

ETERNA LIGHTING LTD'S VISION STATEMENT:

To provide a first rate experience helping customers transact confidently and empowering them to maximise their own success.

VALUES

- ✓ Inspire Kindness
- Respect Others
- ✓ Show Integrity
- ✓ Embrace Family
- Share Positivity



Who Are..... Eterna?

- ✓ 75+ years supplying the lighting industry
- ✓ Family owned financially robust business
- Wide portfolio of products for commercial, domestic & industrial markets
- Quality assurance from ISO9001, partner relationships and AQL testing
- Customer focussed LED warranty policy
- Accredited member of LIA

Our Offer

- Supporting customers on UK mainland from Wellingborough and Ireland
- ✓ Next day delivery and direct to site options (conditions apply)
- ✓ Significant stocks in both UK and Dublin
- ✓ Experienced and helpful sales & customer service teams
- ✓ Expertise & advice from the technical team
- ✓ Specification sheets & IES files available for download
- ✓ Continual flow of new products
- ✓ Innovative marketing materials
- ✓ Network of supporting distributors

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ISO 7010 (MAN INSIDE THE DOOR)



SIGNS DIRECTIVE (MAN RUNNING TOWARDS THE DOOR)

WHAT IS THE DIFFERENCE BETWEEN MAINTAINED & NON MAINTAINED?

MAINTAINED

ILLUMINATED ALL THE TIME & IN EMERGENCY MODE STAYS ILLUMINATED BUT AT A LOWER LIGHT LEVEL

Luminaire is continuously illuminated and switches on to emergency battery operation in the event of a mains failure.

NON-MAINTAINED

ILLUMINATES ONLY IN EMERGENCY MODE

Luminaire is normally off but illuminates in emergency battery operation in the event of a mains failure.

Green LED is illuminated in normal operation to indicate there is a healthy charge into the battery.

SEE WEBSITE FOR REPLACEMENT EMERGENCY BATTERIES



Keep up to date with new emergency products on our website

- Signs Directive range
- ✓ ISO 7010 range
- Self-Test range
- ✓ Battery Replacement Service
- ✓ 5 Year Warranty on all LED products (1 Year Warranty on batteries)

STAY SAFE - SAVE TIME - SPECIFY ETERNA

Earth Switched LIVE Permanent LIVE

EMERGENCY VARIATIONS EXPLAINED Maintained (Unswitched)

(Permanent Live PL)

Maintained (Switched)

(Switched Live SL)

Non Maintained

Sustained

Luminaire is continuously illuminated and will switch over to emergency, battery operation, in the event of a mains failure

Luminaire can be switched on & off in normal operation, and will switch over to emergency, battery operation, in the event of a mains failure

Luminaire is normally off but illuminates in emergency, battery operation, in the event of a mains failure

> When a fitting has a dedicated separate lamp that operates in emergency mode

SELF-TEST EXPLAINED

www.eterna-lighting.co.uk/self-test

How does the Eterna Self-Test system work?

- ✓ On installation, the internal clock will assign a date for the monthly and annual test the installer does not need to set anything up!
- ✓ The initial monthly test will occur between 16 and 30 days of installation. Subsequent monthly tests will occur every 30 days.
- ✓ The initial full test will occur between 200 and 360 days from installation. Subsequent annual tests will occur every 360 days.

Operation	Indicator colour	Action / number of flashes within 3 seconds
Normal operation		Constant
Duration test is underway		•••••• Rapid
Battery circuit		
Light source failure		
Failure of duration test		• • •
Auto test function fails		
LED indicator off	-	In Emergency mode (mains failure)

The benefits of Eterna's Self-Test Emergency Lighting

- ✓ More effective and reliable than manual testing
- ✓ Easy to install
- ✓ Saves time and money
- ✓ Testing causes no disruption to the normal operation of the building
- ✓ Staggered tests mean all areas are protected in the event of a power failure

SELF-TEST

All Eterna Self-Test products in this catalogue can be identified by the green font as shown above

When it comes to Self-Test emergency: Stay Safe • Save Time • Specify Eterna

LED EMERGENCY BULKHEADS

LED

















Low energy alternative to standard fluorescent emergency bulkheads

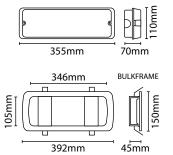
- Polycarbonate construction Internal or external use 20mm gland entries as standard
- Hinged gear tray & push fit terminal block: allows for quicker and easier installation and maintenance
- Minimum 3 hour functionality in emergency mode High output LEDs with bright white light
- Semi recessed fixing option available: BULKFRAME allows a more discreet installation option
- Dedicated self adhesive legend pack included with a combination of symbols: allows multiple exit path designation options
- Additional legend sets available: ISOLGDSET (ISO 7010 format) / LGDSET (signs directive format) which can be used as additional legend sets or as individual stickers for walls and doors
- 235 lm (mains) / 150 lm (battery) Earthed
- · Battery Ni-Cd 3.6V 1500mAh
- Battery 1 year warranty Replacement battery code: EB1
- IES files available

MAINTAINED VERSIONS:

• Facility for remote switching and non-maintained mode

BULKFRAME:

- Pressed steel construction Spring retaining clips
- Semi recessed fixing: allows a more discreet installation option
- Hole cut out size: 350mm x 117mm



V1

Code	Version / Legend Set Included	Wattage	Colour Temp.	Avg. Rated Life (Hrs)	IP Rating	Viewing Distance	MOM / OPQ	
Maintained								
EML3MISO	ISO 7010	7W	6000K	20 000 bvs	IP65	20m	1 / 12	
EMLED3M	Signs Directive	/ VV	OUUK	30,000 hrs	1100	20111	1 / 12	
Non Maintain	Non Maintained							
EML3NMISO	ISO 7010	2W	6000K	30.000 hrs	IP65	20m	1/12	
EMLED3NM	Signs Directive	200	OUUK	30,000 1113	1203	20111	1 / 12	
Accessories								
BULKFRAME White Bulkhead Frame						1/12		
ISOLGDSET ISO 7010 Legend Set						12/12		
LGDSET	LGDSET Signs Directive Legend Set						12/12	

LIHON SELF-TEST MAINTAINED LED EMERGENCY BULKHEAD





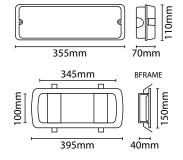


LiFePO4 Lithium battery technology offers reduced energy consumption, enhanced charging cycle capacity & improved operational life compared to standard NiCad products. Self test technology is more effective and reliable than manual testing saving time and disruption to normal operation of the building

- Polycarbonate construction
 Hinged gear tray
 push fit terminal block
 20mm gland entries as standard
- Minimum 3 hour functionality in emergency mode 270 lm (mains) / 150 lm (battery)
- Facility for remote switching and non-maintained mode
- Automatic Testing complies with BS EN 62034
- Self-adhesive ISO 7010 legend pack included with a combination of symbols allowing multiple exit path designation options
- Double Insulated Battery: Li-lon 3.2V 1500mAh
- Battery 5 year warranty Replacement battery code: EB19
- IES files available

BFRAME:

- Pressed steel construction Spring retaining clips
- Semi recessed fixing: allows a more discreet installation option
- Hole cut out size: 355mm x 120mm



Code	Wattage	Colour Temp.	Avg. Rated Life (Hrs)	IP Rating	Viewing Distance	MOM / OPQ	
SEMEM3	4W	6400K	40,000 hrs	IP65	20m	1 / 10	
Accessories							
BFRAME	White Bull	White Bulkhead Frame					
ISOLGDSET	ISO 7010 Legend Sticker Set					1/12	
LGDSET	Signs Directive Legend Sticker Set					1/12	

U-ION MAINTAINED LED EMERGENCY BULKHEAD







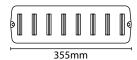


IP65

IP65



- Minimum 3 hour functionality in emergency mode
- Facility for remote switching and non-maintained mode
- ISO 7010 legend set included
- Double insulated 270/130 lm
- Battery Li-Ion 3.2V 1500mAh
- Battery 5 year warranty Replacement battery code: EB17
- IES files available





V1

70mm

Code	Wattage	Colour Temp.	J	IP Rating	Viewing Distance	
KEM3BULKLI	4W	6400K	40,000 hrs	IP65	20m	1 / 10

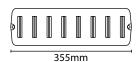
• Polycarbonate construction • Hinged gear tray • Push fit terminals • 20mm gland entries as standard

See below for accessories

ECONOMY MAINTAINED LED EMERGENCY BULKHEADS



- Polycarbonate construction Hinged gear tray Push fit terminals 20mm gland entries as standard
- Minimum 3 hour functionality in emergency mode
- Facility for remote switching and non-maintained mode
- Double insulated 270/130 lm
- Battery Ni-Cd 3.6V 800mAh
- Battery 1 year warranty Replacement battery code: EB21





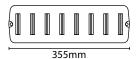
70mm MOM / Viewing OPQ Rating Distance

Colour Avg. Rated Code Version Wattage Life (Hrs) Temp. VECOMEM3L Fitting With Legend 4W 6400K 40,000 hrs IP65 20m 1/10 VECOMEM3 Without Legend See below for accessories

ECONOMY MAINTAINED LED EMERGENCY BULKHEAD



- Polycarbonate construction Hinged gear tray Push fit terminals 20mm gland entries as standard
- Minimum 3 hour functionality in emergency mode
- Facility for remote switching and non-maintained mode
- ISO 7010 legend set included
- Double insulated 270/130 lm
- Battery Ni-Cd 3.6V 800mAh
- Battery 1 year warranty Replacement battery code: EB21
- IES files available





Code	Wattage	Colour Temp.	Avg. Rated Life (Hrs)	IP Rating	Viewing Distance	
KEM3ML	4W	6400K	40,000 hrs	IP65	20m	1/10

See below for accessories

ACCESSORIES FOR PRODUCTS ABOVE



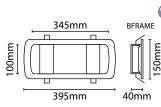




• Legend sets can be used as additional legend sets or as individual stickers for walls and doors

BFRAME:

- Pressed steel construction Spring retaining clips
- Semi recessed fixing: allows a more discreet installation option
- Hole cut out size: 355mm x 120mm



Code	Version	MOM / OPQ
BFRAME	White Bulkhead Frame	1/50
VECOEMISOL	ISO 7010 Legend Sticker Set	1/500
LGDSET	Signs Directive Legend Sticker Set	1/12

LED EMERGENCY EXIT BOX SIGN









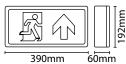




Low energy alternative to standard emergency exit signs

• Steel construction • LED charge light • Facility for remote switching

- 3 hour maintained mode as standard which can also be configured for non maintained operation
- Diffuser on base: for added downward illumination of escape route
- Long life energy efficient LED light source eliminates lamp replacement cycle without compromising panel visibility distance
- Battery test button 55 lm Earthed
- Battery Ni-Cd 3.6V 1500Ah
- Battery 1 year warranty Replacement battery code: EB4



V1

Code	Legend Set Included	Wattage	Avg. Rated Life (Hrs)	IP Rating	Viewing Distance	MOM / OPQ
EXIT3MLED	Signs Directive Down Arrow	4W	30,000 hrs	IP20	32m	6/6

Accessories			
Signs Directive	ISO 7010	Version	MOM / OPQ
EBLGDL	ISOEBLGDL	Left Arrow Legend	
EBLGDR	ISOEBLGDR	Right Arrow Legend	1 / 100
EBLGDU	ISOEBLGDU	Up Arrow Legend	1 / 100
	ISOEBLGDD	Down Arrow Legend	

LI-ION COMPACT EMERGENCY LED EXIT BOX

• Steel construction • Push fit terminals • LED charge light and battery test button

• Full range of interchangeable polycarbonate ISO 7010 legends available,

• 3 hour maintained mode as standard which can also be configured for non maintained operation













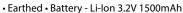








comes complete with up arrow legend • Diffuser on base: for added downward illumination of escape route



• Facility for remote switching

• Battery 5 year warranty - Replacement battery code: EB17





V2

300mm

40mm

Code	Wattage	Avg. Rated Life (Hrs)	IP Rating	Viewing Distance	MOM / OPQ
VECOEXIT3M	4W	30,000 hrs	IP20	29m	1/20
Accessories					
VECOISOD	Down Arro	ow ISO 7010 Le	egend		
VECOISOL	OISOL Left Arrow ISO 7010 Legend				
VECOISOR	Right Arrow ISO 7010 Legend				

□+**ON** COMPACT EMERGENCY LED EXIT BOX

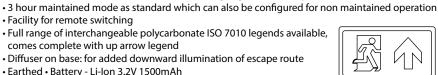








- Steel construction Push fit terminals LED charge light and battery test button
 - Facility for remote switching • Full range of interchangeable polycarbonate ISO 7010 legends available, comes complete with up arrow legend
 - Diffuser on base: for added downward illumination of escape route
 - Earthed Battery Li-lon 3.2V 1500mAh
 - Battery 5 year warranty Replacement battery code: EB17







V2

300mm

40mm

Code	Wattage	Avg. Rated Life (Hrs)	IP Rating	Viewing Distance	MOM / OPQ	
KEXIT3MLI	4W	30,000 hrs	IP20	29m	1/20	
Accessories						
VECOISOD	Down Arrow ISO 7010 Legend					
VECOISOL	Left Arrow	Left Arrow ISO 7010 Legend				
VECOISOR	Right Arro	Right Arrow ISO 7010 Legend				



SLIM LED MAINTAINED EMERGENCY EXIT BOX INCLUDING LEGENDS













An aesthetically pleasing, low energy, ultra slim alternative to conventional exit boxes



- Ultra slim design: excellent solution where a more compact fitting is required
- 3 hour maintained mode as standard which can also be configured for non maintained operation
- Diffuser on base: for added downward illumination of escape route
- Interchangeable down, up, left & right arrow signs directive exit legends included
- Long life energy efficient LED light source eliminates lamp replacement cycle without compromising panel visibility distance
- Facility for remote switching For wall mounting only Earthed
- Battery Ni-Mh 3.6V 2000mAh
- Battery 1 year warranty Replacement battery code: EB7





V1

Code	Wattage	Avg. Rated Life (Hrs)	IP Rating	Viewing Distance	MOM / OPQ
EBLSLIMM	5.2W	30,000 hrs	IP20	33m	1/10

ETERNA EMERGENCY BATTERY PACKS ARE COMPATIBLE WITH:

LED PANELS
& COMMERCIAL
DOWNLIGHTS





EMERGENCY BATTERY PACKS & SELF-TEST OPTION







- Polycarbonate construction LED charge light Earthed
- Enables LED panel lights to be converted into emergency luminaires, rated at 10-60V 100W max
- Control gear can be removed from the housing: allows use in installations with smaller hole cut out
- 3 hours duration in emergency mode
- Push fit plug and socket: allows quick & easy installation
- Facility for non maintained mode and for remote switching
- Battery Ni-Cd 3.6V 4.5Ah
- Battery 1 year warranty Replacement battery code: EB5
- SEEBPM3 Automatic testing in accordance with BS EN 62034





Code	Version	Maximum Load	IP Rating	MOM / OPQ
EBPM3	Standard	10 60V 100W May	IP20	1/1
SEEBPM3	Self Test	10-60V 100W Max	1120	1/1

LI-ION EMERGENCY BATTERY PACK

Year Warranty

Emergency
Product

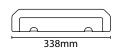
Li-lon Battery



Compact & lightweight emergency back up pack for use with LED panels & downlights incorporating Lithium battery technology



- LiFePO4 Lithium battery technology offering reduced energy consumption, enhanced charging cycle capacity & improved operational life compared to standard NiCad products
- 3 hour maintained or non maintained operation
- Enables LED luminaires to be converted to emergency, rated: 18-60Vdc maximum 150W load
- Charging LED housed in recessed holder allowing placement adjacent to luminaire
- Push twist & lock plug in system for quick & easy installation
- Battery Li-Ion 6.4V 1500mAh
- Battery 5 year warranty Replacement battery code: EB20





Code	Fitting Wattage	Maximum Load	IP Rating	MOM / OPQ
EBPM3LI	3W	18-60Vdc Maximum 150W	IP20	1 / 40

IP65 LED TWINSPOT EMERGENCY FITTING





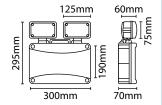






Proven fitting with long term reliability and performance along with high ingress protection

- Polycarbonate construction IES files available
- Twin 3W LED projectors: provide superior light output to traditional twinspot fittings
- Horizontally and vertically adjustable heads, 180° rotation across the horizontal plane
- IP65 rating utilising high quality polycarbonate enclosure: for installation in wet or dusty environments
- Reduced battery capacity requirement: allows a more compact design reducing the weight dramatically compared to traditional products facilitating easier installation
- Minimum 3 hour non-maintained functionality in emergency mode
- Individual indicator to show healthy charge to battery
- Earthed Battery Ni-Cd 3.6V 6Ah
- Battery 1 year warranty Replacement battery code: EB3



V1

Code	Wattage	Colour Temp.	Lumens	Avg. Rated Life (Hrs)	IP Rating	MOM / OPQ
LEDTWNSPOT	Twin 3W	3500K	441 lm	30,000 hrs	IP65	1/6

∐∃[ON COMPACT LED EMERGENCY TWINSPOT



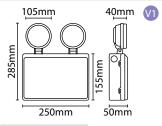








- Polycarbonate construction Push fit terminals IES files available
- Individual indicator to show healthy charge to battery
- Horizontally and vertically adjustable heads, 180° rotation across the horizontal plane
- Minimum 3 hour functionality in emergency mode
- Double insulated Battery: Li-Ion 3.2V 4500mAh
- Battery 5 year warranty Replacement battery code: EB18



Code	Wattage	Colour Temp.	Lumens	Avg. Rated Life (Hrs)	IP Rating	MOM / OPQ
KTWINSPLI	2W	6300K	420 lm	40,000 hrs	IP20	1 / 20

LED EMERGENCY TWINSPOT



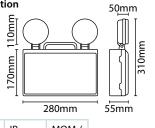






Reduced battery capacity requirement allows a more compact design reducing the weight dramatically compared to traditional products facilitating easier installation

- Polycarbonate construction 3 hour non-maintained operation
- · Individual indicator to show healthy charge to battery
- Horizontally and vertically adjustable heads, 180° rotation across the horizontal plane • IES files available
- Earthed Battery Ni-Cd 3.6V 4.5Ah
- Battery 1 year warranty Replacement battery code: EB16



Code	Wattage	Colour Temp.	Lumens	Avg. Rated Life (Hrs)	IP Rating	MOM / OPQ
TSPOTLIP20	3.4W	6000K	405 lm	50,000 hrs	IP20	1/6

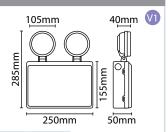
COMPACT LED EMERGENCY TWINSPOT







- Polycarbonate construction Push fit terminals
- · Individual indicator to show healthy charge to battery
- Horizontally and vertically adjustable heads, 180° rotation across the horizontal plane
- Minimum 3 hour functionality in emergency mode
- Double insulated Battery: Ni-Cd 3.6V 4Ah
- Battery 1 year warranty Replacement battery code: EB13



Code	Wattage	Colour Temp.	Avg. Rated Life (Hrs)	IP Rating	MOM / OPQ		
VECOTWINSP	2W	6300K	40,000 hrs	IP20	1/20		
SETSPOT	Self Test Li-lon version coming soon						

WHITE/SILVER 1.4W LED NON MAINTAINED EMERGENCY DOWNLIGHTS & SELF=TEST OPTION



Year Warranty

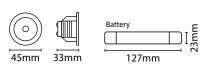




This LED compact recessed emergency light is ideal for use in corridors, stairwells and other places that require a smart, discreet emergency unit

- Aluminium construction Compact design
- Matt silver and white trims included Pre-wired for easy installation
- LED glows green in standby mode and super bright white light in the event of a mains failure
- Excellent alternative to a converted downlight Minimum 3 hour functionality in emergency mode
- Earthed Battery Ni-Cd 3.6V 2000mAh
- IES files available
- Battery 1 year warranty Replacement battery code: EB2

SELDLEM3: Automatic testing in accordance with BS EN 62034



	$\overline{}$			_
	-	230mn	n	32
ıs	IP Rating	Hole Cut Out Size	MOM / OPQ	

Code	Version	Wattage	Lumens	IP Rating	Hole Cut Out Size	MOM / OPQ
LDLEM3	Standard	1.4W	118 lm	IDOO	32mm	1 / 20
SELDLEM3	Self Test	1.44	1181111	IP20		

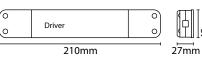
WHITE/BLACK/SILVER LIFION EMERGENCY 2W LED DOWNLIGHT



Unobtrusive emergency downlight with lightweight all-in-one compact control pack including Lithium battery technology

V1

- White, matt silver and black bezels included IES files available
- · LiFePO4 Lithium battery technology offering reduced energy consumption, enhanced charging cycle capacity & improved operational life compared to standard NiCad products
- Optic designed for open area and escape route lighting Built-in battery overcharge protection
- 3 hour non maintained operation Integrated green charging indicator LED
- Integral LED glows green in standby mode and super bright white light in the event of a mains failure
- Double insulated Battery Li-Ion 3.2V 1500mAh
- Battery 5 year warranty Replacement battery code: EB19



Code	Wattage	Lumens	IP Rating	Hole Cut Out Size	
LDLEM3LI	2W	160 lm	IP20	50mm	1 / 40

WHITE/BLACK/SILVER LITION EMERGENCY 2W LED DOWNLIGHT

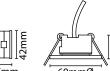






- Unobtrusive emergency downlight with lightweight all-in-one compact control pack including Lithium battery technology
- White, matt silver and black bezels included IES files available
- · LiFePO4 Lithium battery technology offering reduced energy consumption, enhanced charging cycle capacity & improved operational life compared to standard NiCad products
- Optic designed for open area and escape route lighting Built-in battery overcharge protection
- 3 hour non maintained operation Integrated green charging indicator LED
- Integral LED glows green in standby mode and super bright white light in the event of a mains failure
- Double insulated Battery Li-Ion 3.2V 1500mAh
- Battery 5 year warranty Replacement battery code: EB19





Code	Wattage	Lumens	IP Rating	Hole Cut Out Size	
KEM3LIDL	2W	160 lm	IP20	50mm	1/40

V1







SELF-TEST SURFACE MOUNT EMERGENCY DOWNLIGHT

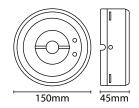




High Quality, Self-Test emergency downlight, suitable for open area and corridor applications where solid ceilings exist



- Automatic testing in accordance with BS EN 62034
- LED glows green in standby mode and super bright white light in the event of a mains failure
- Excellent solution where solid ceilings prevent recessed installation of an emergency downlight
- Minimum 3 hour functionality in emergency mode
- Supplied with open area lens. Corridor lens available separately SESMDCL
- Earthed Battery Ni-Cd 3.6V 2000mAh
- Battery 1 year warranty Replacement battery code: EB15



4<u>2m</u>m

54mm

Code	Wattage	Lumens	IP Rating	MOM / OPQ
SESMDLEM3	3W	150 lm	IP20	1/20
SESMDCL	Corridor Le	ens	IP20	1 / 20

LED MULTI FIXING EXIT SIGN











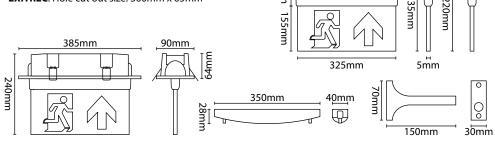


- \bullet Polycarbonate construction \bullet LED charge light and battery test button
- · Comes complete with 4 fixing options ceiling mounted, end mounted, wall mounted and suspended (adjustable length 1m suspension cable included)
- $\bullet \ \, \text{Supplied with a double-sided up arrow ISO 7010 format exit legend full range of alternative legend} \\$ directional panels available separately including signs directive format
- 3 hour maintained mode as standard which can also be configured for non-maintained or remote switched

345mm

- 35 lm (mains) / 25 lm (battery)
- Additional recessed option available with EXITREC
- Earthed Battery Ni-Cd 3.6V 800mAh
- Battery 1 year warranty Replacement battery code: EB8

EXITREC: Hole cut out size: 360mm x 65mm



Code	Version	Wattage	Colour Temp.	Viewing Distance	IP Rating	MOM / OPQ			
EXITMMO	Fitting	2.8W	6000K	30m	IP20	1/6			
Accessories									
EXITREC	White Rec	essed Mour	nting Kit			1 / 25			
ISOMMOLR	ISO 7010 L	ISO 7010 Left/Right Arrow Legend							
ISOMMOD	ISO 7010 [ISO 7010 Down Arrow Legend							
EMMOUP	MOUP Signs Directive Up Arrow Legend								
EMMOD	Signs Directive Down Arrow Legend								
EMMOLR	Signs Dire								

LED EMERGENCY HANGING EXIT SIGN LIGHT & SELF-TEST OPTION



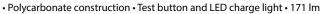




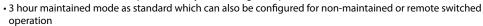








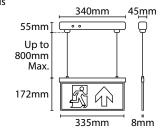
• Remote connection box complete with adjustable length suspension cable (max 80cm)



• Supplied with a double-sided exit legend - signs directive & ISO legends available separately (see below for versions)

- Earthed Battery Ni–Cd 3.6V 800mAh
- Battery 1 year warranty Replacement battery code: EB8

SESIGNLEM3: Automatic testing in accordance with BS EN 62034



Code	Version / Legend Set Included	Wattage	Colour Temp.	Avg. Rated Life (Hrs)	Viewing Distance	IP Rating	MOM / OPQ	
SIGNLEDEM3	Signs Dir. Down Arrow	2.3W	6000K	25,000 hrs	29m	IP20	1/6	
SESIGNLEM3	Self Test / ISO Up Arrow	2.3 VV		23,000 1113	29111	IF20	1/6	
Accessories								
SIGNLGD	Signs Directive Left/Right	Arrow Lege	end					
SIGNLGDUP	Signs Directive Up Arrow I	_egend					1 / 100	
ISOSIGND	ISO 7010 Down Arrow Leg	ISO 7010 Down Arrow Legend						
ISOSIGNLR	ISO 7010 Left/Right Arrow Legend							







Helping your Emergency Lighting perform longer!....



NEW - 5 year warranty on LiFePO4 Batteries

Like most competitors, we are unable to include batteries in extended warranties, but do feel it's unfair & not environmentally friendly that good fittings become redundant due to the battery reaching the end of its life.

We would firstly suggest that you follow our maintenance guidance (see below) on emergency products to maximise battery life, but would also like to offer the reassurance of a battery replacement service to support our current emergency product offer – we will try to help with legacy products but cannot guarantee availability.

Please note that in the unlikely event your new fitting is supplied with a faulty battery, we will replace the battery free of charge subject to our terms and conditions.

WE ONLY RECOMMEND ETERNA REPLACEMENT BATTERIES WITH ETERNA EMERGENCY PRODUCTS

Code	Version
EB1	Ni-Cd 3.6V 1500mAh Stick Battery
EB2	Ni-Cd 3.6V 2000mAh Stick Battery
EB3	Ni-Cd 3.6V 6Ah Side-by-side Battery
EB4	Ni-Cd 3.6V 1500mAh Side-by-side Battery
EB5	Ni-Cd 3.6V 4.5Ah Stick Battery
EB6	Ni-Cd 3.6V 1300mAh Stick Battery
EB7	Ni-Mh 3.6V 2000mAh Side-by-side Battery
EB8	Ni-Cd 3.6V 800mAh Side-by-side Battery
EB9	Ni-Cd 4.8V 600mAh Side-by-side Battery
EB10/2	Ni-Cd 6V 2000mAh Side-by-Side Battery
EB11	Li-ion 3.2V 1500mAh Stick Battery
EB12	Ni-Cd 3.6V 1500mAh Stick Battery
EB13	Ni-Cd 3.6V 4000mAh Side-by-side Battery

Code	Version							
EB14	Ni-Cd 3.6V 1800mAh Stick Battery							
EB15	Ni-Cd 3.6V 2Ah 3-Linked Battery							
EB16	Ni-Cd 3.6V 4.5Ah Side by Side Battery							
EB17	Li-lon 3.2V 1500mAh Stick Battery							
EB18	Li-lon 3.2V 4500mAh Side-by-Side Battery							
EB19	Li-lon 3.2V 1500mAh Stick Battery							
EB20	Li-lon 6.4V 1500mAh Stick Battery							
EB21	Ni-Cd 3.6V 800mAh Stick Battery							
EB22	Li-lon 3.2V 1000mAh Stick Battery							
EB23	Li-lon 3.2V 1000mAh Stick Battery							
EB24	Li-lon 3.2V 1000mAh Stick Battery							
EB25	Li-lon 3.2V 1000mAh Stick Battery							
See websit	See website for more details							



IMPORTANT OPERATIONAL CHECKS TO KEEP YOUR FITTING WORKING

Periodic testing should be carried out to ensure emergency lighting is operating correctly. For the period of the test, isolate the power supply by operation of a key switch, or other isolation device. At the end of the test, power should be restored and all indicator lamps checked.

DAILY: Visual inspection of the battery charge LED.

EACH MONTH: Isolate the power supply for a period sufficient to ensure that each lamp is illuminated. Endorse the test record form supplied.

ONCE EACH YEAR: Isolate the power supply and check that the light is still illuminated after 3 hours. Endorse the test record form.

BATTERY REPLACEMENT

If after routine operation check, the lamp does not remain illuminated for the three hour period, a new battery pack may be required.

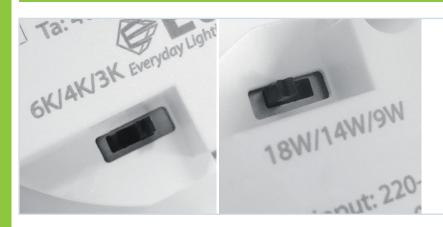
- 01) Switch off the electricity at the mains, both switched and permanent supply.
- 02) Allow batteries to fully discharge then reconnect to supply and allow to charge for 24 hours.
- 03) Test again for 3 hours, if light does not remain illuminated change the battery pack.
- 04) Check install guides for procedure on changing the battery.





DOWNLOAD AND PRINT EXTRA STANDARD AND SELF-TEST MAINTENANCE RECORD FORMS FOR FREE FROM OUR WEBSITE

www.eterna-lighting.co.uk/battery-replacement-service



POWER & COLOUR
TEMPERATURE
SELECTABLE
UTILITY FITTINGS
NOW AVAILABLE
FROM ETERNA





LOOK OUT FOR THE ICONS (RIGHT)

ALL LED FITTINGS COME WITH A 5 YEAR WARRANTY

for more information see - www.eterna-lighting.co.uk/warranties/

IK RATING

The IK code (Impact Protection Rating) classifies the level of protection an electrical equipment enclosure provides from external mechanical impacts. FREE IK guide can be downloaded and printed from our website: www.eterna-lighting.co.uk/guides/

TO SEE THE PRODUCTS IK RATING LOOK OUT FOR THE ICON (RIGHT)









FREST PRINGE POWER AND COLOUR TEMPERATURE SELECTABLE CIRCULAR / SQUARE LED UTILITY FITTINGS & LIFTON EMERGENCY VERSIONS



V3 High output, energy saving utility LED wall / ceiling fixtures with standard, emergency & multi-function microwave control versions. Both opal & prismatic versions are available for either smooth diffused effect or maximum light output. Diffusers are supplied not fitted to bases and fully captive diffuser fixing screws are utilised to save installation time. Step Dim microwave versions provide the best in flexibility & energy saving options

- Polycarbonate construction
- · Push fit terminals
- Hinged gear tray
- · Captive fixing screws
- Four 20mm cable entries on the side and one to the rear
- Power Selectable options of 9W, 14W and 18W easily set by a dip switch on the driver
- Colour temperature selectable options of 3000K, 4400K & 6500K easily set by a dip switch on the driver
- Double insulated
- IES files available

EMERGENCY VERSIONS:

- 3 hour maintained mode as standard which can also be configured for non maintained operation
- Battery Li-lon 3.2V 1500mAh Battery 5 year warranty Replacement battery code: EB11

STEP DIM MICROWAVE VERSIONS:

- Daylight Sensor adjustable: 10 lux / disable Detection Sensitivity adjustable: 50% / 100%
- Detection angle: 30~150° Adjustable detection range: 4-6m at 3m installation height

Standard on/off mode:

• Operation at 100% light level then off after last presence detection. Operation on time can be set at 5 sec, 90 sec, 3 min (180 sec), 10 min

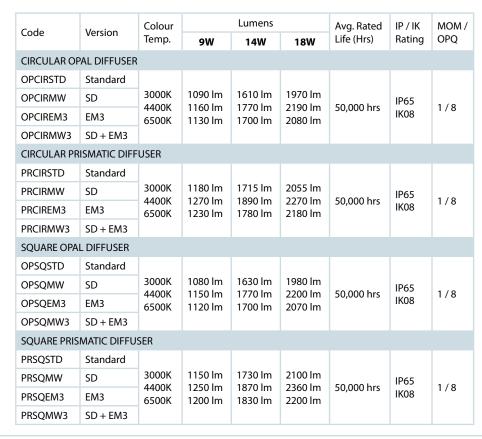
Corridor mode:

• Operation at 100% light level after last presence detection which can be set at 5 sec, 90 sec, 3 min (180 sec), 10 min, then continuous operation at 10% or 30% light level

Corridor & off mode:

• Operation at 100% light level after last presence detection which can be set at 5 sec, 90 sec, 3 min (180 sec), 10 min, then operation at 10% or 30% light level which can be set at 10 sec / 10 min, then off









FREST PRINCE CIRCULAR / SQUARE LED UTILITY FITTINGS & LIFTON EMERGENCY VERSIONS



IP65

IK08

Microwave Sensor High output, energy saving utility LED wall / ceiling fixtures with standard, emergency & multi-function microwave control versions. Both opal & prismatic versions are available for either smooth diffused effect or maximum light output. Diffusers are supplied not fitted to bases and fully captive diffuser fixing screws are utilised to save installation time. Multi-function microwave versions provide the best in flexibility & energy saving options

- Polycarbonate construction Push fit terminals Full circular / square LED array Hinged gear tray
- Captive fixing screws Four 20mm cable entries on the side and one to the rear
- Earthed IES files available

EMERGENCY VERSIONS:

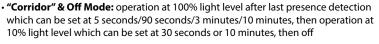
- 3 hour maintained mode as standard which can also be configured for non maintained operation
- Battery Li-lon 3.2V 1500mAh Battery 5 year warranty Replacement battery code: EB11

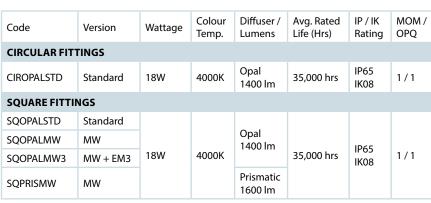
MULTI-FUNCTION MICROWAVE SENSOR VERSIONS:

- Detection sensitivity adjustable 10/50/75/100% Daylight sensor adjustable 5/15/50 Lux/Disable
- Mounting height maximum 6m Detection zone maximum 16m diameter x 6m height
- Detection angle 150° (wall mounted), 360° (ceiling mounted)

MULTI-FUNCTION MICROWAVE SENSOR WITH 3 INSTALLER OPTIONS:

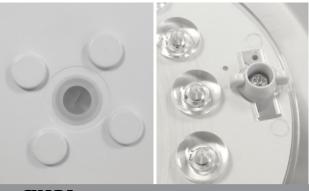
- Standard On/Off Mode: operation at 100% light level then off after last presence detection. Operation on time can be set at 5 seconds/90 seconds/3 minutes/10 minutes
- "Corridor Mode": operation at 100% light level after last presence detection which can be set at 5 seconds/90 seconds/3 minutes/10 minutes, then continuous operation at 10% light level
- Madool CIR: Ø 290mm SQU: 250mm















GHARA POWER AND COLOUR TEMPERATURE SELECTABLE CIRCULAR LED CEILING/WALL LIGHTS & LIHON EMERGENCY VERSIONS













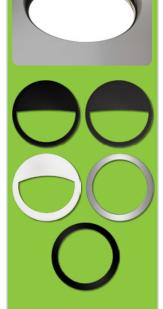


(((•))) Microwave Sensor









Offering 3 selectable power levels and 3 selectable colour temperatures, this versatile range offers the ultimate in practicality and multiple options from a single product. Suitable for interior or exterior installation the range of accessories ensures suitability for functional or decorative applications

- All fittings come with a white full trim Hinged LED array Push fit terminal block Polycarbonate diffuser
- Optional accessories available separately: black, white and grey eyelid trims or full chrome trim
- Power Selectable options of 9W, 14W and 18W easily set by a dip switch on the driver
- Colour temperature selectable options of 3000K, 4400K & 6500K easily set by a dip switch on the driver
- Enclosure rated as IK10 for impact resistance Central BESA box mounting option on the base
- Double insulated IES files available

EMERGENCY VERSIONS:

- 3 hour maintained mode as standard which can also be configured for non maintained operation
- Battery Li-lon 3.2V 1500mAh Battery 5 year warranty Replacement battery code: EB11

STANDARD ON/OFF MICROWAVE SENSOR VERSIONS:

- Adjustable detection angle: up to 150° Adjustable detection range: Max. 4-6m at 3m installation height
- Adjustable time setting: 5 seconds 30 minutes Adjustable Lux control: 2/10/25/50 lux or disable
- Detection is possible through doors, glass panels & thin walls

STEP DIM MICROWAVE VERSIONS:

- Daylight Sensor adjustable: 10 lux / disable Detection Sensitivity adjustable: 50% / 100%
- Detection angle: 30~150° Adjustable detection range: 4-6m at 3m installation height

Standard on/off mode:

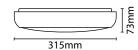
• Operation at 100% light level then off after last presence detection. Operation on time can be set at 5 sec, 90 sec, 3 min (180 sec), 10 min

Corridor mode:

• Operation at 100% light level after last presence detection which can be set at 5 sec, 90 sec, 3 min (180 sec), 10 min, then continuous operation at 10% or 30% light level

Corridor & off mode:

• Operation at 100% light level after last presence detection which can be set at 5 sec, 90 sec, 3 min (180 sec), 10 min, then operation at 10% or 30% light level which can be set at 10 sec / 10 min, then off



Cada	Vansian	Colour		Lumens		Avg. Rated	IP/IK	MOM /
Code	Version	Temp.	9W	14W	18W	Life (Hrs)	Rating	OPQ
CHA18STD	Standard							
CHA18MW	MW		0K 1100 lm	1500 lm 1670 lm 1640 lm	1880 lm 2130 lm 2050 lm	40,000 hrs	IP65 IK10	
CHA18EM3	EM3	3000K						1/10
CHA18MW3	MW + EM3	4400K 6500K						1710
CHA18SD	SD							
CHA18SDEM3	SD + EM3							
CHAEYEBK	Black Eyelid	Trim						
CHAEYEGY	Grey Eyelid	Γrim						
CHAEYEWH	White Eyelic	Trim						1/1
CHAFULLBK	Black Full Tri	m						
CHAFULLCR	Chrome Full	Trim						



POWER & COLOUR TEMPERATURE SELECTABLE UTILITY FITTINGS NOW AVAILABLE FROM ETERNA





V2

LOOK OUT FOR THE ICONS (RIGHT)

GHARA COLOUR TEMPERATURE SELECTABLE CIRCULAR LED CEILING/WALL LIGHTS & LIFTON EMERGENCY VERSIONS









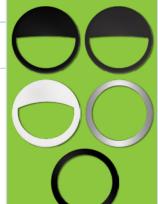




Sensor

 $(((\bullet)))$

Microwave Sensor



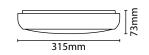
- Polycarbonate diffuser
- Hinged LED array Push fit terminal block All fittings come with a white full trim
- Colour temperature selectable options of 3000K, 4200K & 6000K easily set by a dip switch on the driver
- Enclosure rated as IK10 for impact resistance Central BESA box mounting option on the base
- Double insulated IES files available

EMERGENCY VERSIONS:

- 3 hour maintained mode as standard which can also be configured for non maintained operation
- Battery Li-lon 3.2V 1500mAh Battery 5 year warranty Replacement battery code: EB11

MICROWAVE SENSOR VERSION:

- Rated Load 800W (resistive), 400W (inductive), 270W (LED) Adjustable detection angle: up to 150°
- Power consumption: <0.5W Adjustable detection range: Max. 6m
- Adjustable time setting: 5 seconds 30 minutes
- Adjustable Lux control: 2-50 lux
- Push connect terminals: for ease of connection



Code	Version	Wattage	Colour Temp.	Lumens	Avg. Rated Life (Hrs)	IP / IK Rating	MOM / OPQ	
KCIRSTD	Standard				50,000 hrs	IP65 IK10	1/10	
KCIRMW	MW	1.4\\/	3000K 4200K 6000K	1560 lm 1670 lm 1600 lm				
KCIREM3	EM3	14W						
KCIRMW3	MW + EM3							
KCIREYEBK	Black Eyelid	Trim						
KCIREYEGY	Grey Eyelid T	rim						
KCIREYEWH	White Eyelid	Trim					1/1	
KCIRFULLBK	Black Full Trim							
KCIRFULLCR	Chrome Full	Trim						

CARINA SLIMLINE LED CEILING/WALL FITTINGS

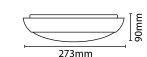
S Year Warranty More compact, lower power version of our hugely popular Carina range. Ideal where a discreet appearance is required

- Full circular LED array & optically optimised diffuser Ceiling or wall mounted
- Push fit terminal block & gear tray retaining strap for quick and easy installation
- Double insulated IES files available

MICROWAVE SENSOR VERSIONS:

• Ambient light level adjustment 2-50 lux or disable

• Detection range 10-100% • Time on 5 secs-15 mins



Code	Version	Wattage	Colour Temp.	Lumens	Avg. Rated Life (Hrs)	IP Rating	MOM / OPQ
CFLEDMINSC	Standard	OW	4200K	875 lm	40,000 has	IP65	1/10
MSLEDMINSC	MW	9W			40,000 hrs		

V1

CARINA LED COLOUR SELECTABLE FITTINGS & LI-TON EMERGENCY VERSIONS





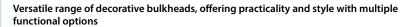


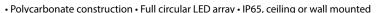




IP65







- Colour temperature selectable options of 3100K, 4200K & 6400K easily set by a dip switch on the gear tray
- Plug in connector between the terminal block and the gear tray. Terminal block is located on the base, allowing for easy wiring and the gear tray to be removed during installation
- Double insulated IES files available

EMERGENCY VERSIONS:

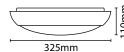
- 3 hour maintained mode as standard which can also be configured for non maintained operation
- Battery Li-lon 3.2V 1500mAh Battery 5 year warranty Replacement battery code: EB11

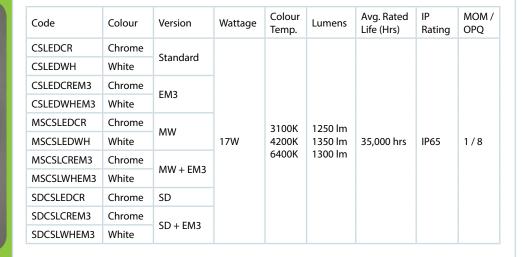
MICROWAVE SENSOR VERSIONS:

- Adjustable microwave sensor: with options to adjust 2-50 lux or disable, detection range 10-100% and time 5 secs - 15 mins
- The microwave sensor is discreetly placed behind the diffuser: making it unobtrusive so there is no compromise to the appearance of the fitting or the room design

10% STEP DIM MICROWAVE SENSOR VERSIONS:

- Operation at 100% light level after last presence detection, reducing to 10% light output after installer selected time delay
- Delay time to 10% operation adjustable: 5 sec / 30 sec / 1 min / 5 min / 15 min / 30 min
- 30~150° detection angle
- 12~18m adjustable detection range: 100% / 75% / 50% / 25% / 10%
- Detection is possible through doors, glass panels and thin walls





CARINA LED CEILING/WALL LIGHTS & LIFION EMERGENCY VERSIONS



- Polycarbonate construction Visually similar, energy efficient alternative to 28W 2D fittings
- Multiple low power LED array & optically optimised diffuser: ensures a soft lighting effect with no degradation of light output
- Earthed IES files available

EMERGENCY VERSIONS:

- 3hr maintained emergency lighting: also available in non-emergency options
- · Facility for non-maintained mode
- Battery Li-lon 3.2V 1500mAh Battery 5 year warranty Replacement battery code: EB11

MICROWAVE SENSOR VERSIONS:

- Adjustable detection angle: up to 150° Adjustable detection range: Max. 4-6m at 3m installation height
- Adjustable time setting: 5 seconds 30 minutes Adjustable Lux control: 2/10/25/50 lux or disable
- Detection is possible through doors, glass panels & thin walls

Code	Version	Wattage	Colour Temp.	Lumens	Avg. Rated Life (Hrs)	IP Rating	MOM / OPQ
CFLEDWHSC	Standard	17W	4000K	1843 lm	50,000 hrs	IP65	1/8
MSLEDWHSC	MW						
CFLWHEM3SC	EM3						
MSLWHEM3SC	MW + EM3						







V2

10mm

325mm

V1







GHAMELEON IP65 CIRCULAR LED MODULAR FITTINGS & LIFTON EMERGENCY VERSIONS









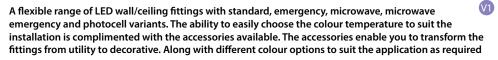












- Polycarbonate diffuser Circular LED array Push fit terminal block Stainless steel captive fixing screws
- Colour temperature selectable options of 3100K, 4200K & 6400K easily set by dip switches
- \bullet Four 20mm cable entries on the side and one to the rear \bullet Double insulated \bullet IES files available

EMERGENCY VERSIONS:

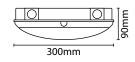
- 3 hour maintained mode as standard which can also be configured for non maintained operation
- Battery Li-lon 3.2V 1500mAh Battery 5 year warranty Replacement battery code: EB11

PHOTOCELL VERSIONS:

• Photocell for dusk to dawn operation • Photocell version cannot be used with any of the trims

MICROWAVE SENSOR VERSIONS:

- Adjustable microwave sensor: with options to adjust 2-50 lux or disable, detection range 10-100% and time 5 secs - 15 mins
- The microwave sensor is discreetly placed behind the diffuser: making it unobtrusive so there is no compromise to the appearance of the fitting or the room design



	Code	Version	Wattage	Colour Temp.	Lumens	Avg. Rated Life (Hrs)	IP / IK Rating	MOM / OPQ
	12W Single	Colour Tempe	rature					
	CO12SCPC	Photocell	12W	4200K	1200 lm	35,000 hrs	IP65 IK08	1/10
	12W Colour	Temperature S	Selectable					
	CO12	Standard						
7	CO12EM3	EM3		3100K	K 1290 lm			
	CO12MW	MW	12W	4200K		40,000 hrs	IP65 IK08	1 / 10
	CO12MW3	MW + EM3		6400K	1230 lm		11100	
	CO12PC	Photocell						
	18W Colour	Temperature S	Selectable					
	CO18	Standard	3100K 18W 4200K					
	CO18EM3	EM3		3100K	1580 lm		1045	
	CO18MW	MW			35,000 hrs	IP65 IK08	1 / 10	
	CO18MW3	MW + EM3		6400K	1600 lm			
	CO18PC	Photocell						
	Accessories							
	GRILLWH	White Grill T	rim					
	GRILLBK	Black Grill Tr	im					
	EYEWH	White Eyelid	Trim					
	EYEBK	Black Eyelid	Trim					1/50
	CIRCWH	White Full Tr	im					1730
	CIRCBK	Black Full Tri	m					
	CIRCCR	Chrome Full						
4	CPRIS	Prismatic Dif	ffuser					

CASSI LED CEILING/WALL FITTINGS

- Year Warranty

IP54



- Polycarbonate diffuser IES files available
- Stainless Steel captive fixing screws
- 20mm cable entry on back of fitting
- Push fit terminal block Double insulated



V1

V5

95mm

Code	Colour	Version	Wattage	Colour Temp.	Lumens	Avg. Rated Life (Hrs)	IP / IK Rating	MOM / OPQ
KCAS8WHFL	White		8W	855 lm 4000K 1480 lm	855 lm	30,000 hrs		1 / 40
KCAS8BKFL	Black	Full					IP54 IK08	
KCAS14WHFL	White	Diffuser			1.400			1/20
KCAS14BKFL	Black		1.4\\		1400 IIII			
KCAS14WHLV	White	Louvered	14W		1310 lm			
KCAS14BKLV	Black	Trim						

SPARROWHAWK STANDARD / EYELID LED DIFFUSER AMENITY CEILING/WALL LIGHTS



Long life, energy efficient utility fitting perfect for domestic or commercial settings including perimeter lighting, paths, gardens and porches, communal areas, staircases and many more

- Polycarbonate / ABS construction Stainless steel screws IP66 ceiling or wall mounted
- Multiple low power LED array & optically optimised diffuser: ensures a soft, even lighting effect with no degradation of light output • Double insulated • IES files available

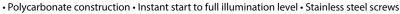
MICROWAVE VERSIONS:

- SENSORMW included
- Rated Load 800W (resistive), 400W (inductive), 270W (LED)
- Adjustable detection angle: up to 150° Power consumption: <0.5W
- Adjustable detection range: Max. 6m Adjustable time setting: 5 seconds 30 minutes
- Adjustable Lux control: 2-50 lux Push connect terminals: for ease of connection

Code	Colour	Diffuser	Wattage	Colour Temp.	Lumens	Avg. Rated Life (Hrs)	IP / IK Rating	MOM / OPQ
Standard								
SHFULLBK	Black	Full		4000K	1150 lm	50,000 hrs		1/10
SHFULLWH	White		11W				IP66 IK08	
SHEYEBK	Black				790 lm			
SHEYEWH	White	Eyelid						
Microwave								
SHFULLMWBK	Black	Full			44501	50,000 hrs	IP66 IK08	1/10
SHFULLMWWH	White	Full	11W	4000K	1150 lm			
SHEYEMWBK	Black	Eyelid			790 lm			

SPARROWHAWK MINI LED AMENITY FITTINGS

Long life, energy efficient utility fitting perfect for domestic or commercial settings including pathway illumination, gardens and porches, staircases and many more



- Multiple low power LED array & optically optimised diffuser: ensures a soft, even lighting effect with no degradation of light output
- 4200K colour temperature: for bright neutral white appearance

Diffuser

Full

Eyelid

Colour

White

Black

• IP66 ceiling or wall mounted: giving versatile fixing options suitable for bathroom, internal and external use

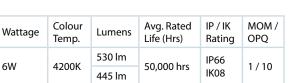
6W

Double insulated

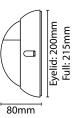
MINIFULLWH

MINIEYEBK

Code







V2

LED ALUMINIUM WALL LIGHTS & LI-TON EMERGENCY VERSIONS











Microwave

Sensor









Superior range of die-cast aluminium fittings offering multiple functions and trim options suitable for outdoor applications where performance, style and durability are required. Modern and robust design with options

- Die-cast aluminium base and bezel Polycarbonate diffuser Full circular/eyelid LED array
- Plug in connector between the terminal block and the gear tray. Terminal block is located on the base, allowing for easy wiring and the gear tray to be removed during installation IES files available
- Four 20mm cable entries Tamper-proof, captive, stainless steel allen key screws Earthed

EMERGENCY VERSIONS:

- 3 hour maintained mode as standard which can also be configured for non-maintained operation
- Battery Li-lon 3.2V 1500mAh Battery 5 year warranty Replacement battery code: EB11

MULTI-FUNCTION MICROWAVE SENSOR VERSIONS:

- Detection sensitivity adjustable 10/50/75/100% Daylight sensor adjustable 5/15/50 Lux/Disable
- Mounting height maximum 6m Detection zone maximum 16m diameter x 6m height
- Detection angle 150° (wall mounted), 360° (ceiling mounted)

MULTI-FUNCTION MICROWAVE SENSOR WITH 3 INSTALLER OPTIONS:

- Standard On/Off Mode: operation at 100% light level then off after last presence detection. Operation on time can be set at 5 seconds/90 seconds/3 minutes/10 minutes
- "Corridor Mode": operation at 100% light level after last presence detection which can be set at 5 seconds/90 seconds/3 minutes/10 minutes, then continuous operation at 10% light level
- "Corridor" & Off Mode: operation at 100% light level after last presence detection which can be set at 5 seconds/90 seconds/3 minutes/10 minutes, then operation at 10% light level which can be set at 30 seconds or 10 minutes, then off



FULL: 100mm EYE: 120mm GRILL: 130mm

Code	Colour	Version	Wattage	Colour Temp.	Lumens	Avg. Rated Life (Hrs)	IP / IK Rating	MOM / OPQ
Full Trim								
ALMFWHFUL	White	MW	18W	4200K	1400 lm	35,000 hrs	IP65 IK10	1/1
Eyelid Trim								
ALMFWHEYE	White	MW	18W	4200K	1300 lm	35,000 hrs	IP65	1/1
ALMF3WHEYE	White	MW + EM3	TOVV	4200K	1300 1111	33,000 1113	IK10	171
Grill Trim								
ALSTDBKGRI	Black	Standard						
ALSTDWHGRI	White	Standard						
ALEM3WHGRI	White	EM3						
ALMFBKGRI	Black	MW	18W	4200K	1400 lm	35,000 hrs	IP65 IK10	1/1
ALMFWHGRI	White	IVIVV						
ALMF3BKGRI	Black	MW + EM3						
ALMF3WHGRI	White	IVIVV + EIVIS						

POLISHED CHROME IP44 LED CEILING/WALL LIGHT

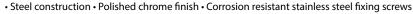








This stylish fitting is ideal for installation in a multitude of situations. Ceiling or wall mounted in a domestic or commercial setting and suitable for bathrooms. Long life, energy efficient alternative to traditional fluorescent luminaires



- Multiple low power LED array & optically optimised diffuser: ensures a soft, even lighting effect with no degradation of light output
- Suitable for bathroom use Push fit terminals
- 3100K warm colour temperature: offering a pleasing light appearance
- Earthed

Code	Wattage	Colour Temp.	Lumens	Avg. Rated Life (Hrs)	IP Rating	MOM / OPQ
PACIFIC12	12W	3100K	800 lm	30,000 hrs	IP44	1/5



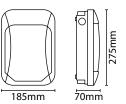
V1

LED COLOUR TEMPERATURE SELECTABLE SLIM WALL PACKS



Slim profile, durable and high performance colour selectable wall pack offering reliability for outdoor utility applications

- Colour temperature selectable options of 3000K, 4000K & 6000K easily set by a dip switch on the driver • Up to 90 lm/W
- ABS base and polycarbonate diffuser Slim design
- Opal diffuser: evenly diffused light output Double insulated
- 20mm cable entries on either side and one to the rear IES files available



V1

PHOTOCELL VERSIONS: Photocell for dusk to dawn operation

Code	Colour	Version	Wattage	Colour Temp.	Lumens	Avg. Rated Life (Hrs)	IP Rating	MOM / OPQ
WPCSBK	Black	Standard			1500 lm 1550 lm 1530 lm	36,000 hrs	IP65	1/10
WPCSWH	White	Standard		3000K 4000K				
WPCSBKPC	Black	Dis set a sell	17VV	6000K				
WPCSWHPC	White	Photocell						

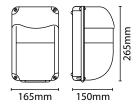
LED BULKHEADS



Robustly constructed, reliable wall fitting offering more discreet illumination for utility applications

- Tough polycarbonate housing Hinged diffuser
- Opal diffuser: evenly diffused light output
- Corrosion resistant stainless steel cover fixing screws
- Cable channel on reverse of fitting with 20mm knockout conduit entries
- Double insulated IES files available

BULKLEDPC: Integral photocell: automatic dusk to dawn operation



Code	Version	Wattage	Colour Temp.	Lumens	Avg. Rated Life (Hrs)	IP Rating	MOM / OPQ
BULKLED	Standard	1214/	6500K	1250 lm	30,000 hrs	IP65	1/12
BULKLEDPC	Photocell	12W					

INTEGRATED LED BULKHEADS



Robustly constructed & suitable for multiple commercial use where performance and functionality are required



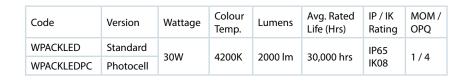
260mm

120mm

V1

- Captive stainless steel screws Tough polycarbonate housing
- 20mm knockouts side and rear Earthed
- IES files available

PHOTOCELL VERSION: photocell for dusk to dawn operation



BULKHEAD WITH 120° PIR





- Requires suitable BC energy saving lamp (not included). Fitting is rated at 60W max
- Vertically & horizontally adjustable detector 12 metre range 120° detection zone
- Time on adjustable (10±5) sec (4±1) min Factory preset PIR no override facility
- · Adjustable LUX level · Earthed

Code	Wattage	IP Rating	MOM / OPQ	
PIR80BK	60W Max	IP44	1/20	













LED BULKHEADS

Energy efficient LED alternative to traditional bulkheads with PIR option that offers durability for domestic and light commercial applications

• Tough polycarbonate housing • Double insulated

PIR VERSION:

- Time on adjustment 5 secs 5 mins Lux level adjustments
- 120° detection angle 8 metre detection range



Code	Version	Wattage	Colour Temp.	Lumens	Avg. Rated Life (Hrs)	IP Rating	MOM / OPQ
BLEDBK	Standard	7\\/	21001/	500 les	25 000 has	ID44	1 / 10
BLEDPIRBK	120° PIR	7W	3100K	500 lm	35,000 hrs	IP44	1 / 10

LED BULKHEADS WITH OPAL DIFFUSER



Year Warranty

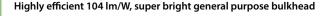
IP44

120° PIR

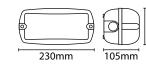








- Tough polycarbonate construction Opal diffuser Double insulated
- Three 20mm knock-out conduit entry positions, one each end and one on rear



90mm

115mm

KRECBOPLPC: Integral photocell: automatic dusk to dawn operation

Code	Version	Wattage	Colour Temp.	Lumens	Avg. Rated Life (Hrs)	IP Rating	MOM / OPQ
KRECBOPL	Standard	10W	4000K	1045 lm	40 000 h	IP65	1/10
KRECBOPLPC	Photocell	1000	4000K	1043 IIII	40,000 hrs	1105	1 / 10

ATOM LED BULKHEAD









- Highly cost effective, compact, ultra low energy, modern design utility bulkhead
- Instant start to full illumination level: giving crisp, super bright light output
- Polycarbonate construction: impact and corrosion resistant
- External fixing points: for quick & easy installation
- 3 x 20mm cable entries: offering multiple installation options
- Compact design Double insulated

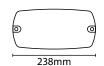
Code	Wattage	Colour Temp.	Lumens	Avg. Rated Life (Hrs)	IP Rating	MOM / OPQ
ATOM5	6W	4200K	450 lm	25,000 hrs	IP65	1/20

BULKHEAD WITH E27 LAMPHOLDER





- Requires 1 x suitable E27 lamp (not included). Fitting is rated at 100W max
- Easy connection directly into the lampholder
- Polycarbonate and ABS construction: impact and corrosion resistant
- Pre-formed 20mm cable entry knockouts on each end and one on rear
- IP65 suitable for internal and external use
- Double insulated





Code	Wattage	IP / IK Rating	MOM / OPQ
BH100E27	100W Max	IP65 / IK08	1/10

SURFACE LED WALL LIGHTS







160° PIR



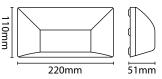


• Polycarbonate construction suitable for coastal areas • Opal diffuser • Integral driver • Double insulated

• Downward facing opal diffuser gives a pleasing wall washed effect • IES files available

PIR VERSIONS:

- PIR Time on adjustment 5 secs 8 mins 160° detection angle
- 8 meter detection range
- Lux level adjustments option for day and night time operation or night time operation only



Code	Colour	Version	Wattage	Colour Temp.	Lumens	Avg. Rated Life (Hrs)	IP Rating	MOM / OPQ
VECOWLW	White	6	6W	4000K	340 lm	30,000 hrs	IP65	1/20
VECOWLG	Grey	Standard						
VECOWLPIRW	White	4.600 DID						
VECOWLPIRG	Grey	160° PIR						

LED SLIM SURFACE BRICKLIGHT

• ABS housing, polycarbonate diffuser

Double insulated

• IES files available



Superslim surface mounting mains voltage LED amenity fixtures for garden and path illumination, which offers a fantastic alternative to traditional bricklights without the hassle of recessed installation

- - 230mm

Code	Wattage	Colour Temp.	Lumens	Avg. Rated Life (Hrs)	IP Rating	MOM / OPQ
SLICELONG	3W	4000K	188 lm	30,000 hrs	IP65	1 / 24

LED RECESSED BRICKLIGHT WITH STAINLESS STEEL FRAME





A modern design that gives an instant cool white light. Ultra low energy consumption and prolonged lamp life



233mm

105 mm 21 mm

• Opal diffuser with optional stainless steel frame offering a soft, stylish lighting effect • Double insulated

• Hole cut out size: L: 228mm, D: 75mm, H: 98mm

• Polycarbonate construction • Integral driver • Cable gland included

Code	Wattage	Colour Temp.	Lumens	Avg. Rated Life (Hrs)	IP Rating	MOM / OPQ
BRICKLED	5.4W	6000K	280 lm	20,000 hrs	IP65	1/6

LED CORNER FIXTURE RANGE



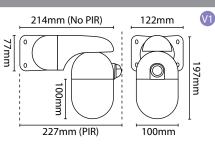
Flexible and decorative range of fittings ideally suited for outdoor applications requiring corner lights

- Complete solution for flat wall or corner mounting: bracket included for optional corner mounting
- Double insulated

PIR VERSION:

- Factory preset 120° PIR 10 lux 7 minutes duration
- · No override facility

Code	Colour	Version	Wattage	Colour Temp.	Lumens	Avg. Rated Life (Hrs)	IP Rating	MOM / OPQ
WELLWHSTD	White	Chamaland	1014	4000K	660 lm	25,000 hrs	IP65	1/6
WELLBKSTD	Black	Standard						
WELLWHPIR	White	120° PIR	10W					
WELLBKPIR	Black	120 PIK						



LED CORNER FIXTURE RANGE





IP65

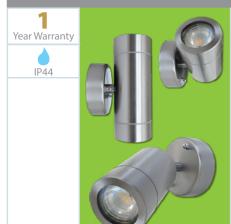


- This luminaire is supplied with a 9W LED ES (E27) 'A' Shape lamp maximum 23W
- Bracket included for optional corner mounting: complete solution for flat wall or corner mounting
- Aluminium alloy construction in white or black finish with white polycarbonate diffuser
- Low energy consumption and prolonged lamp life BESA box mounting
- Lamp included 1 year warranty Earthed

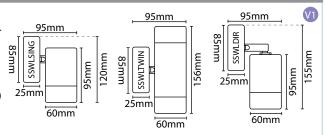
	220mm	V 3
240mm	130mm	155mm

Code	Colour	Wattage	Colour Temp.	Lumens	Avg. Rated Life (Hrs)	IP Rating	MOM / OPQ
WGLEDBK	Black	8.9W	2700K	810 lm	15,000 hrs	IP65	1/4
WGLEDWH	White	8.900	2700K				1/4
WELLDIFF	White Re	White Replacement Polycarbonate Diffuser					1/1

EXTERNAL STAINLESS STEEL WALL LIGHTS



- Requires: 1 x 35W Max. 240V GU10 halogen or LED lamp per lampholder (not included)
- Stainless steel construction
- Modern attractive design
- Easy lamp change
- Fully adjustable head (SSWLDIR only)
- Earthed

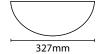


Code	Version	Wattage	IP Rating	MOM / OPQ
SSWLSING	Single Up Or Down Lighting			
SSWLTWIN	Twin Up & Down Lighting	35W Max	IP44	1/12
SSWLDIR	Single Directional Lighting			

CERAMIC UPLIGHTER



- \bullet Requires 1 x suitable BC energy saving lamp (not included). Fitting is rated at 100W max
- Plaster body Plain ceramic finish: can be painted to match décor
- Pre-wired 300mm mains lead: easy installation Earthed





Code	Wattage	IP Rating	MOM / OPQ	
CW3021	100W Max	IP20	1/8	

EXTERNAL AMENITY WALL LIGHTS



Heki IP65 WALL LIGHTS COMING SOON!









LED ALUMINIUM LANTERNS



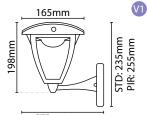




An aesthetically pleasing outdoor fitting with superior construction for domestic and commercial applications

- Die-cast aluminium construction Polycarbonate diffuser
- Earthed

- $\, \cdot \, 7 \,$ metre detection range $\, \cdot \, 110^{\circ}$ detection angle
- Time on adjustment 8 sec 8 min Lux level adjustment 5 lux 2000 lux



STD: 200mm PIR: 230mm

Code	Version	Wattage	Colour Temp.	Lumens	Avg. Rated Life (Hrs)	IP Rating	MOM / OPQ
ALULANT	Standard	OW	40001/	570 les	20 000 has	ID44	1 / 6
ALULANTPIR	110° PIR	8W	4000K	570 lm	30,000 hrs	IP44	1/6

LED ECONOMY FULL LANTERNS







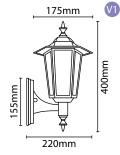


Energy efficient LED alternative to traditional lanterns

- Tough polycarbonate construction
- Double insulated

PIR VERSION:

- •Time on adjustment 5 secs 5 mins Lux level adjustments
- 120° detection angle 8 metre detection range



Code	Version	Wattage	Colour Temp.	Lumens	Avg. Rated Life (Hrs)	IP Rating	MOM / OPQ
VECOFBK	Standard	714/	3100K	420 lm	35.000 hrs	IP44	1/4
VECOFPIRBK	120° PIR	7W	3100K	420 IM	35,000 nrs	1P44	1/4

LED ECONOMY HALF LANTERNS









Energy efficient LED alternative to traditional lanterns

- Tough polycarbonate construction
- Double insulated

- •Time on adjustment 5 secs 5 mins Lux level adjustments
- 120° detection angle 8 metre detection range



Code	Version	Wattage	Colour Temp.	Lumens	Avg. Rated Life (Hrs)	IP Rating	MOM / OPQ
VECOHBK	Standard	7W	3000K	510 lm	50,000 hrs	IP44	1 / 10
VECOHPIRBK	120° PIR	/ VV	3000K	3101111	50,000 HIS	11744	1710

POLYCARBONATE HALF LANTERNS

- Requires 1 x suitable ES lamp (not included). Fitting is rated at 60W max
 - Polycarbonate construction: corrosion resistant
 - One piece lens: quick and easy assembly Double insulated

163mm 100mm

PIR VERSIONS:

- 12 metre max detection range Time on 3 minutes \pm 20 sec
- 120° detection zone Factory preset PIR no override facility

Code	Colour	Version	Wattage	IP Rating	MOM / OPQ
HL60B	Black	Chamalanal		IP44	1/12
HL60WH	White	Standard	60W Max		
PIRHL60BK	Black	120° PIR			
PIRHL60WH	White	120 PIK			



Year Warranty

IP44

120° PIR

POLYCARBONATE FULL LANTERNS

- Requires 1 x suitable ES lamp (not included). Fitting is rated at 60W max
- Gasketed mounting / wiring box Hexagonal one piece lens: easy assembly
- Polycarbonate construction: corrosion resistant Double insulated

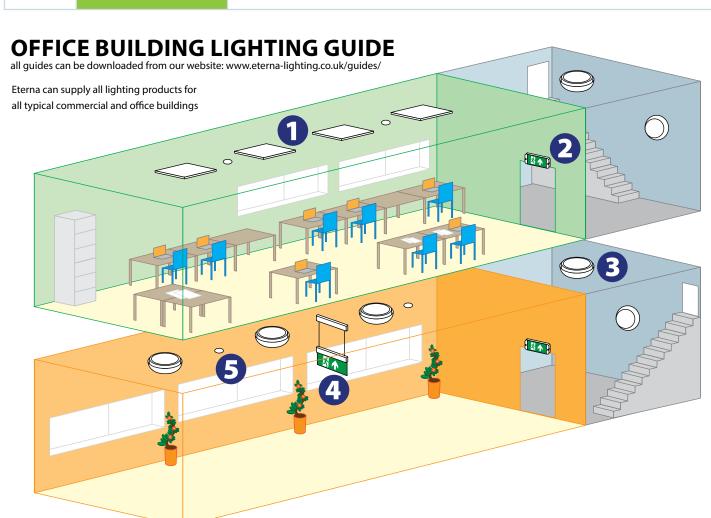
PIR VERSION:

- 10 metre range with sensitivity adjustment control
- •Time on adjustable (10±5) secs (4±1) min 110° detection zone
- Factory preset PIR no override facility





Code	Version	Wattage	IP Rating	MOM / OPQ
L60B	Standard	COMMAN	ID44	1/12
PIRL60BK	110° PIR	60W Max	IP44	1/6

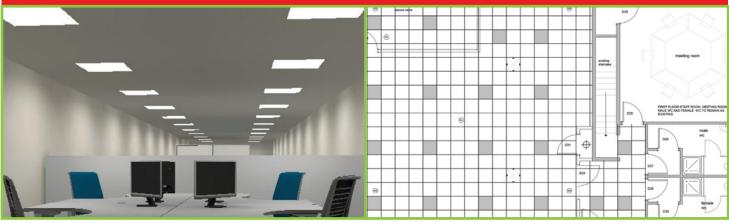


PANELS

FREE LIGHTING DESIGN SERVICE

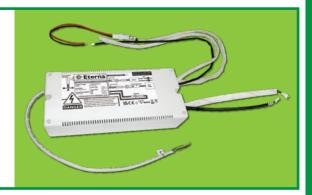
To apply, simply complete the online form on our website: www.eterna-lighting.co.uk/lighting-design-schemes/







ALL ETERNA LED
PANELS CAN BE
CONVERTED INTO
EMERGENCY
LUMINAIRES

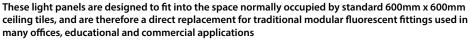


TP(B) LED PANELS

LED

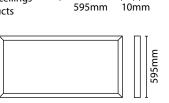
5 Year Warranty

Emergency Compatible





- Low glare and even shadow free light distribution ensures suitability for a variety of applications: visually superior to standard fluorescent panels
- 4000K colour temperature, edge lit: offering a bright neutral white lighting effect
- 5000K colour temperature, edge lit: offering a cool white lighting effect
- Ultra slim profile and a white trim finish to match the majority of T. bar ceilings
- CRI Ra:>80: High CRI to minimise colour distortion of illuminated products
- Surface mounting can be achieved by using screwless kit: SURFACEMK
- Can be recessed in the ceiling or suspended from wires: see PANSUSKIT suspension kit
- Ability to be converted into an emergency luminaire: see below for emergency battery packs
- Double insulated IES files available



1195mm

10mm

TP(b) Meaning

Specifiable ceiling panel with dimming options offering efficient output and TP(b) compliance and assurance from a Lifud branded driver

Code	Wattage	Colour Temp.	Lumens	Avg. Rated Life (Hrs)	IP Rating	MOM / OPQ	
600x600							
600P4K	36W	4000K	2600 lm	20 000 bro	IP20	1/5	
600P5K	3000	5000K	3600 lm	30,000 hrs	IP20	1/5	
1200x600							
1200P4K	60W	4000K	4800 lm	35,000 hrs	IP20	1/3	
Accessories (2	x suspensio	n packs n	eeded for 12	200x600 panel)		
PANSUSKIT	2m Cable I	ength Su	spension Pa	ck		1/100	
SURFACEMK	Surface Mo	ounting Ki	t (supplied i	n kit form)		1/20	
EBPM3 10-60V 100W Max Battery Pack					1/1		
SEEBPM3 Self Test 10-60V 100W Max Battery Pack					1/1		
EBPM3LI 18-60Vdc 150W Max Li-lon Battery Pack						1 / 40	

600X600 LOW GLARE UGR≤19 LOUVERED PANEL





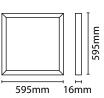
Emergency Compatible



This stylish indirect LED panel is primarily intended for areas where low glare compliance is required, but also suits any installation where high quality installation appearance & superior lighting performance is desired. Specifically engineered to achieve UGR≤19 and offering even light distribution with the minimum number of luminaires per installation

- Eliminates the need for TP(a) or TP(b) compliance due to steel construction
- Includes a plug and play constant current non-dimmable LED driver
- High CRI (≥80:) to minimise colour distortion of illuminated area & objects
- 4000K colour temperature offering a bright neutral white lighting effect
- White finish matching the majority of exposed T bar ceilings
- Push fit wiring terminal direct into the LED driver, terminal capacity up to 1.5mm²
- Surface mounting can be achieved by using screwless kit: SURFACEMK
- Ability to be converted into an emergency luminaire: see below for emergency battery packs
- Double insulated IES files available

		Colour		Avg. Rated	IP	MOM /	
Code	Wattage	Temp.	Lumens	Life (Hrs)	Rating	OPQ	
600P4KTPU	30W	4000K	3150 lm	40,000 hrs	IP20	1/5	
Accessories							
SURFACEMK	Surface M	Surface Mounting Kit (supplied in kit form)					
EBPM3	10-60V 10	0W Max B	attery Pack			1/1	
SEEBPM3	Self Test 10-60V 100W Max Battery Pack					1/1	
EBPM3LI	18-60Vdc 150W Max Li-lon Battery Pack					1 / 40	



600X600 BACKLIT LED PANEL

This commercial backlit LED panel produces a uniform light output with easy loop-in, loop-out push fit connectors whilst maintaining an ultra thin 35mm depth



• Ra: ≥80, high CRI to minimise colour distortion of illuminated products in retail applications

• Zero maintenance, integral light source providing instant light output

• Operating temperature: 5 to 45°C • Lumen efficacy: 111 lm/W

· Includes a plug and play constant current non-dimmable LED driver

• Back lit: offering a bright neutral white lighting effect

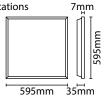
• White trim finish to match the majority of T. bar ceilings

• Push fit wiring terminal direct into the LED driver • Double insulated

Surface mounting can be achieved by using screwless kit: SURFACEMK

• Can be recessed in the ceiling or suspended from wires: see PANSUSKIT suspension kit

· Ability to be converted into an emergency luminaire: see below for emergency battery packs



Code	Wattage	Colour Temp.	Lumens	Avg. Rated Life (Hrs)	IP Rating	MOM / OPQ	
KBLPAN	36W	4200K	4000 lm	40,000 hrs	IP20	1/6	
Accessories							
PANSUSKIT	2m Cable	2m Cable Length Suspension Pack					
SURFACEMK	Surface M	ounting K	it (supplied i	n kit form)		1/20	
EBPM3	10-60V 10	0W Max B	attery Pack			1/1	
SEEBPM3	Self Test 10-60V 100W Max Battery Pack					1/1	
EBPM3LI	18-60Vdc	18-60Vdc 150W Max Li-lon Battery Pack					

600X600 BACKLIT LED PANEL

This commercial backlit LED panel produces a uniform light output with easy loop-in, loop-out push fit connectors whilst maintaining an ultra thin 35mm depth

595mm

7mm

V1

- Steel back panel, aluminium frame and polystyrene diffuser construction IES files available
- Ra: ≥80, high CRI to minimise colour distortion of illuminated products in retail applications
- · Zero maintenance, integral light source providing instant light output
- Operating temperature: 5 to 45°C Lumen efficacy: 96 lm/W
- Includes a plug and play constant current non-dimmable LED driver
- Back lit: offering a bright neutral white lighting effect
- White trim finish to match the majority of T. bar ceilings
- Push fit wiring terminal direct into the LED driver Double insulated
- Surface mounting can be achieved by using screwless kit: SURFACEMK
- · Can be recessed in the ceiling or suspended from wires: see PANSUSKIT suspension kit
- · Ability to be converted into an emergency luminaire: see below for emergency battery packs

Code	Wattage	Colour Temp.	Lumens	Avg. Rated Life (Hrs)	IP Rating	MOM / OPQ	
VECOPANBL	36W	4000K	3450 lm	30,000 hrs	IP20	1/6	
Accessories							
PANSUSKIT	2m Cable	2m Cable Length Suspension Pack					
SURFACEMK	Surface M	ounting K	it (supplied i	n kit form)		1 / 20	
EBPM3	10-60V 10	0W Max B	attery Pack			1/1	
SEEBPM3	Self Test 1	Self Test 10-60V 100W Max Battery Pack					
EBPM3LI	18-60Vdc	18-60Vdc 150W Max Li-lon Battery Pack					



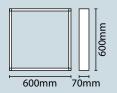
Year Warranty

Emergency

Compatible



SURFACEMK NEW SCREWLESS SURFACE MOUNT KIT



Mount Kit Panels easily click together

Suitable for 40mm depth backlit panels

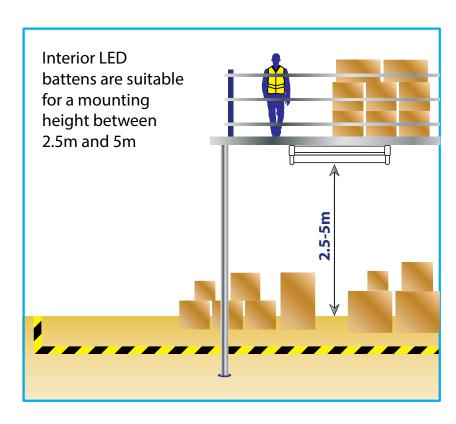
SURFACEMK with Eterna 600x600 panel

BATTENS INTERIOR

INTERIOR BATTEN LIGHTING GUIDE all guides can be downloaded from our website: www.eterna-lighting.co.uk/guides/ LED interior battens are the energy saving alternatives to traditional fluorescent versions.

Interior LED Batten Benefits

- ✓ Energy saving LEDs
- ✔ Bright illumination
- ✓ Long life-span
- ✓ Minimal maintenance
- ✓ Versatile for many installations
- ✓ Flicker free (excluding T8LED)
- ✓ Instant light output
- ✓ Popular in carparks, garages & toilet blocks
- ✓ Often used in bus & train stations
- Also ideal for storage rooms, hallways, corridors and canteen areas



BATTENS - INTERIOR



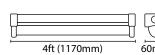


LED STANDARD & HIGH OUTPUT BATTENS & LIFTON EMERGENCY VERSIONS



100° PIR

Full photometric data available to enable lighting designs. Light output is equivalent or superior to traditional fluorescent battens



5ft (1460mm)

6ft (1730mm)

Li-Ion Emergency Box

0

90mm

• Pressed steel body and polycarbonate diffuser

• LED tray can be removed from the housing for easy installation

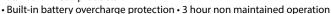
• 20mm knockout glands at each end for through wiring options

• BESA box mounting • Gear tray retaining straps

• Push terminal connections • Earthed • IES files available

EMERGENCY VERSIONS:

• LiFePO4 Lithium battery technology offering reduced energy consumption, enhanced charging cycle capacity & improved operational life compared to standard NiCad products



• Integrated green charging indicator LED • 160 lm in emergency mode

• Battery - Li-lon 3.2V 1500mAh • Battery 5 year warranty - Replacement battery code: EB19

BATLEDPIR:

- Robust polycarbonate construction
- Time-on adjustable: 30 secs, 3 mins, 5 mins, 8 mins
- Night & day or night only options selectable
- Detection range 3-6 metres 100° detection area
- Double insulated

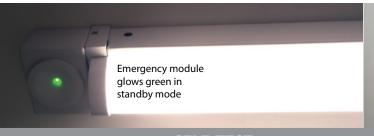




45mm

Code	Version	Wattage	Colour Temp.	Lumens	Avg. Rated Life (Hrs)	IP Rating	MOM / OPQ
BATLED4FT	ED4FT 4ft Standard	23W		2950 lm			
BATLED5FT	5ft Standard	38W 4750 lm	4750 lm				
BATLED6FT	6ft Standard	48W		6050 lm			
BATLED5HO	5ft High Output	60W		7550 lm	25.0001	IP20 1	1/6
BATLED6HO	6ft High Output	65W	42001/	8450 lm			
BATL4FTEM3	4ft EM3	23W	4200K	2950 lm	35,000 hrs		
BATL5FTEM3	5ft EM3	38W		4750 lm			
BATL6FTEM3	6ft EM3	48W		6050 lm			
BATL5HOEM3	5ft High Output EM3	60W		7550 lm			
BATL6HOEM3	6ft High Output EM3	65W		8450 lm			
BATLEDPIR Add-on PIR Sensor							

BATTENS - INTERIOR





SELF-TEST LED STANDARD & HIGH OUTPUT BATTENS









Full photometric data available to enable lighting designs. Light output is equivalent or superior to traditional fluorescent battens

- Pressed steel body and polycarbonate diffuser
- LED tray can be removed from the housing for easy installation
- 20mm knockout glands at each end for through wiring options
- BESA box mounting Gear tray retaining straps
- Push terminal connections >120 lm/W
- Automatic testing in accordance with BS EN 62034
- Pre-wired for easy installation Earthed
- LED glows green in standby mode and super bright white light in the event of a mains failure
- Minimum 3 hour functionality in emergency mode 118 lumens in emergency mode
- Battery Ni-Cd 3.6V 2000mAh Battery 1 year warranty Replacement battery code: EB2

Code	Version	Wattage	Colour Temp.	Lumens	Avg. Rated Life (Hrs)	IP Rating	MOM / OPQ
SELB4FTEM3	4ft EM3	23W	4200K	2930 lm	35,000 hrs	IP20	
SELB6FTEM3	6ft EM3	48W		6000 lm			1/6
SELB5HOEM3	5ft High Output EM3	65W		7900 lm			1/6

8600 lm

STANDARD & HIGH OUTPUT LED BATTENS



Year Warranty



• Pressed steel body and polycarbonate diffuser

SELB6HOEM3 6ft High Output EM3 70W

- LED tray can be removed from the housing for easy installation
- 20mm knockout glands at each end for through wiring options
- BESA box mounting
- Gear tray retaining straps
- Up to 106 lm/W Earthed IES files available

4ft (1185mm)

4ft (1170mm)

5ft (1460mm)

6ft (1730mm)

Emergency Box

60mm 46mm



5ft (1480mm) 6ft (1750mm)

Code	Version	Wattage	Colour Temp.	Lumens	Avg. Rated Life (Hrs)	IP Rating	MOM / OPQ
VECOBAT4FT	4ft Standard	18W		1800 lm	30,000 hrs	IP20	
VECOBAT5FT	5ft Standard	24W		2400 lm			1/6
VECOBAT6FT	6ft Standard	32W	4000K	3400 lm			
VECOBAT5HO	5ft High Output	48W		4000 lm			
VECOBAT6HO	6ft High Output	64W		5200 lm			

STANDARD LED BATTENS





- Pressed steel body and polycarbonate diffuser
- LED tray can be removed from the housing for easy installation
- 20mm knockout glands at each end for through wiring options
- BESA box mounting
- Gear tray retaining straps
- Up to 106 lm/W Earthed IES files available



4ft (1185mm) 5ft (1480mm)

6ft (1750mm)

Code	Length	Wattage	Colour Temp.	Lumens	Avg. Rated Life (Hrs)	IP Rating	MOM / OPQ
KBAT4	4ft	18W	4000K	1800 lm	30,000 hrs	IP20	1/6
KBAT5	5ft	24W		2400 lm			
KBAT6	6ft	32W		3400 lm			

BATTENS - INTERIOR







5FT LED TWIN SLIMLINE CEILING FITTINGS



A slim, modern design LED ceiling fitting which offers a more stylish alternative to traditional battens. Where a more aesthetically pleasing fixture is desirable this versatile and elegant light source is suitable for commercial, retail and domestic applications

- \bullet Polycarbonate and aluminium construction \bullet 100 lm/W \bullet Earthed
- IES files available (not EM3) Push terminal connections

1503mm (5ft) 43r

V1

EMERGENCY VERSION (WITH LDLEM3):

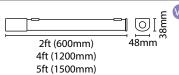
- LED glows green in standby mode and super bright white light in the event of a mains failure
- Minimum 3 hour functionality in emergency mode 118 lumens in emergency mode
- Battery Ni-Cd 3.6V 2000mAh Battery 1 year warranty Replacement battery code: EB2

Code	Version	Wattage	Colour Temp.	Lumens	Avg. Rated Life (Hrs)	IP Rating	MOM / OPQ
ELEGANCE5	Standard	50W	4000K	5000 lm	40,000 hrs	IP20	1/6
ELEGAN5EM3	Emergency						
ELESUSPACK Suspension Pack - Cable Length: 1m							1 / 100

S Year Warranty

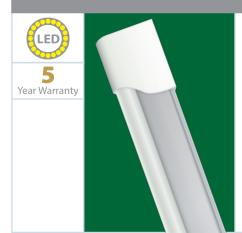
IP65 LED NANO UTILITY BATTENS

- Tough polycarbonate construction
- Push fit terminal connections for quick installation
- Cable gland included
- Double insulated IES files available



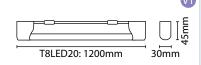
Code	Length	Wattage	Colour Temp.	Lumens	Avg. Rated Life (Hrs)	IP Rating	MOM / OPQ
KNANOIP2FT	2ft	15W		1800 lm			
KNANOIP4FT	4ft	20W	4000K	2550 lm	40,000 hrs	IP65	1/20
KNANOIP5FT	5ft	25W		2870 lm			

T8 SLIMLINE LED BATTEN

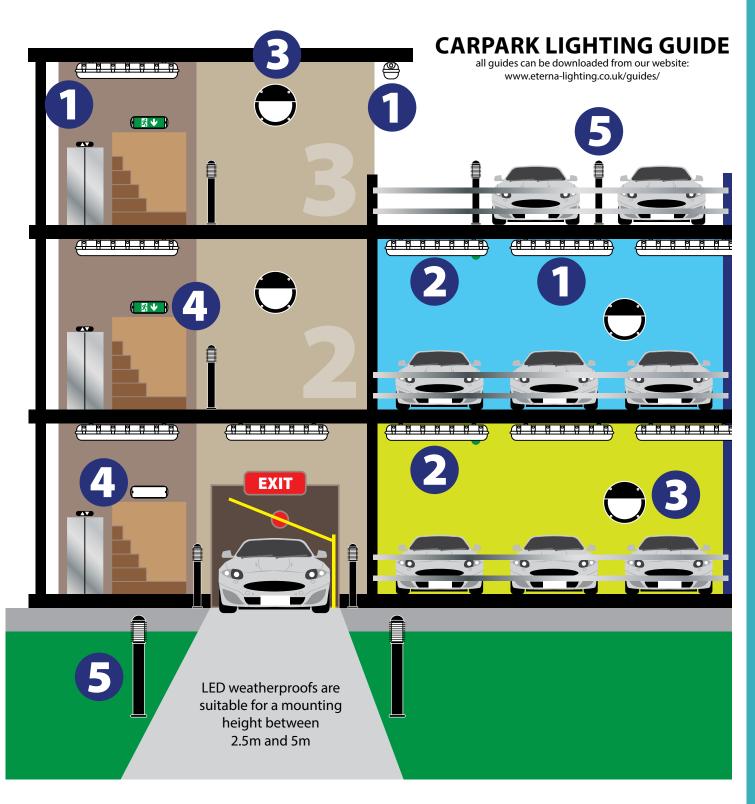


- \bullet Polycarbonate and aluminium construction \bullet Up to 87.5 lm/W
- Low energy alternative to a standard fluorescent batten
- Ultra-bright LEDs: low power consumption with enhanced life expectancy
- Slim design: offers a more stylish and modern solution to traditional battens
- Snap in fixing clips: easy installation
- Double insulated

Code	Length	Wattage	Colour Temp.	Lumens	Avg. Rated Life (Hrs)	IP Rating	MOM / OPQ
T8LED20	1200mm / 4ft	20W	4000K	1600 lm	20,000 hrs	IP20	1/20



BATTENS WEATHERPROOF



BATTENS - WEATHERPROOF

LED WEATHERPROOF IP65 BATTENS & LITION EMERGENCY VERSIONS





Emergency Product





This range is quick and easy to install due to "loop in & out" push fit connectors and features an IK10 "anti-drop" diffuser

- Multiple cable entries, allowing for "loop in & out" wiring via push fit terminal block Earthed
- "Anti-drop" polycarbonate diffuser & gear tray for ease of installation Producing up to 106 lm/W
- Three mounting options BESA box, directly onto ceiling surfaces or stainless steel suspension clips (incl)
- Standard fitting operating temperature: -20 to 45°C Emergency fitting operating temperature: 0 to 45°C
- Supplied with a 20mm IP65 gland & fixings kit IK10 rated fitting maximises durability and strength
- LED performance allows for "like for like" replacement of existing fluorescent luminaires IES files available

EMERGENCY VERSIONS:

- Emergency 3 hour duration maintained operation with the facility for remote switching
- Battery Li-lon 6.4V 1500mAh
- Battery 5 year warranty Replacement battery code: EB20



1260mm (4ft) 1560mm (5ft) 1830mm (6ft)

Single: 90mm Twin: 135mm

V1

MICROWAVE SENSOR VERSIONS:

• Integral adjustable microwave sensor, options to adjust daylight sensor 2-50 lux or disable, detection sensitivity 10-100% (range up to 10m, angle 30-150°). Hold on time 5 seconds to 15 minutes

Code	Version	Wattage	Colour Temp.	Lumens	Avg. Rated Life (Hrs)	IP / IK Rating	MOM / OPQ			
Standard										
WP42	4ft Twin	38W		3880 lm	40,000 hrs	IP65 IK10	1/1			
WP52	5ft Twin	58W	4000K	6020 lm						
WP61	6ft Single	35W	4000K	3680 lm						
WP62	6ft Twin	68W		6980 lm						
Emergency	Emergency									
WP52EM3	5ft Twin	58W	4000K	6020 lm	40,000 hrs	IP65 IK10	1/1			
WP61EM3	6ft Single	35W	4000K	3680 lm			171			
MW Sensor										
WP42MW	4ft Twin	38W		3880 lm						
WP51MW	5ft Single	30W	4000K	3180 lm	40 000 bys	IP65	1/1			
WP61MW	6ft Single	35W	4000K	3680 lm	40,000 hrs	IK10	1/1			
WP62MW	6ft Twin	68W		6980 lm						





Year Warranty IP65

5FT LED ECONOMY WEATHERPROOF

- Polycarbonate construction
- Pre-wired with 1.5m cable
- Double insulated IES files available

Code	Wattage	Colour Temp.	Lumens	Avg. Rated Life (Hrs)	IP Rating	MOM / OPQ
VECOWP5FT	45W	4000K	4400 lm	30,000 hrs	IP65	1/20

1500mm

BATTENS - WEATHERPROOF

LED WEATHERPROOF IP65 BATTENS & ☐=1000 EMERGENCY VERSIONS









IK10



This range is quick and easy to install due to "loop in & out" push fit connectors and features an IK10 "anti-drop" diffuser

- Multiple cable entries, allowing for "loop in & out" wiring via push fit terminal block Earthed
- "Anti-drop" polycarbonate diffuser & gear tray for ease of installation IES files available
- Three mounting options BESA box, directly onto ceiling surfaces or stainless steel suspension clips (incl)
- Stainless steel diffuser clips supplied as standard, suitable for food industry applications
- Standard fitting operating temperature: -20 to 45°C Emergency fitting operating temperature: 0 to 45°C
- Supplied with a 20mm IP65 gland & fixings kit IK10 rated fitting maximises durability and strength
- LED performance allows for "like for like" replacement of existing fluorescent luminaires
- Producing up to 106 lm/W IES files available for lighting designs

EMERGENCY VERSIONS:

- Emergency 3 hour duration maintained operation with the facility for remote switching
- Battery Li-lon 6.4V 1500mAh
- Battery 5 year warranty Replacement battery code: EB20



Twin: 135mm

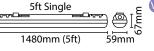
Code	Version	Wattage	Colour Temp.	Lumens	Avg. Rated Life (Hrs)	IP / IK Rating	MOM / OPQ		
Standard									
KWPSIN5	5ft Single	30W		3180 lm	40,000 hrs	IP65 IK10	1/6		
KWPTWI5	5ft Twin	58W	4000K	6020 lm					
KWPSIN6	6ft Single	35W		3680 lm					
KWPTWI6	6ft Twin	68W		6980 lm					
Emergency									
KWPEM3SIN5	5ft Single	30W		3180 lm			1/1		
KWPEM3TWI5	5ft Twin	58W	4000K	6020 lm	40 000 bys	IP65			
KWPEM3SIN6	6ft Single	35W	4000K	3680 lm	40,000 hrs	IK10			
KWPEM3TWI6	6ft Twin	68W		6980 lm					

IP65 LED ECONOMY WEATHERPROOFS





- Polycarbonate diffuser ABS housing
- Multiple fixing options supplied with surface mounting brackets and suspension hooks
- Push fit terminal connections
- Temporary suspension option for easy installation
- · Cable entries on end and back of fitting
- Earthed IES files available



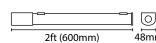


Code	Version	Wattage	Colour Temp.	Lumens	Avg. Rated Life (Hrs)	IP Rating	MOM / OPQ
VECO5WPSI2	5ft Single	30W		2900 lm	40,000 hrs	IP65	1/6
VECO5WPTW2	5ft Twin	45W	40001/	4300 lm			
VECO6WPSI2	6ft Single	48W	4000K	4500 lm			
VECO6WPTW2	6ft Twin	65W		6200 lm			

Year Warranty IP65

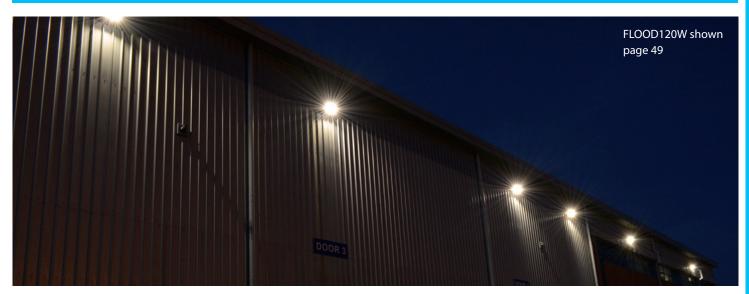
IP65 LED NANO UTILITY BATTENS

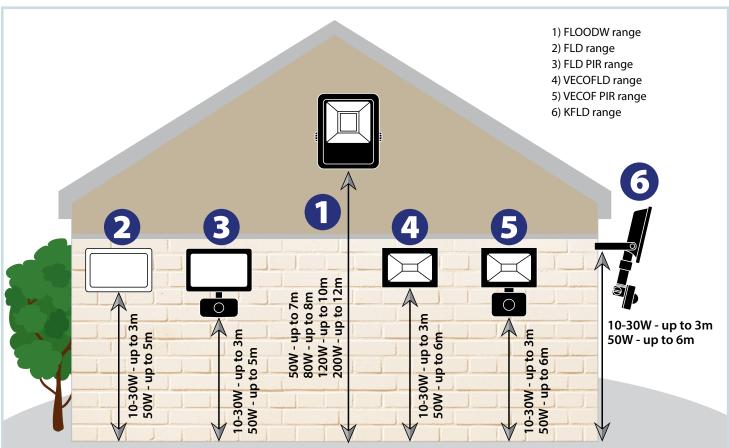
- Tough polycarbonate construction
- Push fit terminal connections for quick installation
- Cable gland included
- Double insulated IES files available



4ft	(1200mm)
5ft	(1500mm)

Code	Length	Wattage	Colour Temp.	Lumens	Avg. Rated Life (Hrs)	IP Rating	MOM / OPQ
KNANOIP2FT	2ft	15W		1800 lm			
KNANOIP4FT	4ft	20W	4000K	2550 lm	40,000 hrs	IP65	1/20
KNANOIP5FT	5ft	25W		2870 lm			





FLOODLIGHTING MOUNTING HEIGHTS GUIDE

all guides can be downloaded from our website: www.eterna-lighting.co.uk/guides/

LED FLOODLIGHTS















- Aluminium & polycarbonate construction Horizontally and vertically adjustable bracket
- Detachable bracket allowing easy installation
- Fixed IP rated connector for wiring direct to the floodlight
- Terminal connector can be removed for ease of wiring Earthed IES files available

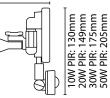
PIR VERSIONS:

- Horizontally and vertically adjustable PIR with 120° detection angle
- Time on adjustment
- 10 sec \pm 3 sec 10 mins \pm 3 mins
- 10W-30W: detection range 9m
- 50W: adjustable detection range between 4-8m
- Lux level adjustments: 5 Lux ~ 2000 Lux

10W: 108mm 20W: 138mm 30W: 179mm 50W: 214mm

10W: 20W: 30W: 50W: : 79mm 100mm 128mm : 154mm \bigcirc

10W: 89mm 20W: 89mm 30W: 119mm 50W: 124mm



Code	Colour	Wattage	Colour Temp.	Lumens	Avg. Rated Life (Hrs)	IP Rating	MOM / OPQ			
Standard										
FLD10BK	Black	10W		800 lm			1 / 40			
FLD10WH	White	TOVV		800 1111		IP65	1 / 40			
FLD20BK	Black	20W		1600 lm			1/20			
FLD20WH	White	30W	4000K	1000 1111	25,000 hrs		1 / 20			
FLD30BK	Black			2400 lm						
FLD30WH	White			2400 1111			1/10			
FLD50BK	Black			4000 lm			1/10			
FLD50WH	White	5000								
120° PIR										
FLD10PIRBK	Black	10W		800 lm			1/20			
FLD10PIRWH	White	1000		800 1111			1 / 20			
FLD20PIRBK	Black	2014		1600 l						
FLD20PIRWH	White	20W	4000K	1600 lm	25,000 hrs	IP44				
FLD30PIRBK	Black	30W		2400 lm			1 / 10			
FLD30PIRWH	White	3000		2400 lm						
FLD50PIRWH	White	50W		4000 lm						

ECONOMY LED FLOODLIGHTS





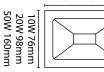


- Aluminium body with tempered glass diffuser IES files available
- Pre-wired with 30cm flex Quick fix bracket Earthed

PIR VERSIONS:

- Vertically and horizontally adjustable PIR
- •Time on adjustment: $10 \sec \pm 3 \sec 10 \min \pm 3 \min$
- 120° detection angle
- 8 metre detection range
- Lux level adjustments: 10 Lux ~ 2000 Lux

10W 100mm 20W 132mm 50W 218mm







10W 25mm

20W 26mm

Code	Wattage	Colour Temp.	Lumens	Avg. Rated Life (Hrs)	IP Rating	MOM / OPQ
Standard						
VECOFLD10	10W	4000K	850 lm	25,000 hrs	IP65	1 / 40
VECOFLD50	50W		4250 lm			1 / 20
120° PIR						
VECOF10PIR	10W		850 lm			1 / 40
VECOF20PIR	20W	4000K	1700 lm	25,000 hrs	IP44	1/30
VECOF50PIR	50W		4250 lm			1 / 20

KFLD RANGE QUICK FIX, PLUG & PLAY PIR ATTACHMENT



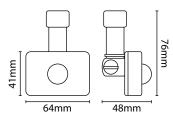
LED FLOODLIGHTS WITH PIR ATTACHMENT OPTION

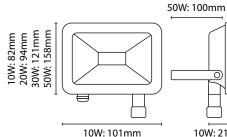


- · Aluminium body with tempered glass diffuser
- Pre-wired with 22cm 3 core flex Quick fix bracket Earthed

KFLDPIR:

- Vertically and horizontally adjustable PIR
- Time on adjustment:
- $10 \sec \pm 3 \sec 7 \min \pm 2 \min$
- Lux level adjustments: 5 Lux ~ 2000 Lux
- 120° detection angle
- 10 metre detection range





10W: 112mm 20W: 123mm 30W: 139mm 50W: 170mm

10W: 55mm

20W: 75mm 30W: 78mm V1

10W: 101mm 20W: 120mm 30W: 158mm 50W: 203mm

10W: 21mm 20W: 21mm 30W: 21mm 50W: 31mm

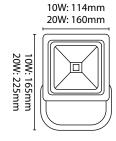
Code	Wattage	Colour Temp.	Lumens	Avg. Rated Life (Hrs)	IP Rating	MOM / OPQ
KFLD10	10W	40001/	900 lm	25,000 hrs		1/60
KFLD20	20W		1800 lm			1 / 40
KFLD30	30W	4000K	2800 lm		IP65	1/30
KFLD50	50W		4500 lm			1/20
KFLDPIR	Quick Fix,		1 / 100			

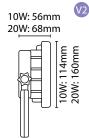
ECONOMY LED RECHARGEABLE FLOODLIGHTS WITH LIFTON BATTERY





- ABS housing Safety glass cover
- 10W: 2 x 18650 Li-ion battery 3.7V, capacity 2200mAh
- 20W: 4 x 18650 Li-ion battery 7.4V, capacity 4400mAh
- 4 hours illumination (with full charge)
- Charge times from full discharge are as follows: 6 hours (mains charger) / 6 hours (car charger)
- IP44: enables internal and external use
- Comes complete with mains charger and car charger

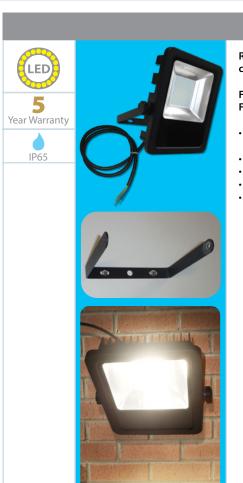




Code	Wattage	Colour Temp.	Lumens	Avg. Rated Life (Hrs)	IP Rating	MOM / OPQ
VECORCFL10	10W	40001/	650 lm	30,000 hrs	IP44	1/10
VECORCFL20	20W	4000K	1300 lm			1/5





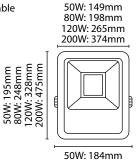


HIGH OUTPUT LED FLOODLIGHTS

Robust high output floodlight range offering performance and durability for industrial and commercial applications

FLOOD50W / 80W - PERFECT FOR INDUSTRIAL & COMMERCIAL APPLICATIONS FLOOD120W / 200W - PERFECT WHEN A HIGHER MOUNTING HEIGHT IS REQUIRED

- High Power LED Chip array: which is better suited to these higher power ratings, where the large physical size of the housing and chip array maximises performance available from this technology
- 4000K colour temperature: bright light without the harsh effect of higher colour temperature products
- Die cast aluminium construction, toughened safety glass lens
- Pre-wired with 80cm of cable
- Over 108 lm/W Earthed IES files available



80W: 234mm 120W: 314mm 200W: 422mm

50W: 136mm 80W: 163mm 120W: 220mm 200W: 310mm **Bracket Width:** 50W: 20mm ⊺ 80W: 20mm 0 120W: 44mm

200W: 44mm

Bracket Length:

50W: 66mm 80W: 70mm 120W: 82mm 200W: 113mm

Code	Wattage	Colour Temp.	Lumens	Avg. Rated Life (Hrs)	IP Rating	MOM / OPQ
FLOOD50W	50W		5400 lm	25,000 hrs	IP65	1/6
FLOOD80W	80W	40001/	9400 lm			1/4
FLOOD120W	120W	4000K	14500 lm			1/1
FLOOD200W	200W		23000 lm			1/1

Illuminance Area diagrams for ALL the FLOODW range floodlights can be found on the website

FLOOD50W Illuminance Area

>=10 LUX AVERAGE

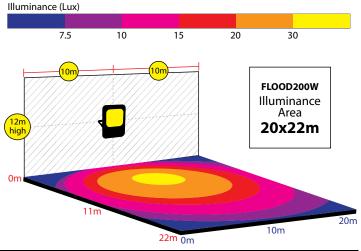
General circulation areas at outdoor work places

Illuminance (Lux) 7.5 10 15 20 FLOOD50W Illuminance Area 12x10m 10m_{0m}

EXAMPLE FOR MEDIUM TRAFFIC PARKING AREAS EXAMPLE FOR MEDIUM TRAFFIC PARKING AREAS >=10 LUX AVERAGE

FLOOD200W Illuminance Area

General circulation areas at outdoor work places



Based On Maintenance Factor 0.8 / Floodlight Angle: 63°

Based On Maintenance Factor 0.8 / Floodlight Angle: 63°

COMMON **FLOODLIGHT IP RATINGS**



The access probe of 1.0mm diameter shall not penetrate.

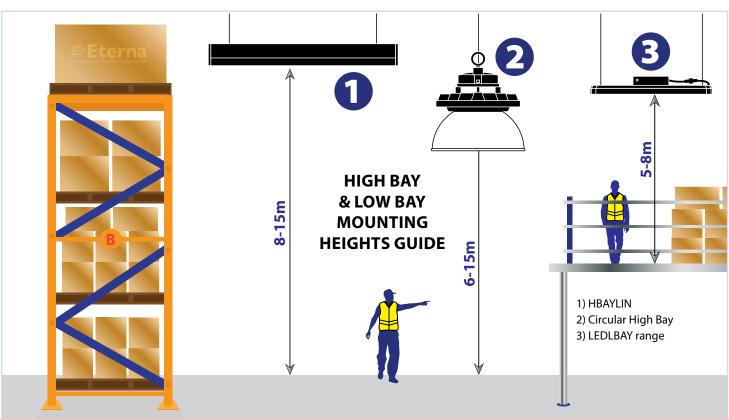
Protected against water splashed from P44 all directions. Limited ingress permitted.



Totally protected against the ingress of dust. Protected against jets of water. IP65 Limited ingress permitted.

HIGH & LOW BAY





HIGH & LOW BAY



LINEAR LED LUMINAIRES

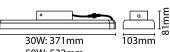


IP40

Not just a low bay!! Although suitable for use as low bay for warehouse lighting the aesthetic design also lends itself to installation in public areas. IES files available to enable lighting plans



- Frosted polycarbonate diffuser Aluminium housing
- Suspension pack included, max length 1.5m
- Brackets available separately (see LBB range) for surface mounting or to enable installation with threaded rod
- Fitted with 1.5m mains input cable
- •>119 lm/W Earthed IES files available



50W: 522mm 80W: 820mm 120W: 1220mm

Code	Wattage	Colour Temp.	Lumens	Avg. Rated Life (Hrs)	IP Rating	MOM / OPQ	
LEDLBAY30	30W		3622 lm	50,000 hrs	IP40	1/10	
LEDLBAY50	50W	4000K	6263 lm			1/8	
LEDLBAY80	80W		9734 lm			1/6	
LEDLBAY120	120W		14309 lm			1/4	
LBB3050	1 x 283mr	m Fixing B	racket For LE	DLBAY30/50		1/20	
LBB80	1 x 530mr	1 x 530mm Fixing Bracket For LEDLBAY80					
LBB120	2 x 224mm Fixing Brackets For LEDLBAY120					1 / 40	

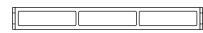


	0
150W LINEAR HIGHBAY WITH 90°	PIFNS





Long life, high performance luminaire offering low energy consumption and high lumen output at 143 lumens per watt. Ideal replacement for traditional HID metal halide fittings. For use in racked areas of warehouses or many other applications such as manufacturing, leisure facilities and retail environments

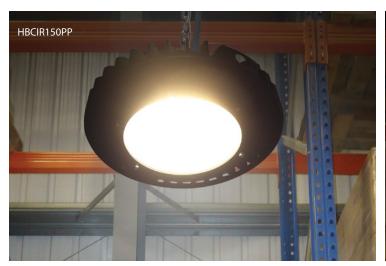


850mm

- Aluminium housing, polycarbonate lens cover
- Supplied with 1.5m mains cable
- Includes adjustable hanging kit (1.5m length)
- Includes ceiling/wall tilt brackets
- Earthed IES files available

Code	Wattage	Colour Temp.	Lumens	Avg. Rated Life (Hrs)	IP Rating	MOM / OPQ
HBAYLIN	150W	6300K	21460 lm	40,000 hrs	IP20	1/4

HIGH & LOW BAY

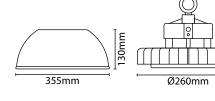




IP65 1-10V DIMMABLE LED CIRCULAR HIGH BAY WITH LIFUD DRIVER



- · Aluminium housing, glass lens cover
- IK08 rated durable construction
- 1-10V dimmable capability as standard
- Supplied with 42cm mains input cable and 33cm 1-10V cable
- 50cm stainless steel safety cable attached
- Philips Lumileds SMD LEDs
- 169 lm/W
- Earthed IES files available



V1

182mm

Code	Wattage	Colour Temp.	Lumens	Avg. Rated Life (Hrs)	IP / IK Rating	MOM / OPQ	
HBCIR150PP	150W	3500K	25400 lm	50,000 hrs	IP65 IK08	1/1	
HBCIRDIF90	90° Alumii	90° Aluminium Reflector					

DOWNLIGHTS

30-60-90 MINUTE FIRE RATED GUIDE

- ✓ Building regulation Part B specifies the level of fire protection within properties typically ceilings have to be 30, 60 or 90 minute rated
- Cutting a hole in the ceiling compromises its integrity
- ✓ It is important that fire rated downlights pass all three tests separately
- ✓ It is not safe to assume that passing the 90 minute test means a downlight would also pass the 30 and 60 minute tests
- ✓ Eterna fire rated downlights will maintain the original fire rating of 30, 60 and 90 minute ceilings
- ✓ In the event of a fire, intumescent material will expand to seal the hole and block the passage of fire from passing through the downlight







See page 56 for our fire rated downlights

ALL GUIDES CAN BE DOWNLOADED FROM OUR WEBSITE: www.eterna-lighting.co.uk/guides/





PLEASE NOTE: Due to the huge variety of dimmers in the market, dimming performance with all types cannot be guaranteed, compatibility should be tested before installation

DIMMABLE COB LED RECESSED COLOUR TEMPERATURE SELECTABLE **COMMERCIAL DOWNLIGHTS**



















This range is ideal for many applications, with high lumen efficiency for enhanced energy saving and colour temperature selection allowing the desired lighting effect to be chosen on installation

- Zero maintenance, integral light source providing instant light output
- LED performance allows for "like for like" replacement of fluorescent PL downlights
- Includes a plug and play constant current 0-10V dimmable LED driver
- · Recessed light source with opal diffuser and polished reflector to reduce glare
- Flame retardant aluminium housing, includes spring clips to fix within the ceiling
- High CRI rating of >80, making them perfect for retail applications, minimising colour distortion
- Lumen efficacy of up to 114 lm/W Double insulated IES files available
- Ability to be converted into an emergency luminaire: see below for emergency battery packs

Code	Wattage	Colour Temp.	Lumens	Avg. Rated Life (Hrs)	IP Rating	Hole Cut Out Size	MOM / OPQ
COMRCS25	25W	3000K 4000K 6000K	1590 lm / 1710 lm / 1640 lm	45,000 hrs	IP54	150mm	1/20
Accessories							
EBPM3	10-60V 10	0W Max B	attery Pack				1/1
SEEBPM3	Self Test	Self Test 10-60V 100W Max Battery Pack					
EBPM3LI	Li-lon 18-60Vdc Maximum 150W Battery Pack						1 / 40

· Minimum free air space around the fitting 50mm. Cannot be directly covered with insulation

DIMMABLE LED RECESSED COLOUR TEMPERATURE SELECTABLE COMMERCIAL DOWNLIGHTS



Colour Temp. Selectable

Dimmable



This range is ideal for many applications, with high lumen efficiency for enhanced energy saving and colour temperature selection allowing the desired lighting effect to be chosen on installation



V1

V1

• Tough polypropylene construction • Double insulated • IES files available

• Colour temperature selectable - options of 3000K/4000K/6000K

• High CRI rating of >80, making them perfect for retail applications, minimising colour distortion

• Lumen efficacy of up to 113 lm/W

• Integral terminal connections E- & E+ allow luminaire to be used in 3 hour emergency mode when used with Eterna battery packs

8W: 135mm 13W: 200mm

25W: 170mm

Code	Wattage	Colour Temp.	Lumens	Avg. Rated Life (Hrs)	IP Rating	Hole Cut Out Size	MOM / OPQ		
KCOMCS8	8W	3000K	845 lm / 872 lm / 847 lm			110mm	1/30		
KCOMCS13	13W	4000K	1401 lm / 1475 lm / 1442 lm	40,000 hrs	IP44	165mm	1 / 20		
KCOMCS18	18W	6000K	1985 lm / 2030 lm / 2025 lm			205mm	1 / 12		
Accessories									
EBPM3	10-60V 10	0W Max B	attery Pack (not compatible w	ith KCOMCS18	3)		1/1		
SEEBPM3	Self Test	Self Test 10-60V 100W Max Battery Pack (not compatible with KCOMCS18)							
EBPM3LI	Li-lon 18-	60Vdc Ma	ximum 150W Battery Pack (no	t compatible v	with KCOI	MCS18)	1 / 40		

ECONOMY RECESSED LED DOWNLIGHTS





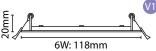


- Aluminium construction
- Multiple low power LED array: even, shadow free diffused light output
- Instant start to full illumination
- Unobtrusive design with neutral white trim
- 4000K colour temperature: for neutral white appearance
- · Double insulated

Code	Wattage	Colour Temp.	Lumens	Avg. Rated Life (Hrs)	IP Rating	Hole Cut Out Size	MOM / OPQ
VECORDL6	6W		480 lm	25,000 hrs	IP20	105mm	1 / 100
VECORDL12	12W	4000K	1200 lm			155mm	1 / 20
VECORDL24	24W		2400 lm			285mm	1 / 20



ble with KCOMCS18)	
mpatible with KCOMCS18)	1 / 40



Code	Wattage	Temp.	Lumens	Life (Hrs)	Rating	Out Size	OPQ
VECORDL6	6W		480 lm	25,000 hrs	IP20	105mm	1 / 100
VECORDL12	12W	4000K	1200 lm			155mm	1 / 20
VECORDL24	24W		2400 lm			285mm	1 / 20

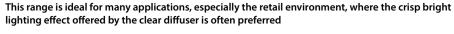
DIMMABLE COB LED RECESSED COMMERCIAL DOWNLIGHTS



Year Warranty









• LED performance allows for "like for like" replacement of fluorescent PL downlights

• Includes a plug and play constant current 0-10V dimmable LED driver

· Recessed polished diamond facet reflector with glass front to reduce glare

· Flame retardant aluminium housing, includes spring clips to fix within the ceiling

• High CRI rating of >80, making them perfect for retail applications, minimising colour distortion

• Lumen efficacy of up to 113.6 lm/W • Double insulated • IES files available

· Ability to be converted into an emergency luminaire: see below for emergency battery packs

Code	Wattage	Colour Temp.	Lumens	Avg. Rated Life (Hrs)	IP Rating	Hole Cut Out Size	MOM / OPQ	
COMDL15	15W		1705 lm	30,000 hrs	IP20	100mm	1 / 40	
COMDL25	25W	4000K	2400 lm			140mm	1/20	
COMDL40	40W		3500 lm			190mm	1/10	
Accessories								
EBPM3	10-60V 10	0W Max B	attery Pack				1/1	
SEEBPM3	Self Test 1	Self Test 10-60V 100W Max Battery Pack						
EBPM3LI	18-60Vdc 150W Max Li-lon Battery Pack							

• Minimum free air space around the fitting 150mm. Cannot be directly covered with insulation

COLOUR TEMPERATURE SELECTABLE RECESSED FLAT DOWNLIGHTS



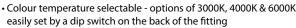








This range is ideal for many applications, with high lumen efficiency for enhanced energy saving and colour temperature selection allowing the desired lighting effect to be chosen on installation



· Flame retardant aluminium housing with polycarbonate diffuser, includes spring clips to fix within the ceiling

• Multiple LED low power array: even, shadow free diffused light output

• Zero maintenance, integral light source providing instant light output

• Flicker free operation • Lumen efficacy of up to 109 lm/W

• Slim profile design to allow installations with narrow ceiling voids

• Unobtrusive design with neutral white trim

• High CRI rating of >80, minimising colour distortion

• Double insulated • IES files available

Code	Wattage	Colour Temp.	Lumens	Avg. Rated Life (Hrs)	IP Rating	Hole Cut Out Size	MOM / OPQ
KFLATDL12	12W	3000K	1250 lm / 1300 lm / 1250 lm	40,000 hrs	IP44 (front)	155mm	1/30
KFLATDL18	18W	4000K	1900 lm / 1970 lm / 1900 lm			220mm	1/20
KFLATDL24	24W	6000K	2500 lm / 2530 lm / 2520 lm			280mm	1/16

• Minimum free air space around the fitting 50mm. Cannot be directly covered with insulation

IP65 MAINS SHOWER LIGHT CONVERTERS





- Steel construction
- Requires 1 x GU10 energy saving lamp (not included). Fitting is rated at 50W max
- Sprung bezel pulls off to facilitate easy lamp change
- Double insulated



Code	Colour	Wattage	IP Rating	Hole Cut Out Size	MOM / OPQ
SLGUCR	Polished Chrome				
SLGUSN	Brushed Nickel	50W Max	IP65	70mm	5 / 50
SLGUWH	White				



25W: 164mm

40W: 224mm

12W: 175mm

18W: 240mm

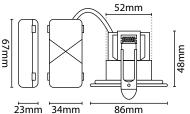
24W: 300mm

LED FIRE RATED COLOUR AND POWER SELECTABLE DIMMABLE DOWNLIGHT



Eterna's most flexible downlight; with dimmable LED, selectable power and selectable CCT, IP65 rating, plus fire rating for standard ceilings and I-Joist ceilings.

- Fixed pressed steel LED downlight with polycarbonate diffuser and 60mm cut out diameter
- Fire-rated for individual 30, 60 and 90 minute ceiling types
- Fire-rated for I-Joist ceiling types; separate 30 and 60 minute testing
- Power selectable use the rear-mounted dip switch to select 5W or 8W to achieve preferred lumen output and energy usage
- Colour temperature selectable easily select between 3000K, 4200K or 6500K to suit the application or preference
- Dimmable integrated LED light source (use compatible dimmer)
- Wide 60° beam angle and IP65 rating for general illumination of all general interior applications, including bathrooms
- Pre-wired with 10cm cable onto connector with push-fit terminal block suitable for loop-in loop-out connection
- Complete with classic white bezel with foam back to seal against air permeability. Additional chrome, satin nickel or black bezels available



V1

V1

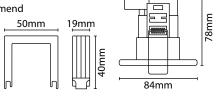
V1

Code	Colour Temp.	5W Lumens	8W Lumens	Avg. Rated Life (Hrs)	IP Rating	Hole Cut Out Size	MOM / OPQ	
FIRELEDPCS	3000K 4200K 6500K	475 lm 532 lm 510 lm	745 lm 849 lm 790 lm	50,000 hrs	IP65	60mmØ	1 / 40	
Accessories								
FIRETRCR	Chrome t	rim						
FIRETRSN	Brushed N	Brushed Nickel trim						
FIRETRBK	Black trim	Black trim						

ECONOMY LED IP65 FIRE RATED DIMMABLE DOWNLIGHT



- Pressed steel construction 60° beam angle Push terminals
- Fire rated tested for individual 30, 60 and 90 min ceiling types
- Dimmable for optimum dimming performance we recommend using a compatible LED dimmer
- Foam bezel seals against air permeability
- Integrated chrome bezel with additional satin nickel and white bezels also included
- Double insulated IES files available
- VECOIBRACK polycarbonate construction

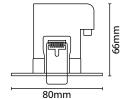


Code	Wattage	Colour Temp.	Lumens	Avg. Rated Life (Hrs)	IP Rating	Hole Cut Out Size	MOM / OPQ
VECOIFIRE3	5W	3000K	540 lm	36,000 hrs	IP65	60mm	1 / 40
VECOIBRACK	Insulating	Insulating Bracket					

5W DIMMABLE FIRE RATED IP65 LED DOWNLIGHTS



- $Compact \ and \ convenient \ design \ with \ high \ quality \ loop \ in, \ loop \ out \ terminal \ block$
- ullet Fire Rated individually tested within 30, 60 and 90 minute ceiling constructions
- Foam bezel seals against air permeability
- Compact and convenient design
- 40° beam angle
- Push terminals
- · Loop-in Loop-out wiring facility
- Earthed IES files available



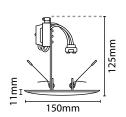
Code	Colour	Wattage	Colour Temp.	Lumens	Avg. Rated Life (Hrs)	IP Rating	Hole Cut Out Size	MOM / OPQ
KFIRE4CR	Polished Chrome					IP65		
KFIRE4SN	Brushed Nickel	5W 4000K		515 lm	25,000 hrs	(front) IP20	65mm	1 / 20
KFIRE4WH	White					(rear)		

MAINS / LOW VOLTAGE CEILING DOWNLIGHT CONVERTERS

Year Warranty



- Pressed steel construction Fitting is rated at 50W max
- Supplied with ceramic GU10 & GU5.3 lampholders
- Pre-wired with low voltage lampholder, GU10 lampholder option also included
- Hole cut out 70-140mm: replaces a wide range of outdated downlights
- Shallow profile: neat, unobtrusive solution
- Converts traditional mains R50, R64 and R80 downlight and eyeball dimensions to modern GU10 or low voltage lighting: allows use of modern light source without expensive repairs & decoration
- Double insulated



Code	Colour	Wattage	IP Rating	Hole Cut Out Size	MOM / OPQ	
CR80CR	Polished Chrome					
CR80SN	Brushed Nickel	50W Max	IP20	70mm -140mm	5 / 40	
CR80WH	White			1 10111111		

LED SURFACE / RECESSED CABINET DOWNLIGHTS



5 Year Warranty



- Steel construction Visually similar to 20W G4 halogen
- 3000K warm colour temperature: offering a pleasing lighting appearance
- 1.7W = 160 lumens: ideal low energy solution to standard halogen cabinet lights
- Not suitable for use with dimmers
- Pre-wired with 2m mains cable and no separate driver required: facilitating easy installation
- Mains voltage: integral driver Double insulated



Code	Colour	Wattage	Colour Temp.	Lumens	Avg. Rated Life (Hrs)	IP Rating	Hole Cut Out Size	MOM / OPQ
CLEDCIR	Nickel	1.7W	3000K	160 lm	20 000 bro	IP20	61mm	1 / 40
CLEDCIRWH	White	1.7 VV	3000K	160 III	30,000 hrs	IP20	61mm	1 / 40

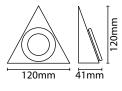
LED TRIANGLE CABINET DOWNLIGHT



5 Year Warranty



- Steel construction Visually similar to 20W G4 halogen
- 3000K warm colour temperature: offering a pleasing lighting appearance
- 1.7W = 160 lumens: ideal low energy solution to standard halogen cabinet lights
- Not suitable for use with dimmers
- Pre-wired with 2m mains cable and no separate driver required: facilitating easy installation
- Mains voltage: integral driver Double insulated



Code	Wattage	Colour Temp.	Lumens	Avg. Rated Life (Hrs)	IP Rating	MOM / OPQ
CLEDTRI	1.7W	3000K	160 lm	30,000 hrs	IP20	1 / 40

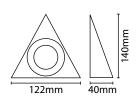
PLASTIC LED UNDER CABINET LIGHT



5 Year Warranty

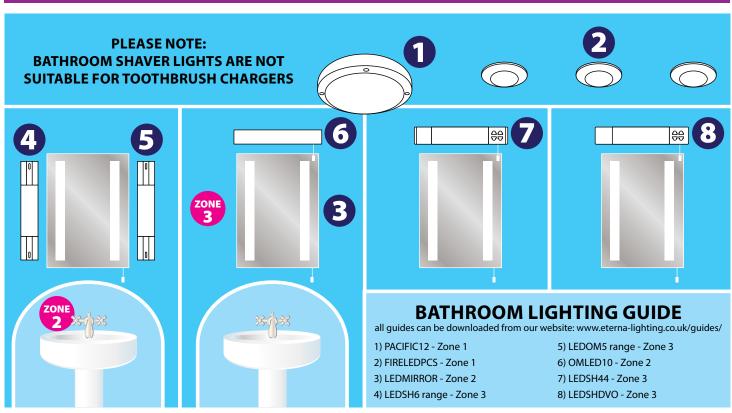


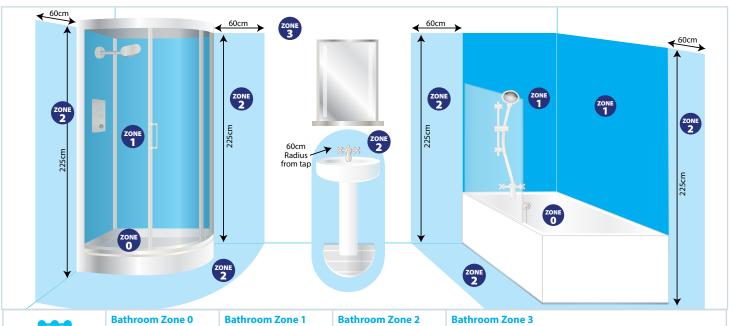
- Polycarbonate construction
- 3000K warm white colour temperature: offering a pleasing lighting appearance
- 2W = 100 lumens: ideal low energy solution to standard halogen cabinet lights
- Pre-wired with 2m mains cable and no separate driver required: facilitating easy installation
- Not suitable for use with dimmers
- Not suitable for recessed installation Double insulated



Code	Version	Wattage	Colour Temp.	Lumens	Avg. Rated Life (Hrs)	IP Rating	MOM / OPQ
VECOCABPTR	Triangle	2W	3000K	100 lm	30,000 hrs	IP20	1/100

BATHROOM LIGHTING





Outside the bath or

shower, extending 0.6

metres beyond zone 1 and including the area

around wash basins

Outside zones 0, 1 or 2 and where no water jet is likely to be

used for cleaning purposes. No specific IP rating is required.

If water jets are used for cleaning in zones 1, 2 or 3, a fitting

must have a minimum IPx5 rating

Zone

The interior of the bath

or shower tray

Above the bath or

of 2.25 metres from

the floor

shower tray to a height

BATHROOM LIGHTING

"DESIGNER STYLE" SHAVERLIGHT LUMINAIRES



Contemporary "designer style" alternative to standard functional products

- · Vertical or horizontal mounting · Elegantly integrated push switch
- IP21 rated and insulated class 2 construction
- · Available in chrome or white to compliment most bathroom decors
- Permanent power to shaver socket allowing use when not illuminated
- Dual voltage 110V and 240V shaver socket located under a slide to open cover maintains sleek appearance when not in use
- Double insulated

Code	Colour	Wattage	Colour Temp.	Lumens	Avg. Rated Life (Hrs)	IP Rating	MOM / OPQ
LEDSH6CR	Chrome	6W	20001/	520 lm	25 000 has	IP21	1/10
LEDSH6WH	White	OVV	3000K	520 IIII	25,000 hrs	IP21	1 / 10

SEE PAGE 60 FOR MATCHING OVER MIRROR LIGHTS IN THIS RANGE

LED DUAL VOLTAGE SHAVER LIGHT



Ever popular fittings offering functionality and long term performance for domestic and commercial bathrooms

- Polycarbonate construction Optional fit chrome effect trims included
- Dual voltage shaver socket and safety isolating transformer: for bathroom use
- Permanent power to shaver socket: with a pull cord switch for isolated illumination
- · Access cover to connection block: easy wiring from the front of the fitting
- Earthed

Code	Wattage	Colour Temp.	Lumens	Avg. Rated Life (Hrs)	Fitting IP Rating	Socket IP Rating	MOM / OPQ
LEDSH44	5.5W	3000K	410 lm	25,000 hrs	IP44	IP21	1/10

LED DUAL VOLTAGE SHAVER LIGHT



Versatile fitting offering functionality and long term performance for domestic and commercial bathrooms

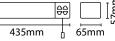
435mm

390mm

390mm

65mm

480mm



- Polycarbonate construction
- Requires 1 x S15 284mm double ended tubular lamp (included). Fitting is rated at 60W max
- Low energy consumption and prolonged lamp life
- Instant start, super bright LED's, 3000K warm colour temperature: offering a pleasing light appearance
- High CRI ≥80: minimises colour distortion of illuminated objects
- Dual voltage shaver socket and safety isolating transformer: for bathroom use
- · Mains isolation upon diffuser removal
- NOTE: the shaver socket will only operate when the light is switched on
- Farthed

Code	Wattage	Colour Temp.	Lumens	Avg. Rated Life (Hrs)	IP Rating	MOM / OPQ
LEDSHDVO	6W	3000K	400 lm	15,000 hrs	IP20	1/10

18W LOW ENERGY DUAL VOLTAGE SHAVER LIGHT



- Polycarbonate construction Optional fit chrome effect trims included
- Requires 1 x 18W 2G11 single turn L 4 pin CFL lamp (included). Fitting is rated at 18W max
- Permanent power to shaver socket Transformer is double-wound isolated
- Dual voltage shaver socket and safety isolating transformer: for bathroom use
- · Access cover to connection block: easy wiring from the front of the fitting
- Dedicated low energy light source Earthed

Code	Wattage	Colour Temp.	Lumens	Avg. Rated Life (Hrs)	Fitting IP Rating	Socket IP Rating	MOM / OPQ
SH1844DVO	18W	3500K	380 lm	10,000 hrs	IP44	IP21	5/10

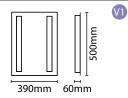
65mm

BATHROOM LIGHTING

LED MIRROR LIGHT WITH DUAL VOLTAGE SHAVER SOCKET



- Pressed steel base & glass mirror
- Pull cord on/off switch
- Diffused rectangular light apertures: soft lighting effect
- Permanent power to integrated dual voltage shaver socket: eliminates the need for separate shaver socket
- Safety isolating transformer on shaver outlet Earthed



390mm

60mm

Code	Wattage	Colour Temp.	Lumens	Avg. Rated Life (Hrs)	IP Rating	MOM / OPQ
LEDMIRROR	10.3W	3000K	130 lm	30,000 hrs	IP44	1/1

MIRROR LIGHT WITH DUAL VOLTAGE SHAVER SOCKET



- Requires 2 x 15W G13 T8 450mm fluorescent tubes (included). Fitting is rated at 15W max (per lampholder)
- Pull cord on/off switch
- Diffused rectangular light apertures: soft lighting effect
- Permanent power to integrated dual voltage shaver socket: eliminates the need for separate shaver socket
- Safety isolating transformer on shaver outlet: suitable for bathroom use
- High frequency electronic ballast: instant start, flicker free operation, and prolonged lamp life
- Earthed

Code	Wattage	Colour Temp.	Lumens	Avg. Rated Life (Hrs)	IP Rating	MOM / OPQ
ML5040	2 x 15W	2700K	2 x 1010 lm	15,000 hrs	IP44	1/1





BATHROOM LIGHTING

POLISHED CHROME IP44 LED CEILING/WALL LIGHT

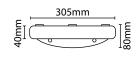






This stylish fitting is ideal for installation in a multitude of situations. Ceiling or wall mounted in a domestic or commercial setting and suitable for bathrooms. Long life, energy efficient alternative to traditional fluorescent luminaires

- Steel construction Polished chrome finish Corrosion resistant stainless steel fixing screws
- Multiple low power LED array & optically optimised diffuser: ensures a soft, even lighting effect with no degradation of light output
- · Suitable for bathroom use · Push fit terminals
- 3100K warm colour temperature: offering a pleasing light appearance
- Farthed



V1

Code	Wattage	Colour Temp.	Lumens	Avg. Rated Life (Hrs)	IP Rating	MOM / OPQ
PACIFIC12	12W	3100K	800 lm	30,000 hrs	IP44	1/5

LED FIRE RATED COLOUR AND POWER SELECTABLE DIMMABLE DOWNLIGHT









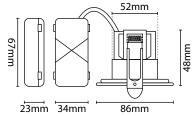


Fire Rated



Eterna's most flexible downlight; with dimmable LED, selectable power and selectable CCT, IP65 rating, plus fire rating for standard ceilings and I-Joist ceilings.

- Fixed pressed steel LED downlight with polycarbonate diffuser and 60mm cut out diameter
- Fire-rated for individual 30, 60 and 90 minute ceiling types
- Fire-rated for I-Joist ceiling types; separate 30 and 60 minute testing
- Power selectable use the rear-mounted dip switch to select 5W or 8W to achieve preferred lumen output and energy usage
- Colour temperature selectable easily select between 3000K, 4200K or 6500K to suit the application or preference
- Dimmable integrated LED light source (use compatible dimmer)
- Wide 60° beam angle and IP65 rating for general illumination of all general interior applications, including bathrooms
- Pre-wired with 10cm cable onto connector with push-fit terminal block - suitable for loop-in loop-out connection
- · Complete with classic white bezel with foam back to seal against air permeability. Additional chrome, satin nickel or black bezels available



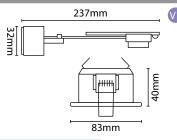
Code	Colour Temp.	5W Lumens	8W Lumens	Avg. Rated Life (Hrs)	IP Rating	Hole Cut Out Size	MOM / OPQ
FIRELEDPCS	3000K 4200K 6500K	475 lm 532 lm 510 lm	745 lm 849 lm 790 lm	50,000 hrs	IP65	60mmØ	1 / 40
Accessories							
FIRETRCR	Chrome t	rim					
FIRETRSN	Brushed I	Brushed Nickel trim					
FIRETRBK	Black trim	1					

IP65 MAINS SHOWER LIGHT CONVERTERS





- Steel construction
- Requires 1 x GU10 energy saving lamp (not included). Fitting is rated at 50W max
- Sprung bezel pulls off to facilitate easy lamp change
- Double insulated



Code	Colour	Wattage	IP Rating	Hole Cut Out Size	MOM / OPQ
SLGUCR	Polished Chrome				
SLGUSN	Brushed Nickel	50W Max	IP65	70mm	5 / 50
SLGUWH	White				

CABINET LIGHTING









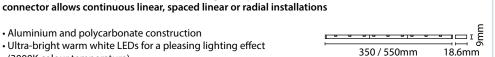


CABINET LIGHTING





Ultra low power consumption with excellent light output. The inclusion of a link lead and butt



- Aluminium and polycarbonate construction
- Ultra-bright warm white LEDs for a pleasing lighting effect (3000K colour temperature)
- Reeded diffuser for soft diffused light
- Fixing clips included for under-cabinet or wall installation
- 300mm link lead and butt connector included: allowing flexible linking options • Double insulated

140mm

- For use with SFLWW range only Allows multiple strip lights to be linked
- Includes 0.5m mains cable & 2m fitting supply cable with amp-plug connector: easy installation
- Allows any combination of SFLWW9 & SFLWW15 upto a maximum power load of 36W: simply link the first fitting to the driver and subsequent fittings to each other

Code	Version	Rated Wattage	Colour Temp.	Lumens	Avg. Rated Life (Hrs)	IP Rating	MOM / OPQ
SFLWW9	9 LED	2.2W	3000K	230 lm	20,000 hrs	IP20	1 / 10
SFLWW15	15 LED	3.6W	3000K	360 lm			
SFLDR36	36W Con		1 / 20				

LINEAR T4 LINKABLE TRIPHOSPHOR UNDER CABINET FITTINGS





- TUS6NL requires 1 x 6W G5 T4 220mm fluorescent tube (included). Fitting is rated at 6W max
- TUS20NL requires 1 x 20W G5 T4 567mm fluorescent tube (included). Fitting is rated at 20W max
- Polycarbonate construction Individual rocker switch Link & light system compatible
- Incorporates plug and socket with through wiring: can be linked with up to 5 other fittings
- 2 metres link mains lead included Double insulated

REPLACEMENT LAMPS (N64 RANGE):

- Glass construction Not dimmable
- Specifically designed for use with Eterna brand fittings



V1

Code	Length	Wattage	Colour Temp.	Lumens	Avg. Rated Life (Hrs)	IP Rating	MOM / OPQ		
TUS6NL	270mm	6W	3400K	378 lm	10 000 h	IP20	F / F0		
TUS20NL	620mm	20W	3400K	1500 lm	10,000 hrs		5 / 50		
Replacement Lamps									
N64/3	341mm	10W	24001/	630 lm	10 000 has	IDOO	10 (200		
N64/5	468mm	16W	3400K	1090 lm	10,000 hrs	IP20	10 / 200		
Accessories									
NL1WH	1m	White Linl	k Lead	IP20	5 / 200				

CABINET LIGHTING

ECONOMY T5 LED LINKABLE FITTING







- Polycarbonate construction Rocker switch
- · Superb light output and lighting effect: low power consumption with enhanced life expectancy
- 1.8m mains lead with 22cm link lead: linkable with up to 5 other fittings
- Optically optimised diffuser: ensures a soft diffused light with no degradation of light output • Double insulated

<u>'</u>	
4W: 322mm	22mm
2\M· 525mm	

8W: 585mm 10W: 885mm 14W: 1185mm

Code	Wattage	Colour Temp.	Lumens	Avg. Rated Life (Hrs)	IP Rating	MOM / OPQ
VECOLT54	4W		350 lm	30,000 hrs	IP20	1/30
VECOLT58	8W	40001/	710 lm			
VECOLT510	10W	4000K	880 lm			
VECOLT514	14W		1240 lm			

LED SURFACE / RECESSED CABINET DOWNLIGHTS







- Steel construction Visually similar to 20W G4 halogen
- 3000K warm colour temperature: offering a pleasing lighting appearance
- 1.7W = 160 lumens: ideal low energy solution to standard halogen cabinet lights
- Not suitable for use with dimmers
- Pre-wired with 2m mains cable and no separate driver required: facilitating easy installation
- Mains voltage: integral driver Double insulated



Code	Colour	Wattage	Colour Temp.	Lumens	Avg. Rated Life (Hrs)	IP Rating	Hole Cut Out Size	MOM / OPQ
CLEDCIR	Nickel	1 7\\/	20001	160 lm	20 000 has	IDDO	C1	1 / 40
CLEDCIRWH	White	1.7W	3000K	160 lm	30,000 hrs	IP20	61mm	1 / 40

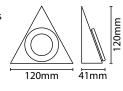
LED TRIANGLE CABINET DOWNLIGHT







- Steel construction Visually similar to 20W G4 halogen
- 3000K warm colour temperature: offering a pleasing lighting appearance
- 1.7W = 160 lumens: ideal low energy solution to standard halogen cabinet lights
- Not suitable for use with dimmers
- Pre-wired with 2m mains cable and no separate driver required: facilitating easy installation
- Mains voltage: integral driver Double insulated



Code	Wattage	Colour Temp.	Lumens	Avg. Rated Life (Hrs)	IP Rating	MOM / OPQ
CLEDTRI	1.7W	3000K	160 lm	30,000 hrs	IP20	1 / 40

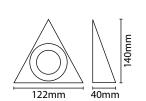
PLASTIC LED UNDER CABINET LIGHT







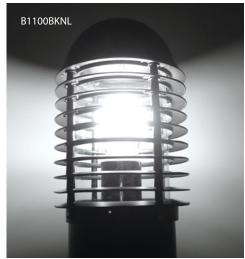
- Polycarbonate construction
- 3000K warm white colour temperature: offering a pleasing lighting appearance
- 2W = 100 lumens: ideal low energy solution to standard halogen cabinet lights
- Pre-wired with 2m mains cable and no separate driver required: facilitating easy installation
- Not suitable for use with dimmers
- Not suitable for recessed installation Double insulated



Code	Version	Wattage	Colour Temp.	Lumens	Avg. Rated Life (Hrs)	IP Rating	MOM / OPQ
VECOCABPTR	Triangle	2W	3000K	100 lm	30,000 hrs	IP20	1 / 100





















LED CORNER FIXTURE FITTINGS

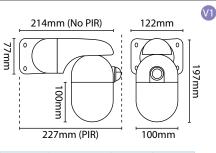


Flexible and decorative range of fittings ideally suited for outdoor applications requiring corner lights

- Complete solution for flat wall or corner mounting: bracket included for optional corner mounting
- Double insulated

PIR VERSION:

- Factory preset 120° PIR 10 lux 7 minutes duration
- · No override facility



Code	Colour	Version	Wattage	Colour Temp.	Lumens	Avg. Rated Life (Hrs)	IP Rating	MOM / OPQ
WELLWHSTD	White	Standard	1014	4000K	660 lm	25,000 hrs	IP65	1/6
WELLBKSTD	Black							
WELLWHPIR	White		10W					
WELLBKPIR	Black	120° PIR						

LED CORNER FIXTURE FITTINGS



- This luminaire is supplied with a 9W LED ES (E27) 'A' Shape lamp maximum 23W
- Bracket included for optional corner mounting: complete solution for flat wall or corner mounting
- · Aluminium alloy construction in white or black finish with white polycarbonate
- Low energy consumption and prolonged lamp life BESA box mounting
- Lamp included 1 year warranty Earthed



Code	Colour	Wattage	Colour Temp.	Lumens	Avg. Rated Life (Hrs)	IP Rating	MOM / OPQ
WGLEDBK	Black	9.0\4/	27001/	810 lm	15,000 hrs	IP65	1/4
WGLEDWH	White	8.9W	2700K				
WELLDIFF	White Replacement Polycarbonate Diffuser						

SURFACE LED WALL LIGHTS







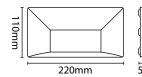






- Polycarbonate construction suitable for coastal areas Opal diffuser Integral driver Double insulated
- Downward facing opal diffuser gives a pleasing wall washed effect IES files available

- PIR Time on adjustment 5 secs 8 mins 160° detection angle
- 8 meter detection range
- Lux level adjustments option for day and night time operation or night time operation only





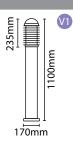
Code	Colour	Version	Wattage	Colour Temp.	Lumens	Avg. Rated Life (Hrs)	IP Rating	MOM / OPQ
VECOWLW	White	Cton dond						
VECOWLG	Grey	Standard		40001/	340 lm 30,0	20 000 h	IDCE	P65 1/20
VECOWLPIRW	White	160° PIR	6W	4000K		30,000 hrs	IPOS	
VECOWLPIRG	Grey	160 PIK						

1100MM LOUVRED BOLLARD



- Requires 1 x ES (E27) lamp (not included). Fitting is rated at 100W max
- Aluminium construction
- Root or flange fixing: versatile installation options
- · Louvred diffuser: discreet lighting effect
- Earthed

Code	Wattage	IP Rating	MOM / OPQ
B1100BKNL	100W Max	IP44	1/1

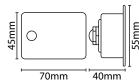




2W LED DECK / PLINTH LIGHT

Mains voltage LED compact recessed fixture equally useful for exterior use such as deck lighting, or for interior use recessed into plinths

- Crisp white light or various colour effects using the included blue, red and green filters
- Hole cut out 40mm (if fitted without sleeve)
- Pre-wired with 1m rubber cable
- Complete with mounting sleeve for use in solid surfaces
- · Anodized aluminium finish
- Double insulated



Code	Wattage	Colour Temp.	Lumens	Avg. Rated Life (Hrs)	IP Rating	Hole Cut Out Size	MOM / OPQ
DECKLED	2W	4000K	205 lm	30,000 hrs	IP65	40mm	1/50

GU10 DECK LIGHT WITH STAINLESS STEEL BEZEL





- Cast alloy body Not suitable for immersion in water
- Requires 1 x suitable GU10 lamp (not included). Fitting is rated at 50W max
- Pre-wired with 1m of rubber cable to terminal box: easy installation with loop out facility from 3 way terminal box
- GU10 lampholder allows a variety of different light sources Earthed



LAMP GUIDE:

- •T<40°C ANY locations 7W Max GU10 LED
- •T<65°C MOST locations 9W Max GU10 CFL
- •T>100°C OUT OF REACH locations 50W Max GU10 Halogen

Code	Wattage	IP Rating	Hole Cut Out Size	MOM / OPQ
GDL50SS	50W Max	IP68	92mm	4 / 24

Superslim surface mounting mains voltage LED amenity fixtures for garden and path illumination,

LED SLIM SURFACE BRICKLIGHT







which offers a fantastic alternative to traditional bricklights without the hassle of recessed installation

· ABS housing, polycarbonate diffuser







 Double 	insulated
IEC Floc	availabla

IES files available

lamp life

Code	Wattage	Colour Temp.	Lumens	Avg. Rated Life (Hrs)	IP Rating	MOM / OPQ
SLICELONG	3W	4000K	188 lm	30,000 hrs	IP65	1 / 24

A modern design that gives an instant cool white light. Ultra low energy consumption and prolonged

LED RECESSED BRICKLIGHT WITH STAINLESS STEEL FRAME







- Polycarbonate construction Integral driver Cable gland included
- Opal diffuser with optional stainless steel frame offering a soft, stylish lighting effect





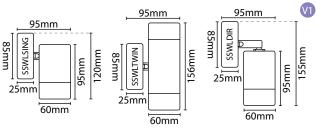
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						_

Code	Wattage	Colour Temp.	Lumens	Avg. Rated Life (Hrs)	IP Rating	MOM / OPQ
BRICKLED	4.5W	6000K	285 lm	30,000 hrs	IP65	1/6

EXTERNAL STAINLESS STEEL WALL LIGHTS



- Requires: 1 x 35W Max. 240V GU10 halogen or LED lamp per lampholder
- (not included) • Stainless steel construction
- Modern attractive design
- Easy lamp change
- Fully adjustable head (SSWLDIR only)
- Earthed



Code	Version	Wattage	IP Rating	MOM / OPQ
SSWLSING	Single Up Or Down Lighting			
SSWLTWIN	Twin Up & Down Lighting	35W Max	IP44	1/12
SSWLDIR	Single Directional Lighting			

Colour

Temp.

4000K

240 lm

Wattage

4.3W

EXTERNAL ALUMINIUM LED WALL & GARDEN SPOTLIGHT

Version

Wall



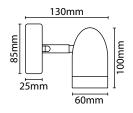


- Aluminium construction & frosted glass lens
- Integrated driver and LED light source
- Fully adjustable head

Code

SPOTLEDWAL

Earthed



V1

	2511111	60m	m †
Lumens	Avg. Rated	IP	MOM /
	Life (Hrs)	Rating	OPQ

IP44

1/12

30,000 hrs

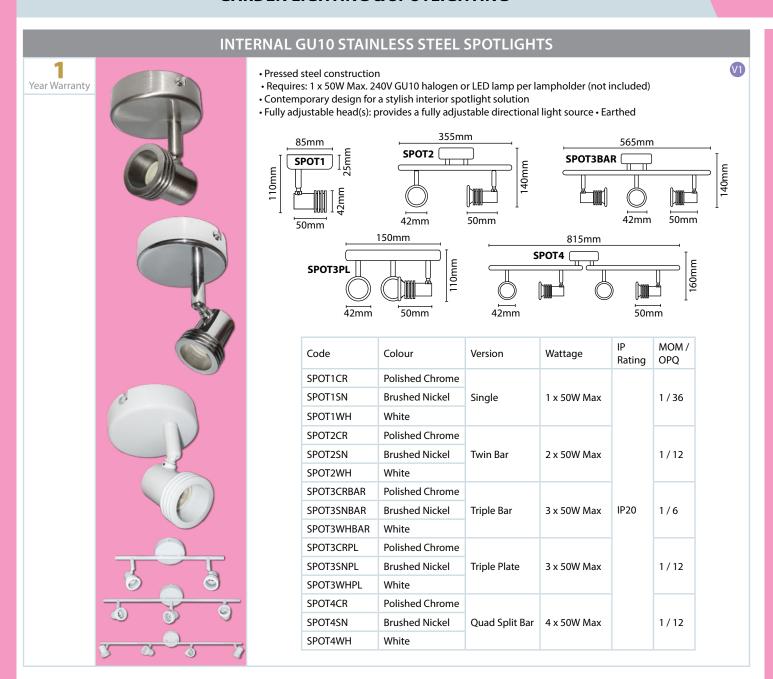


EXTERNAL AMENITY WALL LIGHTS



Heki IP65 WALL LIGHTS **COMING SOON!**



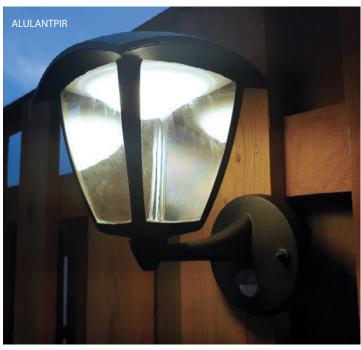




LANTERNS









COMMON LANTERN IP RATINGS



The access probe of 1.0mm diameter $\,$ shall not penetrate.

Protected against water splashed from all directions. Limited ingress permitted.





Totally protected against the ingress of dust. Protected against jets of water.
Limited ingress permitted.

LANTERNS

LED ALUMINIUM LANTERNS







An aesthetically pleasing outdoor fitting with superior construction for domestic and commercial applications

- Die-cast aluminium construction Polycarbonate diffuser
- Earthed

PIR VERSION:

- 7 metre detection range 110° detection angle
- Time on adjustment 8 sec 8 min Lux level adjustment 5 lux 2000 lux



STD: 200mm PIR: 230mm

Code	Version	Wattage	Colour Temp.	Lumens	Avg. Rated Life (Hrs)	IP Rating	MOM / OPQ
ALULANT	Standard	8W	4000K	570 lm	20 000 has	IP44	1/6
ALULANTPIR	110° PIR	8VV	4000K	5/0 lm	30,000 hrs	IP44	1/6

LED ECONOMY LANTERNS



Year Warranty



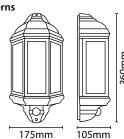


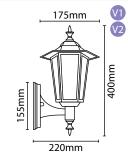
Energy efficient LED alternative to traditional lanterns

- Tough polycarbonate construction
- Double insulated

PIR VERSION:

- Time on adjustment 5 secs 5 mins
- Lux level adjustments
- 120° detection angle
- 8 metre detection range





Code	Version	Wattage	Colour Temp.	Lumens	Avg. Rated Life (Hrs)	IP Rating	MOM / OPQ
VECOFBK	Standard Full Lantern		3100K	420 lm	35,000 hrs		1/4
VECOFPIRBK	120° PIR Full Lantern	7W	3100K	420 IM	33,000 1115	IP44	1 / 4
VECOHBK_V2	Standard Half Lantern	/ VV	20001/	510 lm	50,000 hrs		1 / 10
VECOHPIRBK_V2	120° PIR Half Lantern		3000K	510 IM			1710

POLYCARBONATE ES (E27) LANTERNS





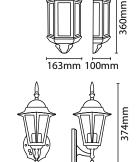
- Requires 1 x suitable ES lamp (not included). Fitting is rated at 60W max
- Polycarbonate construction: corrosion resistant
- · One piece lens: quick and easy assembly
- Double insulated

HALF LANTERN PIR VERSIONS:

- 12 metre max detection range Time on 3 minutes ± 20 sec
- 120° detection zone Factory preset PIR no override facility

FULL LANTERN PIR VERSION:

- 10 metre range with sensitivity adjustment control
- Time on adjustable (10±5) secs (4±1) min 110° detection zone
- Factory preset PIR no override facility





Code	Colour	Version	Wattage	IP Rating	MOM / OPQ
HL60B	Black	Standard Half Lantern		ID44	1/12
HL60WH	White	Standard Hair Lantern			
PIRHL60BK	Black	120° PIR Half Lantern	COMMAN		
PIRHL60WH	White	120 PIK Hall Lantern	60W Max	IP44	
L60B	Black	Standard Full Lantern			
PIRL60BK	Black	110° PIR Full Lantern			1/6

HAND DRYERS & HEATING



HAND DRYERS & HEATING

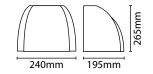




1.8KW HIGH PERFORMANCE AUTOMATIC HAND DRYER



- Cast aluminium construction Tough vandal resistant construction
- Automatic operation: reduced cleaning requirement & increase hygiene
- Adjustable proximity sensitivity: allows user preference for on switching
- Pre-wired with 1 metre of mains lead: easy installation Earthed
- Air speed: 17.8m/sec: rapid hand drying Airflow: 2.6m³/min.



Code	Wattage	IP Rating	MOM / OPQ
HDA-1800	1.8kW	IPX1	1/4

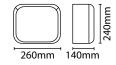
2.5KW HIGH PERFORMANCE AUTOMATIC HAND DRYER





- Cast aluminium tough vandal resistant construction
- · Modern stainless steel effect finish
- Pre-wired with 1m of mains lead: easy installation Earthed
- Automatic operation: reduced cleaning requirement & increased hygiene
- Airflow 4.5m³/min. Air speed 30m/sec.: rapid hand drying

Code	Wattage	IP Rating	MOM / OPQ
SSHDA-2500	2.5kW	IPX1	1/4



Year Warranty

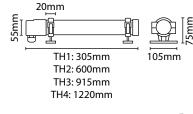


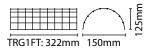
TUBULAR HEATERS AND GUARDS

- Steel construction Thermal overload cut out Earthed
- Pre-wired with 1m mains lead: easy installation
- · Additional locking cable gland included for through wiring / linking to other tubular heaters
- Mounting brackets included for wall or floor installation
- Low wattage solution for localised background heat and frost protection

TUBULAR HEATER GUARD:

- Steel construction Fixing kit included
- Robustly constructed wire guard: provides protection and safety
- Colour matches tubular heater
- Aesthetically pleasing curved design





TRG2FT: 642mm TRG3FT: 930mm TRG4FT: 1217mm

Code	Version	Wattage	IP Rating	MOM / OPQ
Heaters				
TH1	1ft Heater	60W		1/20
TH2	2ft Heater	120W	IP44	1/12
TH3	3ft Heater	180W	1P 44	1/9
TH4	4ft Heater	240W		1/6
Heater Gua	ards			
TRG1FT	1ft Guard			2/18
TRG2FT	2ft Guard			2/12
TRG3FT	3ft Guard			2/6
TRG4FT	4ft Guard			2/6

HAND DRYERS & HEATING

2.4KW PLINTH FAN HEATER WITH 3 COLOUR FASCIAS





- Pressed steel construction Airflow 0.85m³/min Earthed
- Three fascias included: brown, white & stainless steel: complete solution reducing stock requirements
- Thermostatically controlled with thermal cut out: controllable temperature point for economic operation
- Pre-wired with 1.5m of mains lead: easy installation Rubber feet: assist quiet operation
- Three settings for flexible heat output to suit room size:
- 8kW fan only operation 1.6kW half heat and fan 2.4kW full heat and fan

Code	Wattage	IP Rating	MOM / OPQ
PFH2400	2.4kW	IP20	1/4

480mm

580mm

3KW SCREEN HEATER





- Pressed steel construction Earthed
- Pre-wired with 1.25m mains lead: easy installation
- Airflow 1.07m³/min Air speed 3m/sec
- Illuminated switch Quiet running
- Three settings for flexible heat output to suit room size:
- 2.5kW fan only operation 1.5kW half heat and fan
- 3kW full heat and fan

Code	Wattage	IP Rating	MOM / OPQ
SH3/WH	31/1//	IP20	1 / 1

Year Warranty IP21



2KW ADJUSTABLE DOWNFLOW HEATER

- •Thermoplastic construction Up to 2kW heat output: fast heating
- Mains indicator light Thermal cut out Pull cord on/off switch
- Internal adjustable thermostat: controllable temperature point for economic
- Internal load switch 1kW / 2kW: allows output adjustment to suit room size
- Double insulated

HEATING SETTINGS:

I = 1kW fixed heat / II = 2kW variable thermostat controlled*

*Once desired temperature is met, fitting will drop down to 1kW - this fitting will not turn itself off

Code	Wattage	IP Rating	MOM / OPQ
DFH2KW	2kW	IP21	1/6

2KW ADJUSTABLE DOWNFLOW HEATER WITH RUNBACK TIMER





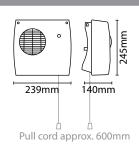
- Fire retardant Polycarbonate & ABS construction Double insulated
- Up to 2kW heat output: fast heating Mains indicator light
- Pull cord on/off switch Thermal cut out
- Internal load switch 1kW / 2kW: allows output adjustment to suit room size
- Up to 35 minute runback timer adjustable upon installation

DIP SWITCH MODES OF OPERATION:*

- 1 On position 1kW / Off position 2kW
- 2 On position 5 minutes
- 3 On position 10 minutes
- 4 On position 20 minutes

*You can have multiple time dip switches selected at one time, this allows you to add the times together e.g. dip switch 2 and 3 on = 15 minutes

Code	Wattage	IP Rating	MOM / OPQ
DFHT2KW	2kW	IP21	1/6



235mm

120mm

HAND DRYERS & HEATING

OIL FILLED HEATERS

1 Year Warranty



Free-standing, compact and quiet oil-filled heater optimised for heat storage, with 4 wheels for easy manoeuvrability. Comes with three heat settings and adjustable thermostat for control. Provides peace of mind with overheat protection and a tip-over safety switch. Keeps things tidy with an integral store for the 1.5m cord and plug. Ideal for domestic and office environments.

- Fully adjustable thermostat
- Overheat protection for additional safety and peace of mind
- Anti-tip protection automatically switches off the unit if knocked over
- Multi-directional wheels
- Illuminated control switches when powered on
- Fitted with 1.5m cable with 10A plug
- Built-in cable and plug storage
- OILHT157 3 heat settings: 600W, 900W, 1500W
- Metal construction with 7 fins
- OILHT211/T 3 heat settings 800W, 1200W, 2000W
- Metal construction with 9 fins

NOTE: as with all portable heating appliances - this product is only suitable for well insulated spaces or occasional use

		V
	0	
		- 540mm - 540mm - 630mm
		157 211 211T
157 - 350mm	157 - 230mm	ı
211 - 430mm	211 - 230mm	ı

211T - 230mm

211T - 430mm

Code	Version	Colour	Wattage	IP Rating	MOM / OPQ
OILHT157	Standard	Beige	1.5kW	IP20	1/1
OILHT211	Standard		21444		
OILHT211T	24 Hour Timer		2kW		

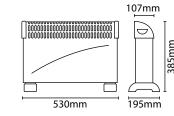
2KW CONVECTOR HEATERS





- Steel construction Built in carry handles
- Illuminated control switches
- 3 heat settings: 750W, 1.25kW, 2kW
- Fitted with 1.5m flex and 13A BS1363 moulded plug
- Fully adjustable thermostat Over heat protection

NOTE: as with all portable heating appliances - this product is only suitable for well insulated spaces or occasional use and not suitable for wall mouting



Code	Version	Wattage	IP Rating	MOM / OPQ
CONVHTSTD	Standard	2kW	IDOO	1/1
CONVHTTIM	24 Hour Timer	ZKVV	IP20	1/1

All of our handy guides can be downloaded and printed from our website for FREE



LIGHTING CONTROLS

PIR SENSORS

When a moving object or person moves across the PIR's detection zone, the PIR will trigger the motion sensor to activate the linked light source PHOTOCELLS
When a light source is controlled by a photocell, then the light is only activated during the Lux level and time selected

MW SENSORS

Have the same capability as PIR sensors with the added control of detecting movement over various temperatures and can cover much larger areas such as warehouses

TIME DELAY SWITCHES

These are useful in areas where lights are inadvertently left on.
These switches allow the lights to be on for a set period of time only

LIGHTING CONTROLS FOR ADDED SECURITY

Lighting controls are a great cost effective way to add extra security to your building. Lighting controls are a great way to only trigger the light output when necessary instead of keeping the lights on at all times.

LIGHTING CONTROLS



All products have an install guide that can be downloaded from each individual products' website page, please refer to this for extra settings and installation information on your product.

STAND ALONE INTERNAL 360° PIR SENSOR

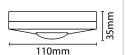




- Polycarbonate construction Double insulated
- 1600W incandescent, 500W fluorescent load capacity
- Max. 200W LED load capacity (no more than eight lights)
- Adjustable lux level Time on adjustable: 10 sec 15 min

 4.5 metre radius 	range • 360°	detection zone
--------------------------------------	--------------	----------------

Code	IP Rating	MOM / OPQ
SA360PIR	IP20	1/50



FLUSH MOUNTED 360° INTERNAL PIR DETECTOR





- Polycarbonate construction Double insulated
- Time on adjustable: 10 sec 15 min Adjustable lux level
- 4.5 metre detection zone 360° detection area
- Max 2000W incandescent / 500W fluorescent load capacity Max 250W LED load capacity (no more than eight lights)
- · Recessed spring clip flush fixing: unobtrusive when installed

		Ε
		6mm
	7	76
73mm		

Code	IP Rating		MOM / OPQ
PIRFM360	IPX4	63mm	1/4

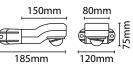
IP44 EXTERNAL 360° PIR DETECTOR





- ABS construction Double insulated
- · Vertically & horizontally adjustable PIR head
- Bracket included for optional corner mounting: versatile installation options to suit a wide range of requirements
- 1000W incandescent lamp / 300W fluorescent / 150W LED (no more than eight lights) load capacity
- Time on adjustable: 5 sec 5 min 12 metre detection area
- Adjustable lux level 360° detection zone

Code		IP Rating	MOM / OPQ
EX360F	PIRWH	IP44	1 / 20

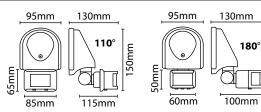


EXTERNAL PIR DETECTORS





- · ABS construction · Double insulated
- Time on adjustable: 5 sec 5 min
- · Vertically & horizontally adjustable detector
- 1000W incandescent / 300W fluorescent maximum load capacity
- Maximum 200W LED load capacity (no more than eight lights)
- 110° / 180° detection zone
- Adjustable lux level 12 metre range



Code	Colour	Version	IP Rating	MOM / OPQ
PIR110BK	Black	110° PIR		
PIR180BK	Black	100° DID	IP44	1/30
PIR180WH	White	180° PIR		

LIGHTING CONTROLS

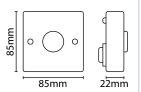
TIME DELAY PUSH SWITCH





- ABS construction Red neon switch perimeter glow light
- Compatible with LED, fluorescent and incandescent loads
- Three load settings 5-20W, 20-150W, 150-300W
- · No neutral connection required: can replace existing switch with no additional wiring
- Time on adjustable between 12 seconds and 12 minutes
- Double insulated

Code	IP Rating	MOM / OPQ
PUSHLED	IP20	1 / 40



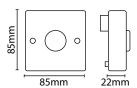
ELECTRONIC TIME DELAY PUSH SWITCH



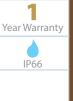


- ABS construction Max load rating: 6 Amp incandescent 1440W
- Time on adjustable between 12 seconds and 12 minutes
- Red neon switch perimeter glow light: easy location of switching point
- No neutral connection required: can replace existing switch with no additional wiring
- Not Compatible With LED See Eterna product above: **PUSHLED**
- Double insulated

Code	IP Rating	MOM / OPQ
TLS1440	IP20	5 / 40



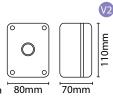
16 AMP ELECTRONIC OUTDOOR TIME DELAY SWITCH





- ABS construction Double insulated
- Multiple accurate time settings using dip switches and rotary adjuster
- Incandescent 16 Amp max, fluorescent 6 Amp max, compact fluorescent 3 Amp max (maximum six fluorescent lights), low voltage 3 Amp max & fans and ventilation equipment 3 Amp max
- Multi point switching, connect two or more units in parallel
- Multi range delay function from 2 seconds to 2 hours: reduces energy consumption 80mm

Code	IP Rating	MOM / OPQ
TLS68EX	IP66	1/50

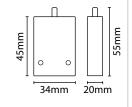


PUSH TO BREAK AUTOSWITCH





- · Momentary push switch: push to break contacts
- Thermoplastic construction
- Switching 1 Amp max (250V)
- Max. 25W LED load capacity
- Double insulated



Code	IP Rating	MOM / OPQ
XS63W	IP20	10 / 600

ADD-ON PIR SENSOR FOR ETERNA LED BATTENS





- Robust polycarbonate construction Double insulated
- Time-on adjustable: 30 secs, 3 mins, 5 mins, 8 mins
- Night & day or night only options selectable
- Detection range 3-6 metres 100° detection area
- See Eterna BATLED range

Code	IP Rating	MOM / OPQ
BATLEDPIR	IP20	1/6



LIGHTING CONTROLS

MICROWAVE SENSOR

Year Warranty

IP65

(((•)))
Microwave

Sensor



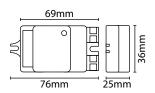
This sensor can either be wired directly into an existing fitting providing there is sufficient space to do so or alternatively it can be installed inside a separate unobtrusive enclosure, see Eterna part code MWCASE

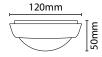
- Polycarbonate construction Double insulated
- Rated Load 800W (resistive), 400W (inductive), 270W (LED)
- Adjustable detection angle: up to 150°
- Power consumption: <0.5W
- Adjustable detection range: Max. 6m
- Adjustable time setting: 5 seconds 30 minutes
- · Adjustable Lux control: 2-50 lux
- Push connect terminals: for ease of connection

CASE:

- Polycarbonate construction
- Compact & discreet design: for housing Eterna part code SENSORMW
- IP65, ceiling or wall mounted: giving versatile fixing options, suitable for bathroom, internal and external use
- Supplied with two mounting screws to install SENSORMW and has 2 x 20mm gland entry holes: facilitating easy installation
- Screw fit cover to maintain IP rating, with clip on bezel: meaning enclosure cannot be tampered with easily

Code	Version	IP Rating	MOM / OPQ
SENSORMW	Sensor	-	1 / 150
MWCASE	Case	IP65	1 / 100





REMOTE FIXING MINIATURE PHOTOCELL



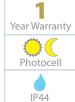


- Wired for remote fixing: ultra compact sensor head allows incorporation where space is extremely limited
- 1500VA / 5 Amp inductive load, Max 500W LED Double insulated
- Thermoplastic construction Switch on/off at 30/80 lux
- The cable gland fixing around the photocell can maintain up to IP65 dependant on the enclosure it is installed into

Cod	e	Hole Cut Out Size	IP Rating	MOM / OPQ
EMP	CR	20mm	IP20	1/5

55mm 30mm 24mm

NEMA SOCKET ELECTRONIC PHOTOCELL KIT





- $\bullet \ Thermoplastic \ construction \ \bullet \ Double \ insulated$
- Electronic operation: improved accuracy over thermal types
- Supplied complete with mounting bracket and gasket
- 1500VA or 5 Amp inductive load at 60MFD Max LED load: 1000W
- Switch on/off at 30/70 lux

Code	IP Rating	MOM / OPQ
NPCHKIT	IP44	1/5

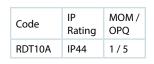


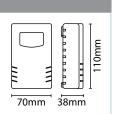
EXTERNAL PHOTOELECTRIC SWITCH

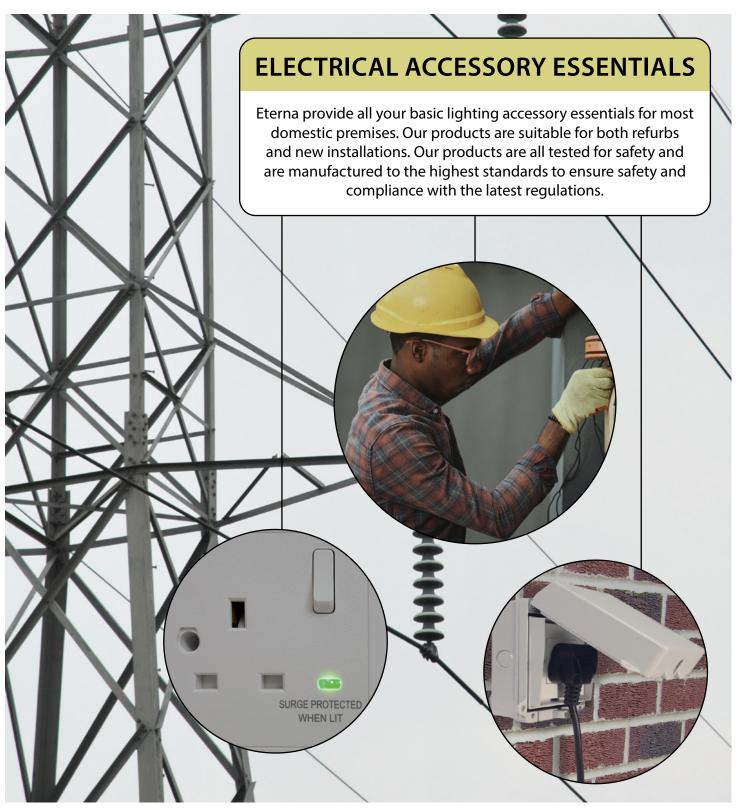




- ABS construction Double insulated
- Switching level adjustable between approx. 5-300 lux
- 10 Amp resistive, 3 Amp inductive load
- Run back timer adjustable to stay on between 1-8 hours after switch on: flexibility in operation for economic running costs
- Maximum 250W LED load capacity (no more than eight lights)







WIRED SURFACE MOUNTED BELL PUSH & ILLUMINATED OPTION





This product is designed for domestic installation up to 15m range

- Polycarbonate construction Concealed fixing holes
- Interchangeable black and white covers included: flexible solution reduced stock requirements

Code	Version	IP Rating	MOM / OPQ	
BPWB	Standard	IP20	10 / 400	
RPI WR	Illuminated	IP20	10 / 400	



FAQ

- Q) Can mulitple bell pushes be wired together?
- A) Yes, additional pushes must be connected in parallel

FΔO

- Q) Can you use one push button to control two chimes?
- A) No

FAO

- Q) Can this work on 240V
- A) No, this needs connection via a transformer

FAO

- Q) What is the maximum length of wire between the push button and transformer?
- A) Approx. 15 metres

DOOR CHIME WITH BUILT-IN TRANSFORMER

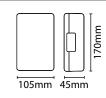




This product is designed for domestic installation up to 15m range

- Integral transformer: neater, faster installation
- ABS construction Modern design

Code	IP Rating	MOM / OPQ
TCWH	IP20	5 / 20



FAQ

Q) Can this be used to run a second bell chime?

A) No, this is a stand-alone unit

FAQ

Q) How loud is TCWH?

A) Approx. 80dB at one metre

BATTERY / TRANSFORMER OPERATED CHIME





This product is designed for domestic installation up to 15m range

- $\bullet \, \mathsf{ABS} \, \mathsf{construction} \, \bullet \, \mathsf{Modern} \, \, \mathsf{design}$
- Battery operation for non illuminated bell pushes
- Requires 4x 1.5V R14 'C' batteries (not included)
- Must be transformer operated for illuminated bell pushes (transformer not included - see BT4812)

105mm	4:	5mm	 	170mm	

Code	IP Rating	MOM / OPQ
DC1WH	IP20	5/20

FAQ

Q) How loud is DC1WH?

A) Approx. 60dB at one metre + the volume CANNOT be increased

FAQ

Q) Can you link two DC1WH units to the same transformer?

A) No

FΔΩ

Q) Can this be used with a lit bell push?

A) Yes, please use a transformer unit when using with an illuminated bell push, as the light will drain the batteries

MULTI VOLTAGE BELL / CHIME TRANSFORMER

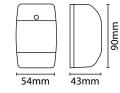
Year Warranty



This product is designed for domestic installation up to 15m range

- Nylon construction 1 Amp rated Thermal cut out
- Double insulated: no earth connection required
- 4, 8 and 12V tappings: suits most bells and chimes

Code	IP Rating	MOM / OPQ
BT4812	IP20	5/60



FAQ

- Q) What is the maximum length of bell wire that can be used to connect the transformer to the door chime?
- A) Approx. 15 metres

AQ

- Q) Can multiple chimes / sounders to connected to BT4812?
- A) No

FAO

- Q) How do you adjust the output voltage?
- A) This has 4V, 8V, or 12V options as detailed in the install guide which can be downloaded from the website

SINGLE FUSED A RATED RCD SPUR & TWIN UNSWITCHED A RATED RCD SOCKETS













- Type A rated to ensure tripping for residual a.c. currents and pulsating d.c. currents
- 13A fused spur with "passive" 30mA RCD protection at less than 40ms (typical)
- Complete with TEST button
- Mechanical latching (no need to reset after power loss)

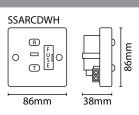
• Highly stable and reliable polycarbonate construction, with raised square profile and screwed faceplate

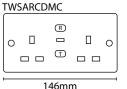
TWSARCDMC

- Pressed steel construction with screwed faceplate
- Twin earth terminals for easy cable connections
- · Easy cable-entry via knock-outs available on the surface mounting box (included)

TWSARCDWH

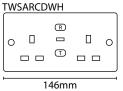
- Highly stable and reliable polycarbonate construction, with raised square profile and screwed faceplate
- Twin earth terminals for easy cable connections













Code	Colour	Version	IP Rating	MOM / OPQ
SSARCDWH	White	Single Spur		5 / 60
TWSARCDMC	Grey Metalclad	Turin Contrat	IP20	5/30
TWSARCDWH	White	Twin Socket		5 / 40

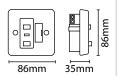
SINGLE FUSED RCD SPUR





- Trip speed less than 40mS (typical) Earthed
- Twin earth terminals: easy cable connections
- Passive operation mechanically latched (no need to reset after power loss)
- Urea construction 13 Amp rated 30mA trip current

C	ode	IP Rating	MOM / OPQ
SS	SRCDWH	IP20	5 / 60



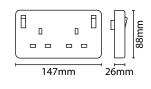
CONVERTER SOCKET 1 GANG TO 2 GANG





- Conversion of 1 gang to 2 gang socket: simple retrofit solution where extra outlets are required
- Tough polycarbonate construction: impact resistant
- Earthed

Code	IP Rating	MOM / OPQ
CONVERT2	IP20	5 / 100



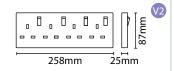
CONVERTER SOCKET 1 OR 2 GANG TO 4 GANG





- · Conversion of 1 or 2 gang to 4 gang socket
- 13 Amp fused
- Tough polycarbonate construction
- Surge Protection Earthed

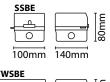
Code	IP Rating	MOM / OPQ
CONVERT4	IP20	5 / 40



WATERPROOF ACCESSORY BOXES

- Year Warranty IP65
- · Maintains IP integrity when cable in use: added safety while load is connected
- Lockable facility (security tag not included): for tamperproof installation
- Polycarbonate construction: tough, impact & corrosion resistant
- SSBE accepts standard 1 gang accessory & TWSBE accepts standard 2 gang accessory: flexible solution allowing a multitude of different uses

Code	Version	IP Rating	MOM / OPQ
SSBE	1 Gang	IDCE	5 / 45
TWSBE	2 Gang	IP65	5 / 20



TWSBE	
00	<u> </u>
160mm	140mm

PLASTIC ADAPTABLE WATERPROOF BOXES / ENCLOSURES



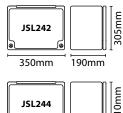


- Mounting plate available: allows easy fixing in the enclosure whilst maintaining IP rating
- Lockable door: added security (security tag not included)

MOUNTING BACK PLATE:

• Designed for use with the waterproof enclosures: allows easy fixing in the enclosure whilst maintaining IP rating

Code	Version	Inside Measurements W/H/D	IP Rating	MOM / OPQ
JSL242	Small Enclosure	322 x 275 x 170mm	IP65	1/1
JSL244	Large Enclosure	422 x 380 x 170mm	IP55	1/1
JSL242BP	JSL242 Backplate			1/25
JSL244BP	JSL244 Backplate			1 / 23





PLASTIC ADAPTABLE BOXES / ENCLOSURES







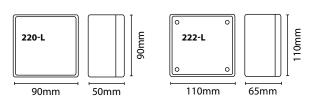
- Nylon with fibre glass construction Large terminals: easy connections
- 5 pole connector compatible with 220-L & 222-L
- All boxes PP Copolymer construction

- Press on cover: rapid cover fixing
- Locating holes for 5 pole connector 397/5: easy connection facility

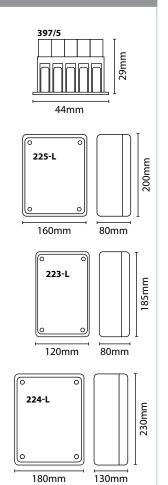
- ¾ turn twist lock screw down cover: rapid cover fixing
- Locating holes for 5 pole connector 397/5: easy connection facility

223-L / 224-L / 225-L

• ¾ turn twist lock screw down cover: rapid cover fixing



Code	Inside Measurements (Includes Space Inside The Lid)	IP Rating	MOM / OPQ
397/5	N/A	-	1 / 200
220-L	80x80x43mm	IP54	10 / 100
222-L	100x100x55mm		6/102
223-L	175x110x66mm	IP65	1 / 45
224-L	220x170x115mm	1705	2/14
225-L	190x150x70mm		1 / 29



TRS GLANDS WITH LOCKING NUT

- Glass filled nylon Fire retardant to 850°C Year Warranty • 20mm accommodates 8-13mm cable
 - 25mm accommodates 12-18mm cable
 - Supplied complete with lock nut



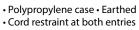


Code	Colour	Hole Ø	IP Rating	MOM / OPQ	
20TRSBK	Black	20mm 25mm		100 / 1500	
20TRSG	Grey		IDCO		
20TRSWH	White			IP68	1500
25TRSG	Grey			20 / 800	

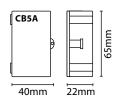
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IP68

LIGHTING CONNECTOR BOXES



- **CB5A** = 5 Amp 3 way connector included
- **CB15A** = 15 Amp 3 way connector included







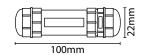
Code	Version	IP Rating	MOM / OPQ
CB5A	5 Amp	IP20	20 / 400
CB15A	15 Amp	IP20	20 / 400

Year Warranty

IP68 WATERPROOF ELECTRICAL CONNECTOR



- Nylon construction 3 Pole Connector
- 450V 32A rated Cable size 0.5mm² 4mm²



Code	IP Rating	MOM / OPQ
IPCONNECT	IP68	1/500

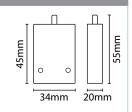


PUSH TO BREAK AUTOSWITCH



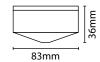
- Momentary push switch: push to break contacts
- Thermoplastic construction
- Switching 1 Amp max (250V)
- Max. 25W LED load capacity Double insulated

Code	IP Rating	MOM / OPQ
XS63W	IP20	10/600



PLUG IN CEILING ROSE

- Year Warranty
- Urea construction 6 Amp rating 4 terminal BESA box mounting Earthed
- Shrouded plug terminals and cord grip: complies with 2.2kg load test
- 4 terminals as standard offering extra live connection: ideal for emergency auxiliary use



CR10PW:

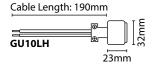
• Pre-wired with 2 metres of heat resistant 4 core flex: time saving, easy installation

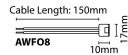
Code	Version	IP Rating	MOM / OPQ
CR10	Un-wired	IP20	10 / 180
CR10PW	Pre-wired	IF ZU	10/60

SPARE LAMPHOLDERS



 AWFO8: Silicon braided cable: heat resistant





Code	Colour	Version	IP Rating	MOM / OPQ
GU10LH	Black	GU10	IP20	5 / 200
AWFO8	White	GU5.3 LV	IP20	10 / 250

G5 T4 FLUORESCENT TUBES FOR ETERNA TUS RANGE



- Glass construction Not dimmable
- Specifically designed for use with Eterna brand fittings

	_
(lamp excluding pins N64/3: 341mm N64/5: 468mm	5)

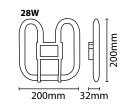
Code	Length	Wattage	Colour Temp.	Lumens	Avg. Rated Life (Hrs)	MOM / OPQ
N64/3	341mm	10W	24001/	630 lm	10 000 brc	10/200
N64/5	468mm	16W	3400K	1090 lm	10,000 hrs	10 / 100

DD CFLNI LAMPS

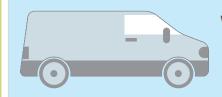


Standard size energy efficient compact fluorescent lamp used in many commercial & decorative luminaires

- Glass construction
- Not dimmable



Code	Wattage	Cap Type	Colour Temp.	Lumens	Avg. Rated Life (Hrs)	MOM / OPQ
DD28435	28W	GR10q 4 Pin	3500K	2050 lm	10,000 hrs	10 / 10



We always have high levels of stock availability and most stock is available for next day delivery

For more information on collection or delivery, please see our website

DISCONTINUED LINES - CALL OURS SALES TEAM FOR DISCOUNTED PRICES

LAMPS						
	ALED800ES	ES LED A Shape 9W 800 lm 2700K 15,000 hrs				
	D1040EB	10W 4000K G24D-1 2 Pin Double Turn CFL 600 lm 10,000 hrs				
	D1840EB	18W 4000K G24D-1 2 Pin Double Turn CFL 1210 lm 10,000 hrs				
1	D2640EB	26W 4000K G24D-1 2 Pin Double Turn CFL 1720 lm 10,000 hrs				
	DD28435	DD GR10q 4 Pin 28W 3500K 2050 lm 10,000 hrs				
	DE1040EB	10W 4000K G24Q-1 4 Pin Double Turn D-E CFL 600 lm 10,000 hrs				
	DE1840EB	18W 4000K G24Q-2 4 Pin Double Turn D-E CFL 1210 lm 10,000 hrs				
17	LE2440EB	24W 4000K 2G114 Pin Single Turn L CFL 1800 lm 10,000 hrs				
	LE4040EB	40W 4000K 2G114 Pin Single Turn L CFL 3320 lm 10,000 hrs				
	LE5540EB	55W 4000K 2G114 Pin Single Turn L CFL 4510 lm 10,000 hrs				
	LEDGX4	4W LED Retrofit GX53 3000K 250 lm 30,000 hrs 120°				
	S1135EB	11W 3500K G23 2 Pin Single Turn S CFL 900 lm 10,000 hrs				
	S735EB	7W 3500K G23 2 Pin Single Turn S CFL 405 lm 10,000 hrs				
Ż	T1835	18W T8 Triphosphor Fluorescent Tube G13 3500K 1350 lm 15,000 hrs				
	T3635	36W T8 Triphosphor Fluorescent Tube G13 3500K 3350 lm 15,000 hrs				
	T5835	58W T8 Triphosphor Fluorescent Tube G13 3500K 5250 lm 15,000 hrs				
	T52835T	28W T5 Triphosphor Fluorescent Tube G5 3500K 2585 lm 20,000 hrs				
	TE1340EB	13W 4000K GX24Q-1 4 Pin Triple Turn T/E CFL 810 lm 10,000 hrs				
Spr. S	TE1840EB	18W 4000K GX24Q-1 4 Pin Triple Turn T/E CFL 1210 lm 10,000 hrs				
	CEIL	ING/WALL				
	CFLEDCREM3	Chrome LED EM3 18.5W 3100K 1200 lm 40,000 hrs IP65				
	CO12SCPC	White LED photocell 12W 4200K 1200 lm 35,000 hrs IP65				



DISCONTINUED LINES - CALL OURS SALES TEAM FOR DISCOUNTED PRICES



	VECOF10PIR	Black LED 10W 4000K 850 lm 25,000 hrs IP44 Floodlight 120° PIR						
	VECOF20PIR	Black LED 20W 4000K 1700 lm 25,000 hrs IP44 Floodlight 120° PIR						
	VECOF50PIR	Black LED 50W 4000K 4250 lm 25,000 hrs IP44 Floodlight 120° PIR						
	VECOFLD10	Black LED 10W 4000K 850 lm 25,000 hrs IP44 Floodlight						
	VECOFLD50	Black LED 50W 4000K 4250 lm 25,000 hrs IP44 Floodlight						
SPOTLIGHTS								
	SPOT2CR	Chrome Twin Bar 2x 50W Max GU10						
3	SPOT2SN	Nickel Twin Bar 2x 50W Max GU10						
	SPOT2WH	White Twin Bar 2x 50W Max GU10						
	SPOTLEDWAL	Nickel LED 4.3W 4000K 240 lm 30,000 hrs IP44 Wall Spotlight						
	WEATI	HERPROOFS						
	VECO5WPSI2	Grey 5ft Single LED 30W 4000K 2900 lm 40,000 hrs IP65						
	VECO5WPTW2	Grey 5ft Twin LED 45W 4000K 4300 lm 40,000 hrs IP65						
	VECO6WPSI2	Grey 6ft Single LED 48W 4000K 4500 lm 40,000 hrs IP65						
	VECO6WPSIN	Grey 6ft Single LED 48W 4000K 4500 lm 40,000 hrs IP65						
	VECO6WPTW2	Grey 6ft Twin LED 65W 4000K 6200 lm 40,000 hrs IP65						
	WP51SDEM3	Grey LED 5ft Single Step Dim EM3 30W 5000K 3000 lm 30,000 hrs IP65						
	WP61SDEM3	Grey LED 6ft Single Step Dim EM3 40W 5000K 4000 lm 30,000 hrs IP65						
	WPLED51SD	Grey LED 5ft Single Step Dim 30W 5000K 3000 lm 30,000 hrs IP65						
	WPLED61SD	Grey LED 6ft Single Step Dim 40W 5000K 4000 lm 30,000 hrs IP65						
All items ava	ailable at clea	rance prices whilst stocks last						

NOTES

UK TERMS & CONDITIONS

GENERAL

In these conditions references to "the Company" are to Eterna Lighting Limited and references to the "Purchaser" are to any person or corporation with whom the Company enters into any contract whether directly or indirectly. All quotations or tenders given and all orders received and accepted are executed on the basis that the Purchaser is bound by these conditions of sale. Where there is any inconsistency between these conditions of sale and any conditions or other terms which the Purchaser seeks to impose, these conditions of sale shall prevail. These conditions supersede any other terms appearing elsewhere and exclude and override any other terms or representations stipulated or incorporated or referred to by the Company whether in the order or in any negotiations or course of dealings established between the Company and the Purchaser. No amendment or variation of these conditions will apply unless confirmed in writing by a director of the Company.

VALIDITY OF QUOTATION

The Company may on the Purchaser's request provide a written quotation. Unless otherwise agreed in writing, any quotation given is not for a fixed period and the Company reserves the right to adjust any prices quoted to reflect subsequent variations in cost.

DESCRIPTIVE MATTER AND ILLUSTRATIONS

All descriptive and forwarding specifications, drawing and particulars of weight and dimensions issued by the Company are approximate only, and are intended only to present a general idea of the goods to which they refer and shall not form part of the contract.

SAMPLE

Any sample submitted with the Company's quotation or at the Purchaser's request must be returned within 30 days of receipt and the Purchaser may be charged if not so returned. Notwithstanding that a sample of the goods may have been exhibited to and inspected by the Purchaser, it is hereby agreed that such sample was so exhibited and inspected solely to enable the Purchaser to judge for himself the quality of the bulk and not so as to constitute a sale by sample. The Purchaser shall take the goods at his own risk as to corresponding with the said sample or as to their quality, condition or sufficiency for any purpose.

PRICES

Unless otherwise agreed in writing, all orders are accepted subject to prices and any relevant discounts applying at the date of delivery and any price list of the Company whether published or not shall not affect the right of the Company to charge for goods in accordance with this clause. All prices are exclusive of Value Added Tax duties and levies which shall be payable by the Purchaser at the applicable rate.

MINIMUM ORDER VALUE AND CARRIAGE CHARGES

The Company reserves the right to levy a handling charge on any orders the total invoice price of which (excluding VAT) is less than the current minimum order value of £150.00 or any such value as may be notified to the Purchaser from time to time.

Unless otherwise specified, the prices quoted for all orders exceeding the minimum order value (excluding VAT) are inclusive of the costs of carriage provided delivery is to be effected within mainland United Kingdom. The Company reserves the right to choose the mode of transport and to charge for deliveries outside mainland United Kingdom, such charges to be for the account of the Purchaser.

PAYMENTS

Until such time as the company has confirmed credit account facilities in writing, payment is due in full on or before delivery. The Company may at its discretion establish a credit account for the Purchaser. If such an account is established, unless agreed otherwise in writing, payment is due in full within 30 days from the end of the month in which the invoice is dated. The Company may, without prejudice to its other rights, charge interest on overdue accounts at the rate of 4% over the base rate of The Bank of England from time to time to be compounded monthly from due date until payment in full is made both before and after judgement. The Company

may also suspend deliveries without notice, of any or all of the Purchaser's orders or cancel any outstanding orders if any payment from the Purchaser becomes overdue (or upon insolvency or bankruptcy of the Purchaser, and further where (i) a petition is presented for the winding up of either party to the contract, (ii) it has an administrator or liquidator appointed, or (iii) either party makes an arrangement with its creditors) without incurring any costs or other liability as a result of such cancellation. Any portion of an account that becomes overdue will render the whole account overdue. Where the contract provides for separate instalments, deliveries or parts, payment for each instalment, delivery or part shall be made as if the same constituted a separate contract. The Company shall have the right to invoice the Purchaser for a partial delivery of the goods.

NO CANCELLATION

For the avoidance of doubt:

There can be no cancellation or return of goods by the Purchaser without the Company's written consent.

If the Purchaser cancels its order, the Company shall be entitled to recover any loss sustained thereby from it. The Purchase will indemnify the Company in respect of any third party claims arising against the Company by virtue of any act or omission arising out of the Company's repudiation of the contract or suspension or cancellation of deliveries under this clause.

PROPERTY

Title to the goods shall remain the property of the Company until the Company has received all payments which are owing to it by the Purchaser under any account whatsoever. While the goods are the property of the Company, the Purchaser shall hold them as bailee on behalf of the Company and shall keep the goods safe, insured, separate and identifiable from all other goods in its possession. If the Purchaser sells the goods before payment in full has been made and if the Company so requires, the Purchaser shall hand over to the Company all claims for payment against any sub-purchaser.

So long as the property in any goods remains in the Company, the Company shall have the right, without prejudice to the obligation of the Purchaser to make payment in full of any sums outstanding on any account, to take re-possession of the goods and for that purpose the Purchaser hereby irrevocably authorises the Company to recover the goods and to go upon any premises of the Purchaser for that purpose. The Company may maintain an action for the price of the goods notwithstanding that property in the goods may not have passed to the Purchaser.

LOSS OR DAMAGE IN TRANSIT

The Company will not be liable for any loss or damage or shortage during delivery or non delivery unless the Purchaser shall notify the Company in writing within three working days in the event of loss, damage or shortage or within four days of the date of invoice if the goods are not received.

WEEE COMPLIANCE

The Company places various types of Electrical and Electronic Equipment (EEE) on the market in the UK. EEE is subject to waste regulation under the Waste Electrical and Electronic Equipment Regulations 2006 (as amended) and should be disposed of responsibly and prioritised for re-use and/or recycling when it becomes waste (WEEE). Purchasers may dispose of their WEEE free of charge locally at Designated Collection Facilities (DCFs). Details of your local DCF can be found at: www.recyclenow.com. The Company is obliged to take back, free of charge and within a reasonable time. WEEE from a Purchaser on a likefor-like basis for treatment and recycling. The Company is required to do this in any calendar year in which new EEE has been purchased by the Purchaser. In certain circumstances, this may include WEEE not originally supplied by the Company. If any Purchaser requires the Company to take back any WEEE, they should write to the Operations Director, Eterna Lighting Ltd, Huxley Close, Park Farm, Wellingborough NN8 6AB, who will then advise on the necessary arrangements for the receipt, proper treatment, and recycling of the WEEE.

BATTERY COMPLIANCE

Within certain products the Company places lead acid, lithium ion, nickel cadmium & nickel metal hydride batteries on the market. Industrial batteries are subject to waste regulation under the Waste Batteries and Accumulators Regulations 2009 and should be disposed of responsibly. Purchasers may be able to dispose of their waste industrial batteries locally via legitimate licensed trade waste contractors. The Company is obliged to take back, free of charge and within a reasonable time, waste industrial batteries of the same chemistry supplied to a Purchaser, for treatment and recycling and is required to do this in any calendar year new industrial batteries are placed on the market. In certain circumstances, this may include batteries not originally supplied by the Company. If any Purchaser requires the Company to take back Industrial batteries, they should write to the Operations Director, Eterna Lighting Ltd, Huxley Close, Park Farm, Wellingborough NN8 6AB, who will then advise on the necessary arrangements for the receipt, proper treatment and recycling of, the waste industrial batteries.

DELIVERY

Any times quoted for despatch, repair or replacement are to be treated as estimates only and time shall not be deemed to be of the essence of any contract between the Purchaser and the Company. The Company shall not be liable for any loss whatsoever arising as a result of any delay. Delivery shall occur on despatch or collection of the goods from the Company's premises by carrier whether or not the carrier is the Company's agent or servant. Unless otherwise agreed in writing the Company shall deliver the goods to the address specified in the Purchaser's order. Risk in the goods shall pass to the Purchaser on delivery or collection. Insofar as there is any delay in delivery which is attributable to the Purchaser, the Company may charge the Purchaser such additional transportation costs, storage charges and handling charges which may arise as a result of the Purchaser's failure to take delivery on the due date. Save as expressly provided in these conditions, all terms, conditions, representations and warranties (whether express or implied) relating to the sale of goods are excluded and the goods are not sold by description or sample.

WARRANTY AND EXCLUSION

The Company will use its reasonable endeavours to assign the benefit of any warranty it receives from its supplier to the Purchaser but shall not be liable for any claim or claims for any damages whether direct, indirect special or consequential or economic damage or loss (including loss of profit or goodwill) arising from any breach by its contract or any defect in the goods. In certain circumstances and for certain product ranges, the Company may offer a specific warranty against defects arising from faulty design or materials, for a defined period. Any warranty period offered will be deemed to have commenced on the date the goods have been delivered to the Purchaser.

The Company will not be liable for any warranty or guarantee where the Purchaser has not paid for the goods in full by the due date.

Nothing in these conditions shall exclude liability of the Company for death or personal injury resulting from its negligence insofar as the same is prohibited by United Kingdom statute.

FORCE MAJEURE

The Company shall not be liable for delay in performing or for failure to perform its obligation if the delay or failure results from any of the following, Act of God, outbreak of hostilities, war, riot, civil disturbance, acts of terrorism, government order, direction of legislation, fire, explosion, flood, bad weather, accident, strike or other industrial action, lock-out, failure of telecommunication lines, failure or breakdown of plant machinery or vehicles, transport delays, default of suppliers, or any other occurrence over which the Company has not control.

LEGAL CONSTRUCTIONS

These conditions and any contract following thereon shall be governed by and construed in accordance with English Law and the Purchaser submits to the jurisdiction of the High Court of England but the Company may enforce the contract in any Court of competent jurisdiction.

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