



**POWER AND COLOUR TEMPERATURE SELECTABLE FRESH PRINCE CIRCULAR / SQUARE LED UTILITY FITTINGS WITH OPAL OR PRISMATIC DIFFUSER**

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
- Central BESA box mounting option on the base

**LiFePO4 EMERGENCY VERSIONS:**

- 3 hour maintained mode as standard which can also be configured for non maintained operation
- Battery - LiFePO4 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:**

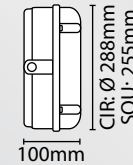
- Operation at 100% light level then off after last presence detection. Operation on time can be set at 5 sec, 90 sec, 3 min (180 sec), 10 min

**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



Code	Version	Colour Temp.	Lumens			Avg. Rated Life (Hrs)	IP / IK Rating	MOM / OPQ
			9W	14W	18W			
<b>CIRCULAR OPAL DIFFUSER</b>								
OPCIRSTD	Standard							
OPCIRMW	SD	3000K	1090 lm	1610 lm	1970 lm	50,000 hrs	IP65 IK10	1 / 8
		4400K	1160 lm	1770 lm	2190 lm			
		6500K	1130 lm	1700 lm	2080 lm			
OPCIREM3	EM3							
OPCIRMW3	SD + EM3							
<b>CIRCULAR PRISMATIC DIFFUSER</b>								
PRCIRSTD	Standard							
PRCIRMW	SD	3000K	1180 lm	1715 lm	2055 lm	50,000 hrs	IP65 IK10	1 / 8
		4400K	1270 lm	1890 lm	2270 lm			
		6500K	1230 lm	1780 lm	2180 lm			
PRCIREM3	EM3							
PRCIRMW3	SD + EM3							
<b>SQUARE OPAL DIFFUSER</b>								
OPSQSTD	Standard							
OPSQMW	SD	3000K	1080 lm	1630 lm	1980 lm	50,000 hrs	IP65 IK10	1 / 8
		4400K	1150 lm	1770 lm	2200 lm			
		6500K	1120 lm	1700 lm	2070 lm			
OPSQEM3	EM3							
OPSQMW3	SD + EM3							
<b>SQUARE PRISMATIC DIFFUSER</b>								
PRSQSTD	Standard							
PRSQMW	SD	3000K	1150 lm	1730 lm	2100 lm	50,000 hrs	IP65 IK10	1 / 8
		4400K	1250 lm	1870 lm	2360 lm			
		6500K	1200 lm	1830 lm	2200 lm			
PRSQEM3	EM3							
PRSQMW3	SD + EM3							

- LED
- 5 Year Warranty
- Emergency Product
- LiFePO4 Battery
- IP65
- IK10
- Power Selectable
- Colour Temp. Selectable
- Microwave Sensor
- ✓ IES Files
- Double Insulated
- BESA Box Compatible
- Hole Knockouts

SEE PAGE 2/3 FOR ENERGY INFO

CIRCULAR OPAL			
LED LAMP SPECIFICATIONS:	9W	14W	18W
<b>Luminaire lumens (with diffuser):</b> Warm White, Cool White, Daylight White	3000K - <b>1090 lm</b> 4400K - <b>1160 lm</b> 6500K - <b>1130 lm</b>	3000K - <b>1610 lm</b> 4400K - <b>1770 lm</b> 6500K - <b>1700 lm</b>	3000K - <b>1970 lm</b> 4400K - <b>2190 lm</b> 6500K - <b>2080 lm</b>
<b>Lumens from chip (array):</b> Warm White, Cool White, Daylight White	3000K - <b>1220 lm</b> 4400K - <b>1300 lm</b> 6500K - <b>1270 lm</b>	3000K - <b>1810 lm</b> 4400K - <b>1990 lm</b> 6500K - <b>1900 lm</b>	3000K - <b>2210 lm</b> 4400K - <b>2470 lm</b> 6500K - <b>2350 lm</b>
<b>Useful lumens (array):</b> Warm White, Cool White, Daylight White	3000K - <b>980 lm</b> 4400K - <b>1050 lm</b> 6500K - <b>1020 lm</b>	3000K - <b>1450 lm</b> 4400K - <b>1600 lm</b> 6500K - <b>1520 lm</b>	3000K - <b>1770 lm</b> 4400K - <b>1970 lm</b> 6500K - <b>1880 lm</b>
Rated Wattage	9W	14W	18W
Rated luminous flux	3000K - 980 lm 4400K - 1050 lm 6500K - 1020 lm	3000K - 1450 lm 4400K - 1600 lm 6500K - 1520 lm	3000K - 1770 lm 4400K - 1970 lm 6500K - 1880 lm
Nominal life time of the lamp	50,000 hrs	50,000 hrs	50,000 hrs
Colour temperature	3000/4400/6500K	3000/4400/6500K	3000/4400/6500K
Number of switching cycles before premature lamp failure	≥15000	≥15000	≥15000
Warm-up time up to 60% of the full light output	Instant full light	Instant full light	Instant full light
Dimmable	No	No	No
Nominal beam angle	120°	120°	120°
Rated power	9W	14W	18W
Rated lamp lifetime	50,000 hrs	50,000 hrs	50,000 hrs
Displacement factor	0.97	0.97	0.97
Lumen maintenance factor at end of nominal life	≥80	≥80	≥80
Starting time	Instant full light	Instant full light	Instant full light
Colour rendering	≥0.8	≥0.8	≥0.8
Colour consistency	Within 6 step Macadam ellipse	Within 6 step Macadam ellipse	Within 6 step Macadam ellipse
Rated peak intensity	3000K - 243cd 4400K - 260cd 6500K - 252cd	3000K - 361cd 4400K - 396cd 6500K - 378cd	3000K - 441cd 4400K - 492cd 6500K - 468cd
Rated beam angle	120°	120°	120°
Voltage / Frequency	220-240V~50Hz	220-240V~50Hz	220-240V~50Hz
Lumen efficacy	3000K - 121 lm / W 4400K - 129 lm / W 6500K - 126 lm / W	3000K - 115 lm / W 4400K - 126 lm / W 6500K - 121 lm / W	3000K - 109 lm / W 4400K - 122 lm / W 6500K - 116 lm / W
This product contains a Light Source of Energy Efficiency Class F			
Not suitable for accent lighting			

CIRCULAR PRISMATIC			
LED LAMP SPECIFICATIONS:	9W	14W	18W
<b>Luminaire lumens (with diffuser):</b> Warm White, Cool White, Daylight White	3000K - <b>1180 lm</b> 4400K - <b>1270 lm</b> 6500K - <b>1230 lm</b>	3000K - <b>1715 lm</b> 4400K - <b>1890 lm</b> 6500K - <b>1780 lm</b>	3000K - <b>2055 lm</b> 4400K - <b>2270 lm</b> 6500K - <b>2180 lm</b>
<b>Lumens from chip (array):</b> Warm White, Cool White, Daylight White	3000K - <b>1220 lm</b> 4400K - <b>1300 lm</b> 6500K - <b>1265 lm</b>	3000K - <b>1810 lm</b> 4400K - <b>1990 lm</b> 6500K - <b>1890 lm</b>	3000K - <b>2210 lm</b> 4400K - <b>2460 lm</b> 6500K - <b>2350 lm</b>
<b>Useful lumens (array):</b> Warm White, Cool White, Daylight White	3000K - <b>1140 lm</b> 4400K - <b>1225 lm</b> 6500K - <b>1190 lm</b>	3000K - <b>1630 lm</b> 4400K - <b>1790 lm</b> 6500K - <b>1690 lm</b>	3000K - <b>1950 lm</b> 4400K - <b>2160 lm</b> 6500K - <b>2070 lm</b>
Rated Wattage	9W	14W	18W
Rated luminous flux	3000K - 1140 lm 4400K - 1225 lm 6500K - 1190 lm	3000K - 1630 lm 4400K - 1790 lm 6500K - 1690 lm	3000K - 1950 lm 4400K - 2160 lm 6500K - 2070 lm
Nominal life time of the lamp	50,000 hrs	50,000 hrs	50,000 hrs
Colour temperature	3000/4400/6500K	3000/4400/6500K	3000/4400/6500K
Number of switching cycles before premature lamp failure	≥15000	≥15000	≥15000
Warm-up time up to 60% of the full light output	Instant full light	Instant full light	Instant full light
Dimmable	No	No	No
Nominal beam angle	120°	120°	120°
Rated power	9W	14W	18W
Rated lamp lifetime	50,000 hrs	50,000 hrs	50,000 hrs
Displacement factor	0.97	0.97	0.97
Lumen maintenance factor at end of nominal life	≥80	≥80	≥80
Starting time	Instant full light	Instant full light	Instant full light
Colour rendering	≥0.8	≥0.8	≥0.8
Colour consistency	Within 6 step Macadam ellipse	Within 6 step Macadam ellipse	Within 6 step Macadam ellipse
Rated peak intensity	3000K - 398cd 4400K - 428cd 6500K - 415cd	3000K - 570cd 4400K - 627cd 6500K - 592cd	3000K - 683cd 4400K - 754cd 6500K - 722cd
Rated beam angle	120°	120°	120°
Voltage / Frequency	220-240V~50Hz	220-240V~50Hz	220-240V~50Hz
Lumen efficacy	3000K - 131 lm / W 4400K - 141 lm / W 6500K - 137 lm / W	3000K - 122 lm / W 4400K - 135 lm / W 6500K - 127 lm / W	3000K - 114 lm / W 4400K - 126 lm / W 6500K - 121 lm / W
This product contains a Light Source of Energy Efficiency Class F			
Not suitable for accent lighting			

SQUARE OPAL			
LED LAMP SPECIFICATIONS:	9W	14W	18W
<b>Luminaire lumens (with diffuser):</b> Warm White, Cool White, Daylight White	3000K - <b>1080 lm</b> 4400K - <b>1150 lm</b> 6500K - <b>1120 lm</b>	3000K - <b>1630 lm</b> 4400K - <b>1770 lm</b> 6500K - <b>1700 lm</b>	3000K - <b>1980 lm</b> 4400K - <b>2200 lm</b> 6500K - <b>2070 lm</b>
<b>Lumens from chip (array):</b> Warm White, Cool White, Daylight White	3000K - <b>1210 lm</b> 4400K - <b>1290 lm</b> 6500K - <b>1260 lm</b>	3000K - <b>1830 lm</b> 4400K - <b>1995 lm</b> 6500K - <b>1900 lm</b>	3000K - <b>2220 lm</b> 4400K - <b>2470 lm</b> 6500K - <b>2330 lm</b>
<b>Useful lumens (array):</b> Warm White, Cool White, Daylight White	3000K - <b>970 lm</b> 4400K - <b>1040 lm</b> 6500K - <b>1010 lm</b>	3000K - <b>1460 lm</b> 4400K - <b>1600 lm</b> 6500K - <b>1530 lm</b>	3000K - <b>1780 lm</b> 4400K - <b>1980 lm</b> 6500K - <b>1870 lm</b>
Rated Wattage	9W	14W	18W
Rated luminous flux	3000K - 970 lm 4400K - 1040 lm 6500K - 1010 lm	3000K - 1460 lm 4400K - 1600 lm 6500K - 1530 lm	3000K - 1780 lm 4400K - 1980 lm 6500K - 1870 lm
Nominal life time of the lamp	50,000 hrs	50,000 hrs	50,000 hrs
Colour temperature	3000/4400/6500K	3000/4400/6500K	3000/4400/6500K
Number of switching cycles before premature lamp failure	≥15000	≥15000	≥15000
Warm-up time up to 60% of the full light output	Instant full light	Instant full light	Instant full light
Dimmable	No	No	No
Nominal beam angle	120°	120°	120°
Rated power	9W	14W	18W
Rated lamp lifetime	50,000 hrs	50,000 hrs	50,000 hrs
Displacement factor	0.97	0.97	0.97
Lumen maintenance factor at end of nominal life	≥80	≥80	≥80
Starting time	Instant full light	Instant full light	Instant full light
Colour rendering	≥0.8	≥0.8	≥0.8
Colour consistency	Within 6 step Macadam ellipse	Within 6 step Macadam ellipse	Within 6 step Macadam ellipse
Rated peak intensity	3000K - 223cd 4400K - 239cd 6500K - 223cd	3000K - 338cd 4400K - 368cd 6500K - 353cd	3000K - 411cd 4400K - 456cd 6500K - 432cd
Rated beam angle	120°	120°	120°
Voltage / Frequency	220-240V~50Hz	220-240V~50Hz	220-240V~50Hz
Lumen efficacy	3000K - 120 lm / W 4400K - 128 lm / W 6500K - 124 lm / W	3000K - 116 lm / W 4400K - 126 lm / W 6500K - 121 lm / W	3000K - 110 lm / W 4400K - 122 lm / W 6500K - 115 lm / W
This product contains a Light Source of Energy Efficiency Class F			
Not suitable for accent lighting			

SQUARE PRISMATIC			
LED LAMP SPECIFICATIONS:	9W	14W	18W
<b>Luminaire lumens (with diffuser):</b> Warm White, Cool White, Daylight White	3000K - <b>1150 lm</b> 4400K - <b>1250 lm</b> 6500K - <b>1200 lm</b>	3000K - <b>1730 lm</b> 4400K - <b>1870 lm</b> 6500K - <b>1830 lm</b>	3000K - <b>2100 lm</b> 4400K - <b>2360 lm</b> 6500K - <b>2200 lm</b>
<b>Lumens from chip (array):</b> Warm White, Cool White, Daylight White	3000K - <b>1200 lm</b> 4400K - <b>1300 lm</b> 6500K - <b>1260 lm</b>	3000K - <b>1830 lm</b> 4400K - <b>2000 lm</b> 6500K - <b>1910 lm</b>	3000K - <b>2220 lm</b> 4400K - <b>2470 lm</b> 6500K - <b>2330 lm</b>
<b>Useful lumens (array):</b> Warm White, Cool White, Daylight White	3000K - <b>1100 lm</b> 4400K - <b>1200 lm</b> 6500K - <b>1160 lm</b>	3000K - <b>1640 lm</b> 4400K - <b>1760 lm</b> 6500K - <b>1670 lm</b>	3000K - <b>2000 lm</b> 4400K - <b>2240 lm</b> 6500K - <b>2100 lm</b>
Rated Wattage	9W	14W	18W
Rated luminous flux	3000K - 1100 lm 4400K - 1200 lm 6500K - 1160 lm	3000K - 1640 lm 4400K - 1760 lm 6500K - 1670 lm	3000K - 2000 lm 4400K - 2240 lm 6500K - 2100 lm
Nominal life time of the lamp	50,000 hrs	50,000 hrs	50,000 hrs
Colour temperature	3000/4400/6500K	3000/4400/6500K	3000/4400/6500K
Number of switching cycles before premature lamp failure	≥15000	≥15000	≥15000
Warm-up time up to 60% of the full light output	Instant full light	Instant full light	Instant full light
Dimmable	No	No	No
Nominal beam angle	120°	120°	120°
Rated power	9W	14W	18W
Rated lamp lifetime	50,000 hrs	50,000 hrs	50,000 hrs
Displacement factor	0.97	0.97	0.97
Lumen maintenance factor at end of nominal life	≥80	≥80	≥80
Starting time	Instant full light	Instant full light	Instant full light
Colour rendering	≥0.8	≥0.8	≥0.8
Colour consistency	Within 6 step Macadam ellipse	Within 6 step Macadam ellipse	Within 6 step Macadam ellipse
Rated peak intensity	3000K - 425cd 4400K - 459cd 6500K - 447cd	3000K - 628cd 4400K - 675cd 6500K - 640cd	3000K - 767cd 4400K - 860cd 6500K - 805cd
Rated beam angle	120°	120°	120°
Voltage / Frequency	220-240V~50Hz	220-240V~50Hz	220-240V~50Hz
Lumen efficacy	3000K - 128 lm / W 4400K - 139 lm / W 6500K - 133 lm / W	3000K - 124 lm / W 4400K - 134 lm / W 6500K - 131 lm / W	3000K - 117 lm / W 4400K - 131 lm / W 6500K - 122 lm / W
This product contains a Light Source of Energy Efficiency Class E			
Not suitable for accent lighting			