

Eterna®

Everyday Lighting For Professionals

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

LI-ION EMERGENCY VERSIONS:

- 3 hour maintained mode as standard which can also be configured for non maintained operation
- Battery - Li-Ion 3.2V 1500mAh • Battery 1 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



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Year Warranty



Emergency Product



Li-Ion Battery



IP65



IK10



Power Selectable



Colour Temp. Selectable



Microwave Sensor



✓ IES Files



Double Insulated

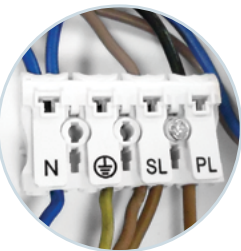


BESA Box Compatible

SEE PAGE 2 FOR ENERGY INFO

POWER AND COLOUR TEMPERATURE SELECTABLE CIRCULAR LED CEILING/WALL LIGHTS

Terminal block



DL/CW/WW

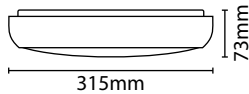
Colour temperature selectable



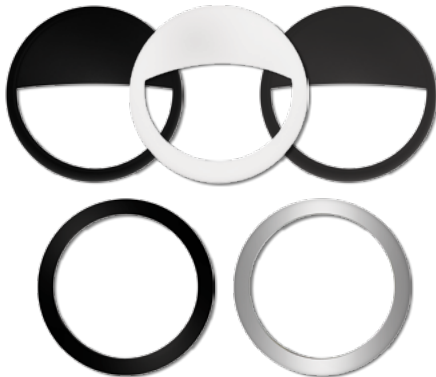
Power selectable



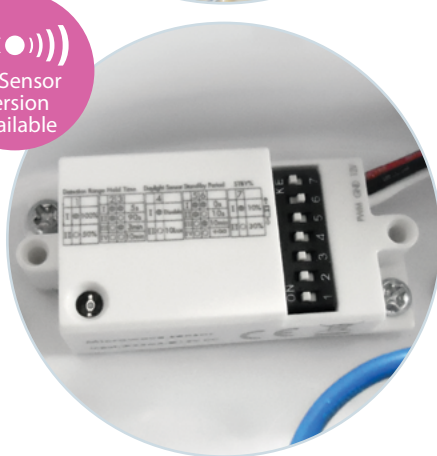
Cable entry



All fittings come with a white full trim - other trims available



Code	Version	Colour Temp.	Lumens			Avg. Rated Life (Hrs)	IP / IK Rating	MOM / OPQ
			9W	14W	18W			
CHA18STD	Standard	3000K 4400K 6500K	1000 lm 1100 lm 1100 lm	1500 lm 1670 lm 1640 lm	1880 lm 2130 lm 2050 lm	40,000 hrs	IP65 IK10	1 / 10
CHA18MW	MW							
CHA18EM3	EM3							
CHA18MW3	MW + EM3							
CHA18SD	SD							
CHA18SDEM3	SD + EM3							
CHAEYEBK	Black Eyelid Trim							1 / 1
CHAEYEGY	Grey Eyelid Trim							
CHAEYEWB	White Eyelid Trim							
CHAFULLBK	Black Full Trim							
CHAFULLCR	Chrome Full Trim							



LED LAMP SPECIFICATIONS:	9W	14W	18W
Luminaire lumens (with diffuser): Warm White, Cool White, Daylight White	3000K - 1000 lm 4400K - 1100 lm 6500K - 1100 lm	3000K - 1500 lm 4400K - 1670 lm 6500K - 1640 lm	3000K - 1880 lm 4400K - 2130 lm 6500K - 2050 lm
Lumens from chip (array): Warm White, Cool White, Daylight White	3000K - 1120 lm 4400K - 1220 lm 6500K - 1230 lm	3000K - 1680 lm 4400K - 1880 lm 6500K - 1850 lm	3000K - 2120 lm 4400K - 2400 lm 6500K - 2320 lm
Useful lumens (array): Warm White, Cool White, Daylight White	3000K - 900 lm 4400K - 1000 lm 6500K - 1000 lm	3000K - 1350 lm 4400K - 1500 lm 6500K - 1480 lm	3000K - 1700 lm 4400K - 1900 lm 6500K - 1860 lm
Rated Wattage	9W	14W	18W
Rated luminous flux	3000K - 900 lm 4400K - 1000 lm 6500K - 1000 lm	3000K - 1350 lm 4400K - 1500 lm 6500K - 1480 lm	3000K - 1700 lm 4400K - 1900 lm 6500K - 1860 lm
Nominal life time of the lamp	40,000 hrs	40,000 hrs	40,000 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	40,000 hrs	40,000 hrs	40,000 hrs
Displacement factor	0.96	0.96	0.96
Lumen maintenance factor at end of nominal life	≥80	≥80	≥80
Starting time	Instant full light	Instant full light	Instant full light
Colour rendering	≥80	≥80	≥80
Colour consistency	Within 6 step Macadam ellipse	Within 6 step Macadam ellipse	Within 6 step Macadam ellipse
Rated peak intensity	3000K - 286cd 4400K - 310cd 6500K - 312cd	3000K - 432cd 4400K - 484cd 6500K - 746cd	3000K - 611cd 4400K - 621cd 6500K - 605cd
Rated beam angle	120°	120°	120°
Voltage / Frequency	240V~50-60Hz	240V~50-60Hz	240V~50-60Hz
Lumen efficacy	3000K - 111 lm / W 4400K - 122 lm / W 6500K - 122 lm / W	3000K - 107 lm / W 4400K - 119 lm / W 6500K - 117 lm / W	3000K - 104 lm / W 4400K - 118 lm / W 6500K - 114 lm / W
This product contains a Light Source of Energy Efficiency Class E			
Not suitable for accent lighting			