



Chara

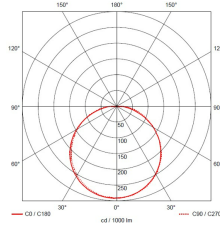
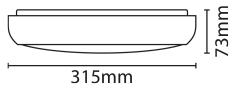
Chara white IP65 bulkhead opal diffuser
switchable power CCT step dim sensor
standard emergency

DESCRIPTION

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

FEATURES

- Full white trim included
- Hinged LED array & push fit terminal block
- Power Selectable 9W, 14W and 18W
- Colour temperature selectable 3000K, 4400K & 6500K
- IK10 rated
- Central BESA box mounting option on the base
- 3 hour maintained mode as standard can be configured for non maintained
- Li-Ion 3.2V 1500mAh battery 5 year warranty - Replacement battery code: EB11
- 3 Installer modes Standard On/Off, Corridor Mode and Corridor & Off Mode
- Daylight Sensor adjustable: 10 lux / disable



GENERAL INFORMATION

| | | | |
|------------------|-------------------|-------------------------|---------|
| Light Source | LED | Colour / Finish | White |
| Application | Internal/External | Mounting Type | Surface |
| Product Warranty | 5 Years | Battery Warranty | 5 Years |
| Net Weight | 0.92 kg | Energy Efficiency Class | D |

TECHNICAL INFORMATION

| | | | |
|-------------------------------|--------|-------------------------------|---------------|
| Nominal Voltage | 240 | Frequency | 50Hz |
| Class Protection | 2 | Operating Temperature (Min) | -20 °C |
| Operating Temperature (Max) | 45 °C | Average Rated Life | 50,000 h |
| Number of switching cycles | 25,000 | Construction Materials Line 1 | Polycarbonate |
| Construction Materials Line 2 | ABS | Dimensions - Height | 315 mm |
| Dimensions - Width | 315 mm | Dimensions - Depth | 73 mm |
| IK Rating | IK10 | IP Rating | IP65 |

PRODUCT INFORMATION

| | | | |
|---------------------------|----------------|-------------------|-----------------------|
| Wattage Combined | 9W / 14W / 18W | CCT Combined | 3000K / 4400K / 6500K |
| Luminaire Lumens Combined | 1010 - 2150 lm | lm/W Combined | 112 - 119 lm/w |
| Beam Angle | 120° | CRI | 80 |
| SDCM | <6 | Lumen Maintenance | 0.7 |



| | | | |
|-------------------------------------|--------------|-------------------------------------|--------|
| Emergency Lumen Output | 250 lm | Lighting Technology used | LED |
| Non-Directional or Directional | NDLS | Mains or non-mains | MLS |
| Connected light source (CLS) | FALSE | Colour tuneable light source | FALSE |
| High Luminance light source | FALSE | Anti Glare shield | FALSE |
| Dimmable | Not Dimmable | Correlated Colour temperature type | STEPS |
| Correlated Colour temperature (K) 1 | 3,000 | Correlated Colour temperature (K) 2 | 4,400 |
| Correlated Colour temperature (K) 3 | 6,500 | Chromaticity coordinates x | 0.364 |
| Chromaticity coordinates y | 0.366 | Stroboscopic effect metric (SVM) | 0.1 |
| Flicker Metric (pst) | 0.1 | R9 colour rendering index | 42 |
| Survival factor @6000hrs | 0.9 | Spectrum report available | Yes |
| Displacement Factor | 0.92 | CCT1/WATT1: Rated Peak Intensity | 286 cd |
| CCT1/WATT2: Rated Peak Intensity | 432 cd | CCT1/WATT3: Rated Peak Intensity | 611 cd |
| CCT2/WATT1: Rated Peak Intensity | 305 cd | CCT2/WATT2: Rated Peak Intensity | 482 cd |
| CCT2/WATT3: Rated Peak Intensity | 598 cd | CCT3/WATT1: Rated Peak Intensity | 296 cd |
| CCT3/WATT2: Rated Peak Intensity | 456 cd | CCT3/WATT3: Rated Peak Intensity | 586 cd |



| PHOTOMETRICS | | | | | |
|--------------|---|-------|--------|------------------|----------|
| Product Code | Product Type | Watts | CCT | Luminaire lumens | Lm/W |
| CHA18STD | Standard | 9 W | 3000 K | 1010 lm | 112 lm/W |
| | | | 4400 K | 1140 lm | 127 lm/W |
| | | | 6500 K | 1120 lm | 124 lm/W |
| | | 14 W | 3000 K | 1530 lm | 109 lm/W |
| | | | 4400 K | 1690 lm | 121 lm/W |
| | | | 6500 K | 1680 lm | 120 lm/W |
| | | 18 W | 3000 K | 1900 lm | 106 lm/W |
| | | | 4400 K | 2230 lm | 124 lm/W |
| | | | 6500 K | 2150 lm | 119 lm/W |
| CHA18MW | On / Off Microwave, White, Full Trim | 9 W | 3000 K | 1010 lm | 112 lm/W |
| | | | 4400 K | 1140 lm | 127 lm/W |
| | | | 6500 K | 1120 lm | 124 lm/W |
| | | 14 W | 3000 K | 1530 lm | 109 lm/W |
| | | | 4400 K | 1690 lm | 121 lm/W |
| | | | 6500 K | 1680 lm | 120 lm/W |
| | | 18 W | 3000 K | 1900 lm | 106 lm/W |
| | | | 4400 K | 2210 lm | 123 lm/W |
| | | | 6500 K | 2150 lm | 119 lm/W |
| CHA18EM3 | Emergency, White, Full Trim | 9 W | 3000 K | 1011 lm | 112 lm/W |
| | | | 4400 K | 1140 lm | 127 lm/W |
| | | | 6500 K | 1120 lm | 124 lm/W |
| | | 14 W | 3000 K | 1530 lm | 109 lm/W |
| | | | 4400 K | 1690 lm | 121 lm/W |
| | | | 6500 K | 1680 lm | 120 lm/W |
| | | 18 W | 3000 K | 1900 lm | 106 lm/W |
| | | | 4400 K | 2210 lm | 123 lm/W |
| | | | 6500 K | 2150 lm | 119 lm/W |
| CHA18MW3 | Emergency, On / Off Microwave, White, Full Trim | 9 W | 3000 K | 1010 lm | 112 lm/W |
| | | | 4400 K | 1140 lm | 127 lm/W |
| | | | 6500 K | 1120 lm | 124 lm/W |
| | | 14 W | 3000 K | 1530 lm | 109 lm/W |
| | | | 4400 K | 1690 lm | 121 lm/W |
| | | | 6500 K | 1680 lm | 120 lm/W |
| | | 18 W | 3000 K | 1900 lm | 106 lm/W |
| | | | 4400 K | 2210 lm | 123 lm/W |
| | | | 6500 K | 2150 lm | 119 lm/W |
| CHA18SD | Step Dim Microwave | 9 W | 3000 K | 1010 lm | 112 lm/W |
| | | | 4400 K | 1140 lm | 127 lm/W |
| | | | 6500 K | 1120 lm | 124 lm/W |
| | | 14 W | 3000 K | 1530 lm | 109 lm/W |
| | | | 4400 K | 1690 lm | 121 lm/W |
| | | | 6500 K | 1680 lm | 120 lm/W |
| | | 18 W | 3000 K | 1900 lm | 106 lm/W |
| | | | 4400 K | 2210 lm | 123 lm/W |
| | | | 6500 K | 2150 lm | 119 lm/W |
| CHA18SDEM3 | Emergency, Step Dim Microwave | 9 W | 3000 K | 1010 lm | 112 lm/W |
| | | | 4400 K | 1140 lm | 127 lm/W |
| | | | 6500 K | 1100 lm | 122 lm/W |
| | | | 3000 K | 1530 lm | 109 lm/W |



IP65



IK10



| | | | | | |
|--|--|------|--------|---------|----------|
| | | 14 W | 4400 K | 1690 lm | 121 lm/W |
| | | | 6500 K | 1680 lm | 120 lm/W |
| | | 18 W | 3000 K | 1900 lm | 106 lm/W |
| | | | 4400 K | 2230 lm | 124 lm/W |
| | | | 6500 K | 2150 lm | 119 lm/W |



ACCESSORIES

| Product Code | Description | MOM / OPQ |
|--------------|-----------------------------------|-----------|
| EB11 | Li-ion 3.2V 1500mAh Stick Battery | 1 / 1 |
| CHAEYEBK | Black Eyelid Trim for CHA18 Range | 1 / 50 |
| CHAEYEGY | Grey Eyelid Trim for CHA18 Range | 1 / 50 |
| CHAEYEWK | White Eyelid Trim for CHA18 Range | 1 / 50 |
| CHAFULLBK | Full Black Trim for CHA18 Range | 1 / 50 |
| CHAFULLCR | Full Chrome Trim for CHA18 Range | 1 / 50 |

PACKAGING

| | |
|------------------------------|------------|
| Packaging Type | Colour Box |
| Individual unit gross weight | 1,085 g |
| Pallet Layer Qty | 60 |
| Pallet Layers | 3 |
| Pallet Qty | 180 |
| MOM / OPQ | 1 / 10 |

