



## Chara

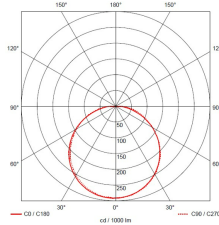
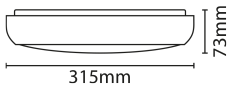
Chara white IP65 bulkhead opal diffuser switchable power CCT microwave sensor

### 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
- Adjustable time, lux and detection area



### GENERAL INFORMATION

Light Source	LED	Colour / Finish	White
Application	Internal/External	Mounting Type	Surface
Product Warranty	5 Years	Net Weight	0.83 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



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	Correlated Colour temperature type	STEPS
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	42.0	Survival factor @6000hrs	0.9
Claim LED Replace Fluorescent	FALSE	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
CHAEYEBK	Black Eyelid Trim for CHA18 Range	1 / 50
CHAEYEGY	Grey Eyelid Trim for CHA18 Range	1 / 50
CHAEYEWB	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	959 g
Pallet Layer Qty	60
Pallet Layers	3
Pallet Qty	180
MOM / OPQ	1 / 10

