



## Chara

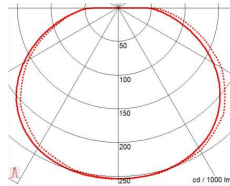
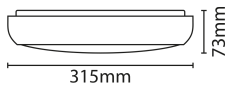
Chara circular white IP65 bulkhead opal diffuser 14W LED CCT selectable with microwave sensor and emergency

### DESCRIPTION

A flexible range of LED surface mount ceiling and wall bulkheads with standard, emergency and microwave options. The ability to easily choose the colour temperature to suit the installation is complimented with the accessories available. The accessories enable you to adjust the fittings from utility to decorative, along with different colour options to suit the application as required

### FEATURES

- All fittings come with a white full trim
- Hinged LED array & push fit terminal block
- 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
- 3 hour maintained mode as standard which can also be configured for non maintained operation
- On Off Microwave Sensor with adjustable Lux setting from 2 to 50 lux
- Adjustable detection range upto 6m
- Hold time from 5 seconds to 30 minutes



### GENERAL INFORMATION

<b>Light Source</b>	LED	<b>Colour / Finish</b>	White
<b>Application</b>	Internal/External	<b>Mounting Type</b>	Surface
<b>Product Warranty</b>	5 Years	<b>Battery Warranty</b>	5 Years
<b>Net Weight</b>	0.85 kg	<b>Energy Efficiency Class</b>	E

### TECHNICAL INFORMATION

<b>Nominal Voltage</b>	240	<b>Frequency</b>	50Hz
<b>Class Protection</b>	2	<b>Operating Temperature (Min)</b>	-20 °C
<b>Operating Temperature (Max)</b>	45 °C	<b>Average Rated Life</b>	50,000 h
<b>Number of switching cycles</b>	25,000	<b>Construction Materials Line 1</b>	ABS
<b>Construction Materials Line 2</b>	Polycarbonate	<b>Dimensions - Height</b>	74 mm
<b>Dimensions - Width</b>	316 mm	<b>Dimensions - Depth</b>	316 mm
<b>IK Rating</b>	IK10	<b>IP Rating</b>	IP65

### PRODUCT INFORMATION

<b>Wattage Combined</b>	14W	<b>CCT Combined</b>	3000K / 4200K / 6000K
<b>Luminaire Lumens Combined</b>	1560 - 1600 lm	<b>lm/W Combined</b>	111 - 114 lm/w
<b>Beam Angle</b>	120°	<b>CRI</b>	80
<b>SDCM</b>	<6	<b>Lumen Maintenance</b>	0.8



Emergency Lumen Output	160 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	4,000
Correlated Colour temperature (K) 3	6,400	Chromaticity coordinates x	0.43
Chromaticity coordinates y	0.395	Stroboscopic effect metric (SVM)	0.0
Flicker Metric (pst)	0.0	R9 colour rendering index	24.0
Survival factor @6000hrs	0.9	Claim LED Replace Fluorescent	FALSE
Spectrum report available	Yes	Displacement Factor	0.8
CCT1/WATTI: Rated Peak Intensity	445 cd	CCT2/WATTI: Rated Peak Intensity	474 cd
CCT3/WATTI: Rated Peak Intensity	455 cd		



IP65



IK10



Colour Temp.  
Selectable



## PHOTOMETRICS

Product Code	Product Type	Watts	CCT	Luminaire lumens	Lm/W
KCIREM3	Emergency	14 W	3000 K	1560 lm	111 lm/W
			4200 K	1690 lm	121 lm/W
			6000 K	1600 lm	114 lm/W
KCIRMW	On / Off Microwave	14 W	3000 K	1560 lm	111 lm/W
			4200 K	1690 lm	121 lm/W
			6000 K	1600 lm	114 lm/W
KCIRMW3	Emergency, On / Off Microwave	14 W	3000 K	1560 lm	111 lm/W
			4200 K	1690 lm	121 lm/W
			6000 K	1600 lm	114 lm/W
KCIRSTD	Standard	14 W	3000 K	1560 lm	111 lm/W
			4200 K	1690 lm	121 lm/W
			6000 K	1600 lm	114 lm/W



## ACCESSORIES

Product Code	Description	MOM / OPQ
EB11	Li-ion 3.2V 1500mAh Stick Battery	1 / 1
KCIREYEBK	Black Eyelid Trim for KCIR Range	1 / 50
KCIREYEGY	Grey Eyelid Trim for KCIR Range	1 / 50
KCIREYEWB	White Eyelid Trim for KCIR Range	1 / 50
KCIRFULLBK	Full Black Trim for KCIR Range	1 / 50
KCIRFULLCR	Full Chrome Trim for KCIR Range	1 / 50

## PACKAGING

Packaging Type	Plain Box
Individual unit gross weight	1,068 g
Pallet Layer Qty	60
Pallet Layers	3
Pallet Qty	180
MOM / OPQ	1 / 10

