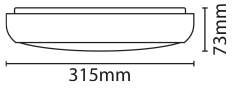
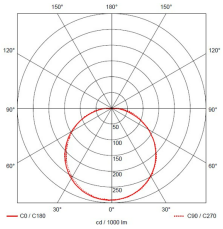
Spec Sheet CHA18STD







Chara

Chara white IP65 bulkhead opal diffuser switchable power CCT

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

5 Year Warranty

IP65

IK10

Colour Temp. Selectable

Power Selectable

GENERAL INFORMATION			
Light Source	LED	**Colour / Finish**	White
Application	Internal/External	**Mounting Type**	Surface
Product Warranty	5 Years	**Net Weight**	0.76 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

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IE Sales: +353 1 844 6300 | E: sales@eterna-lighting.ie

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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	42.0	**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

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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

		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
CHAEYEWH	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	914 g
Pallet Layer Qty	60
Pallet Layers	3
Pallet Qty	180
MOM / OPQ	1 / 10

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