eterna.

5 Year Warranty

IP65

IK08

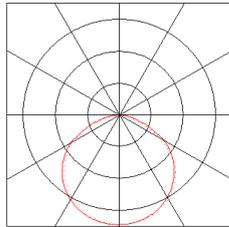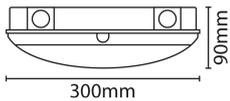**K** Colour Temp. Selectable

Chameleon

Chameleon circular white IP65 bulkhead opal diffuser 12W LED CCT selectable with photocell

DESCRIPTION

A flexible range of LED wall/ceiling fittings with standard, emergency, microwave, microwave emergency and photocell variants. The ability to easily choose the colour temperature to suit the installation is complimented with the accessories available. The accessories enable you to transform the fittings from utility to decorative. Along with different colour options to suit the application as required.

FEATURES

• Polycarbonate diffuser

• Circular LED array

• Push fit terminal block

• Stainless steel captive fixing screws

• Colour temperature selectable - options of 3100K, 4200K & 6400K easily set by dip switches

• Four 20mm cable entries on the side and one to the rear

• Photocell for dusk to dawn operation

• Photocell version cannot be used with any of the trims

90mm
300mm

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

TECHNICAL INFORMATION			
Nominal Voltage	240	Frequency	50Hz
Class Protection	2	Operating Temperature (Min)	0 ºC
Operating Temperature (Max)	45 ºC	Average Rated Life	50,000 h
Number of switching cycles	25,000	Construction Materials Line 1	ABS
Construction Materials Line 2	PC	Dimensions - Height	300 mm
Dimensions - Width	300 mm	Dimensions - Depth	90 mm
IK Rating	IK08	IP Rating	IP65

PRODUCT INFORMATION			
Wattage Combined	12W	CCT Combined	3100K / 4200K / 6400K
Luminaire Lumens Combined	1256 - 1293 lm	lm/W Combined	105 - 108 lm/w
Beam Angle	120º	CRI	80
SDCM	<6	Lumen Maintenance	0.8

CE

UK CA

Spec Sheet   CO12PC

eterna.

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	RANGE	**Chromaticity coordinates x**	0.364
Chromaticity coordinates y	0.362	**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**	0.88
CCT1/WATT1: Rated Peak Intensity	338 cd	**CCT2/WATT1: Rated Peak Intensity**	376 cd
CCT3/WATT1: Rated Peak Intensity	340 cd		

PHOTOMETRICS

Product Code	Product Type	Watts	CCT	Luminaire lumens	Lm/W
CO12	Standard	12 W	3100 K	1256 lm	105 lm/W
			4200 K	1435 lm	120 lm/W
			6400 K	1293 lm	108 lm/W
CO12EM3	Emergency	12 W	3100 K	1256 lm	105 lm/W
			4200 K	1435 lm	120 lm/W
			6400 K	1293 lm	108 lm/W
CO12MW	On / Off Microwave	12 W	3100 K	1256 lm	105 lm/W
			4200 K	1435 lm	120 lm/W
			6400 K	1293 lm	108 lm/W
CO12MW3	Emergency, On / Off Microwave	12 W	3100 K	1256 lm	105 lm/W
			4200 K	1435 lm	120 lm/W
			6400 K	1293 lm	108 lm/W
CO12PC	Photocell	12 W	3100 K	1256 lm	105 lm/W
			4200 K	1345 lm	112 lm/W
			6400 K	1293 lm	108 lm/W
CO18	Standard	18 W	3100 K	1645 lm	91 lm/W
			4200 K	1798 lm	100 lm/W
			6400 K	1670 lm	93 lm/W
CO18EM3	Emergency	18 W	3100 K	1645 lm	91 lm/W
			4200 K	1798 lm	100 lm/W
			6400 K	1670 lm	93 lm/W
CO18MW	On / Off Microwave	18 W	3100 K	1645 lm	91 lm/W
			4200 K	1798 lm	100 lm/W
			6400 K	1670 lm	93 lm/W
CO18MW3	Emergency, On / Off Microwave	18 W	3100 K	1645 lm	91 lm/W
			4200 K	1798 lm	100 lm/W
			6400 K	1670 lm	93 lm/W
CO18PC	Photocell	18 W	3100 K	1645 lm	91 lm/W
			4200 K	1798 lm	100 lm/W
			6400 K	1670 lm	93 lm/W
			6400 K	1560 lm	

ACCESSORIES

Product Code	Description	MOM / OPQ
CIRCBK	Black Full Circular Trim	1 / 50
CIRCCR	Chrome Full Circular Trim	1 / 50
CIRCWH	White Full Circular Trim	1 / 50
CPRIS	Circular Prismatic Diffuser	1 / 50
EYEBK	Black Eyelid Trim	1 / 50
EYEWH	White Eyelid Trim	1 / 50
GRILLBK	Black Grill Trim	1 / 50
GRILLWH	White Grill Trim	1 / 50

PACKAGING

Packaging Type	Colour Box
Individual unit gross weight	869 g

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

5
Year Warranty

IP65

IK08

K
Colour Temp.
Selectable

CE

UKCA

ISO 9001
QUALITY MANAGEMENT

UKAS
MANAGEMENT SYSTEMS
0013

Member of
the LIA