Spec Sheet CO18

eterna.

5 Year Warranty

IP65

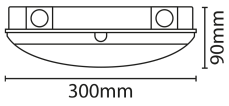
IK08

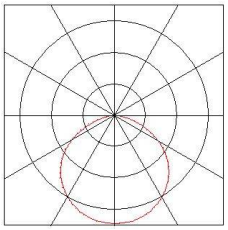
Colour Temp. Selectable



Chameleon

Chameleon circular white IP65 bulkhead opal diffuser 18W LED CCT selectable





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
- Central BESA box mounting option on the base
- 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

GENERAL INFORMATION			
Light Source	LED	**Colour / Finish**	White
Application	Internal/External	**Mounting Type**	Surface
Product Warranty	5 Years	**Net Weight**	0.75 kg
Energy Efficiency Class	E		

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**	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	18W	**CCT Combined**	3100K / 4200K / 6400K
Luminaire Lumens Combined	1645 - 1670 lm	**lm/W Combined**	91 - 93 lm/w
Beam Angle	120°	**CRI**	80
SDCM	<6	**Lumen Maintenance**	0.8

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Spec Sheet C018

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	**Chromaticity coordinates x**	0.367
Chromaticity coordinates y	0.359	**Stroboscopic effect metric (SVM)**	0.0
Flicker Metric (pst)	0.0	**R9 colour rendering index**	16.0
Survival factor @6000hrs	0.9	**Claim LED Replace Fluorescent**	FALSE
Spectrum report available	Yes	**Displacement Factor**	0.92
CCT1/WATT1: Rated Peak Intensity	425 cd	**CCT2/WATT1: Rated Peak Intensity**	492 cd
CCT3/WATT1: Rated Peak Intensity	437 cd		

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

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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	941 g

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

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