

Phoenix



The Phoenix is a linear luminaire which can be supplied in continuous lengths with a max module size of 3000mm. Continuous lengths of multiple runs come as standard with a 'through wiring' loom meaning that only the start module of the run requires termination.

The luminaire is custom roll-formed to match each project's bespoke requirements of almost any geometric shapes, through custom bend radius and diameters to match an agreed technical drawing.

The Phoenix can be supplied in either surface or suspended formats

Product

Phoenix Direct	PHO/D
Phoenix Direct/Indirect	PHO/DI

Diffuser

Frosted Opal	/F1
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Module Type

Standalone	/0
Start	/1
Middle	/2
End	/3
Custom Length	/CL
Custom Shape	/CS

Lumen Output

902 lm/m	/902
1805 lm/m	/1805

Colour Temperature

3000K	/3K
4000K	/4K
6500K	/6K
Tunable White	/TW

Standard Colours*

White	RAL9016
White	RAL9010
Black	RAL9005
*Other colours available upon special request	

Dimming

Fixed output as default	
DALI dimming	-DA
Switch dim/Touch dim	-SD
Casambi dimming	-CA

Mounting

Surface mounted as default	
Suspended - 2.0m suspension kit complete with ceiling rose	-S

Sensor

PIR & Daylight	-S1
Smart Mesh, PIR & Daylight	-S2

Emergency

No emergency facility as default	
3 hour internal pack	-E1
3 hour internal pack with self-test function	-E2
3 hour integral pack with DALI reporting function	-E3

Lighting Data

Lumen Output	Wattage	lm/cW
902 lm/m (F1, 4000K)	10.5 W	86.3 lm/cW
1805 lm/m (F1, 4000K)	20.9 W	86.3 lm/cW

CCT	3000K 4000K 6500K
Light Source	SMD
SDCM	3
Longevity (L70/B10)	60,000 Hours
Colour Rendering	RA>82
UGR	<19

Technical Data

IP Rating	IP20
Construction	Aluminium Body Polycarbonate diffuser
RAL colour (standard)	9016 9010 9005
Mounting Method	Surface 2m Suspension
Protective class	SELV
Impact Resistance (IK)	IK04
Warranty	5 Years
Certification	UKCA, CE, ROHS

Electrical Data

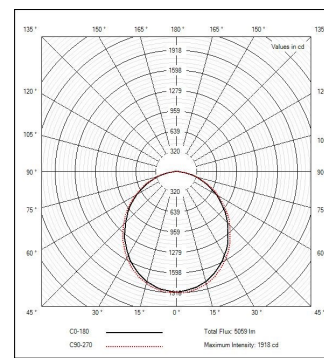
Rated Supply Voltage	220–240 V
AC Voltage Range	198–264 V
Mains Frequency	50/60 Hz
Output LF Current Ripple @ 120Hz	<2%
Overvoltage Protection	320 V
In-rush Current	12 A
THD	<20%
Power Factor	0.95
Parasitic Load	0.9
Operating Temperature	-25 +60 °C

Emergency Data

BLF	Lumen Output
27%	242 lm
13%	242 lm

Emergency Duration	3 Hours
Recharge Period	24 Hours
Battery Type	LiFePO4 (Lithium Iron Phosphate)
Battery Pack	3 x 3.2V 1.5Ah
Parasitic Load	1.2W
Operating Temperature	0–60 °C
Power Efficiency	95%
Certification	UKCA, CE, ROHS

Standard Photometry



Dimensions

Dimensions	50 x 75mm
Weight	4.1 kg/m

