

Exo



The Exo is a Ø180mm large area downlight. The downlight only requires 60mm of ceiling void making it ideal for installations where space is tight.

The heatsink is made from die - cast aluminium which houses the LED module. The bezel of the downlight is machined from aluminium ensuring a constant high quality finish with no surface blemishes. The product is then retained in the ceiling by two sprung arms to allow for quick and easy installation.

Product

Exo	EXO/
-----	------

Lumen Output

1802lm	/1802
2403lm	/2403

Colour Temperature

3000K	/3K
4000K	/4K
6500K	/6K

Beam Angle

90° Beam	/90
----------	-----

Standard Colours*

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

Mounting

Recessed mounted as default	
-----------------------------	--

Dimming

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

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
1802lm	14.3W	126.0
2403lm	19.1W	125.8

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

Technical Data

IP Rating	IP54
Construction	Diecast Aluminium
RAL colour (standard)	9016 9010 9005
Mounting Method	Recessed
Protective class	SELV
Impact Resistance (IK)	IK07
Warranty	5 Years
Certification	UKCA, CE, ROHS

Electrical Data

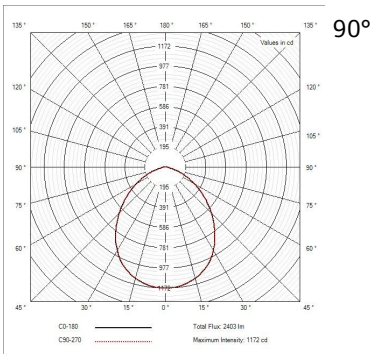
Rated Supply Voltage	220–240 V
AC Voltage Range	198–264 V
Mains Frequency	50/60 Hz
Output LF Current Ripple @ 120Hz	<5%
Overvoltage Protection	320 V
In-rush Current	14 A
THD	<10%
Power Factor	0.95
Parasitic Load	1.0 W
Operating Temperature	-25 +60 °C

Emergency Data

EOF	Lumen Output
19%	352lm
15%	350lm

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

Fixing Centres	Ø160mm
Dimensions	Ø180 x 60 mm
Weight	1.9kg

