



PETRA ECO



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 Hamriyah Free Zone Sharjah, UAE.

PETRA ECO 18W

LED RECESSED DOWN LIGHT

- IP65 protection from dust and water
- Efficient COB illumination
- Durable die-cast housing
- Multiple beam-angle options
- Quick recessed installation



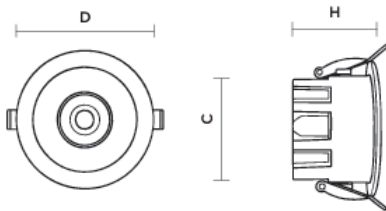
PCB-ECO-18

Technical		IK02	IP65	UGR <23	CRI >80
Light Source			COB		-
Luminous Efficacy (subject to a tolerance of ±10%)			100		Lumen / Watt
Correlated Colour Temperature (CCT)			3000/4000/6500		Kelvin
Lifetime			50,000		Hours
McAdam Binning			3		Step
Housing					
Body			Aluminium Die Cast		
Lens / Diffuser			PC Lens		
Reflector			Silver Glossy		
Mounting			Recessed		
Thermal					
Ambient Temperature (Ta)			-20 to 45		°Celsius
Storage Temperature (Ts)			-20 to 50		°Celsius
Humidity			10 to 90		RH(%)

ELECTRICAL CHARACTERISTICS

Control Option	ON/OFF	PHASE DIMMING	1-10V	DALI
Rated Power	18		Watts	
Input Current (@ 230V)	0.07		Amps	
Input Voltage	220 to 240		VAC	
Frequency	50 to 60		Hertz	
Output Current	0.5		Amps	
Output Voltage	25 to 45		VDC	
Power Factor	≥0.95			

DIMENSIONAL DETAILS



All measurements are in mm

D	W	H	Cutout	Weight
110Ø	-	58	95Ø	0.4 kg

PHOTOMETRIC DETAILS

Beam Angle	54.7°
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