



PETRA ECO



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 Hamriyah Free Zone Sharjah, UAE.

PETRA ECO 12W

LED RECESSED DOWN LIGHT

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



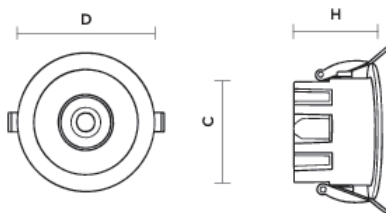
PCB-ECO-12

Technical		IK02	IP65	UGR <23	CRI >80
Light Source		COB		-	
Luminous Efficacy (subject to a tolerance of $\pm 10\%$)		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

Rated Power	12	Watts
Input Current (@ 230V)	0.05	Amps
Input Voltage	220 to 240	VAC
Frequency	50 to 60	Hertz
Output Current	250	mA
Output Voltage	25 to 45	VDC
Power Factor	>0.95	

DIMENSIONAL DETAILS



All measurements are in mm

L/D	W	H	Cutout	Weight
90Ø	-	50	75Ø	0.27 kg

PHOTOMETRIC DETAILS

Beam Angle	46°
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