



PETRA ECO



 +971 65 260 706  sales-me@hansagreen.com

 Hamriyah Free Zone Sharjah, UAE.

PETRA ECO 20W

LED RECESSED DOWN LIGHT

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



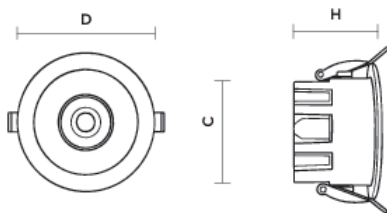
PCB-ECO-20

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

Rated Power	18	Watts
Input Current (@ 230V)	0.08	Amps
Input Voltage	220 to 240	VAC
Frequency	50 to 60	Hertz
Output Current	500	mA
Output Voltage	25 to 45	VDC
Power Factor	>0.95	

DIMENSIONAL DETAILS



All measurements are in mm

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

PHOTOMETRIC DETAILS

Beam Angle	54.7°
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