



MERIT



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 Hamriyah Free Zone Sharjah, UAE.

MERIT 07W

LED RECESSED SPOTLIGHT

- Tiltable** Design – Adjustable light focus.
- Easy installation - **Tool-free** spring-clip installation.
- Long life: 50,000+ hrs - Minimal maintenance.
- High Luminous efficacy - More light output.
- Consistent Performance & Quality - Delivers stable brightness.



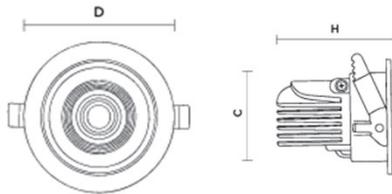
MT-STL-07

Technical			IK02	IP44	UGR <19	CRI >80
Light Source			COB		-	
Luminous Efficacy (subject to a tolerance of ±10%)			120		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			TIR Lens			
Reflector			Silver Glossy			
Mounting			Recessed mounting			
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
Control Brand	Tridonic			On/off
Rated Power	7			Watts
Input Current (@ 230V)	0.03			Amps
Input Voltage	220 to 240			VAC
Frequency	50 to 60			Hertz
Output Current	180			mA
Output Voltage	24 to 42			VDC
Power Factor	>0.95			

DIMENSIONAL DETAILS



All measurements are in mm

L/D	W	H	Cutout	Weight
90∅	-	94	75∅	0.2 kg

PHOTOMETRIC DETAILS

Beam Angle	27.7°
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