
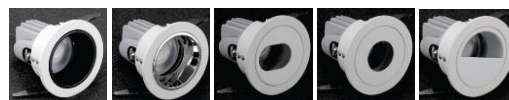


MERIT 07W MT-STL-07




 Luminaire shape


 Body color



 Die cast Aluminium Body

 IP44 Rated

 IP20 Rated Control gear

 50000 Hrs Lifetime

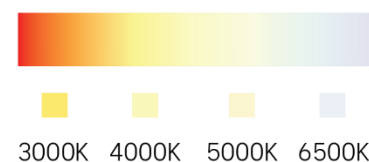
Merit is a versatile recessed spot light that can be used widely in indoors, easy to mount on the ceiling recess. The luminaire offering a broad range of power, reflector, color temperatures and options like motion detection, timer, sleep and twilight function.

This range of products are popular for a wide range of application such as office spaces, Foyers, Bathrooms, Conference Hall, residential and other indoor spaces.

Luminaire Details:





Product Name	: Merit
Product Type	: LED Recessed Spot Light
Product code	: MT-STL-07
Efficiency Classification	: Class B
Luminaire Type	: COB
Fixture Type	: Adjustable

Correlated Color Temperature:



Light Source Details:

Light Emission	: Spot Emission
Source brand	: Cree
Rated Power	: 07W
CRI	: >80
UGR	: <19
McAdam Binning	: Step 3

CCT	Rated Lumens
 3000K	630 lms
 4000K	665 lms
 5000K	700 lms
 6500K	735 lms

Luminaire Housing:

Body	: Die cast Aluminium
Reflector type	: Aluminium Reflector
Lens/Diffuser	: TIR Lens
Storage Temperature (Ts)	: -40 to 60°C
Ambient Temperature (Ta)	: -20 to 50°C
Humidity	: RH 10-90 %

5 Years Product Warranty

Control Gear Specifications:

Control Gear Brand	: Hansa Green
Input Voltage	: 220-240V AC
Input Current	: 0.03A
Frequency	: 50/60Hz
Output Voltage	: 12-23 V DC Max.
Output Current	: 300 mA
Max. Output power	: 09W
Power Factor	: >0.9
THD	: <15%
Case temperature(Tc)	: 80°C
Ambient Temperature	: -20 to 60 C
Over voltage protection	: Available
Short circuit Protection	: Available
No-Load Protection	: Available
Burst Protection Voltage	: 1KV
Surge Protection Voltage	: 1KV(L to N) & 2KV(L/N to Earth)

Control Gear Compatibility:

Control Gear is the driving unit of LED. Merit is compatible with Phase cut dimming, 0-10/1-10V dimming and DALI Dimming control gears.



Optics and Beam Angle:

24º Optics

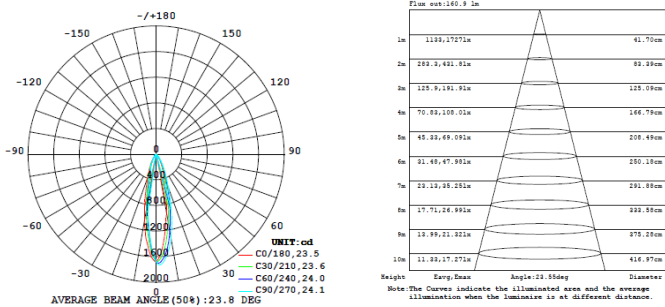
Add-on sensor Compatibility:



Merit is compatible with external add-on motion detection and daylight sensors.

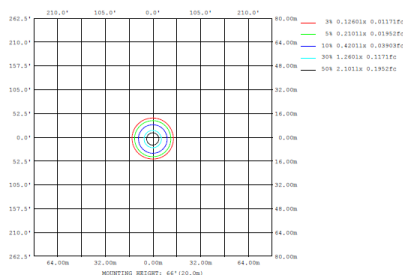
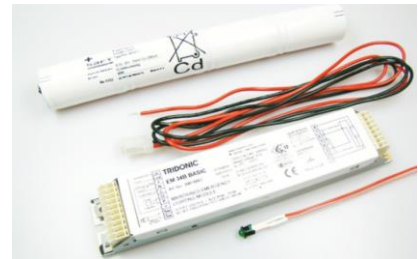
Photometric Details:

Photometric testing provides a comprehensive laboratory service for testing the amount, colour, quality and spatial distribution of light emitted from lamps, LEDs and luminaires. The standard photometric data files in IES (.ies) and EULUMDAT (.ldt) formats per IES LM 79-08 and BS EN 13032



Emergency Compatibility:

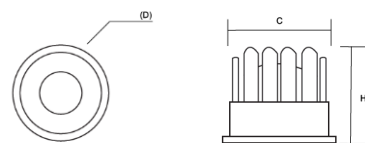
Merit is compatible with emergency kits



Ordering Codes

CCT	Code
3000K	629095007521
4000K	629095007541
5000K	629095007561
6500K	629095007591

Physical Dimensions:



Diameter	: 90 mm
Height	: 90 mm
Cut out	: 75 mm