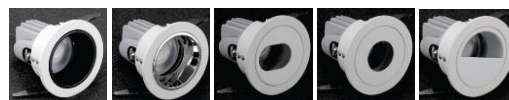**Hansagreen** LED

MERIT 10W MT-STL-10

Luminaire shape

Body color

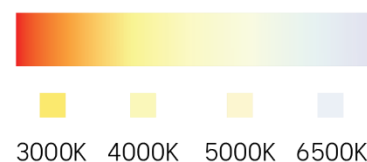Die cast Aluminium Body   IP44 Rated   IP20 Rated Control gear   50000 Hrs Lifetime

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-10
Efficiency Classification	: Class B
Luminaire Type	: COB
Fixture Type	: Adjustable

Light Source Details:

Light Emission	: Spot Emission
Source brand	: Cree
Rated Power	: 10W
CRI	: >80
UGR	: <19
McAdam Binning	: Step 3

Luminaire Housing:

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

Correlated Color Temperature:

3000K	4000K	5000K	6500K

CCT	Rated Lumens
3000K	900 lms
4000K	950 lms
5000K	1000 lms
6500K	1050 lms

5 Years Product Warranty

Hansagreen LED

Control Gear Specifications:

Control Gear Brand	:	Hansa Green
Input Voltage	:	220-240V AC
Input Current	:	0.0625A
Frequency	:	50/60Hz
Output Voltage	:	21-48 V DC Max.
Output Current	:	300 mA
Max. Output power	:	15W
Power Factor	:	>0.9
THD	:	<15%
Case temperature(Tc)	:	80ºC
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.

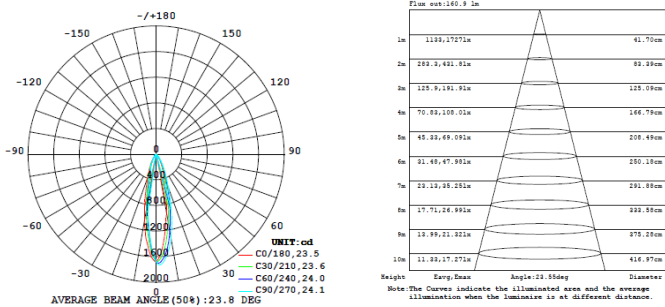| 0-10V | DALI |

Optics and Beam Angle:

24º Optics

Add-on sensor Compatibility:

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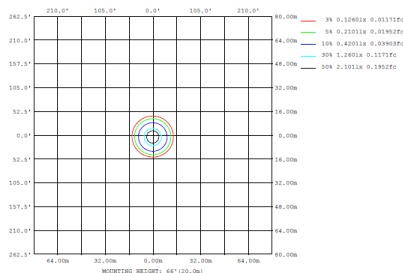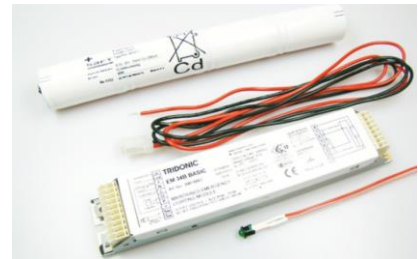motion detection
and daylight sensors.

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
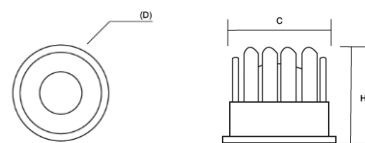data files in IES (.ies) and EULUMDAT (.ldt) formats per IES LM 79-08
and BS EN 13032

Emergency Compatibility:

Merit is compatible with
emergency kits

Physical Dimensions:

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

Ordering Codes

CCT	Code
3000K	629095010521
4000K	629095010541
5000K	629095010561
6500K	629095010591