



CASTEL 05W CTL-DL-05



 Luminaire shape

 Body color



Die cast Aluminium Body



IP44 Rated



IP20 Rated Control gear



50000 Hrs Lifetime

Castel 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, 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, lobbies, shops, residential and other indoor spaces.

Luminaire Details:

Product Name	: Castel
Product Type	: LED Recessed Spot Light
Product code	: CTL-DL-05
Efficiency Classification	: Class B
Luminaire Type	: COB
Fixture Type	: Adjustable





Correlated Color Temperature:



			
3000K	4000K	5000K	6500K

Light Source Details:

Light Emission	: Spot Emission
Source brand	: Cree
Rated Power	: 05W
CRI	: >80
UGR	: <19
McAdam Binning	: Step 3

CCT	Rated Lumens
 3000K	450lms
 4000K	475lms
 5000K	485lms
 6500K	500lms

Luminaire Housing:

Body	: Die cast Aluminium
Reflector type	: Faceted 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	: 0.02A
Frequency	: 50/60Hz
Output Voltage	: 12-23V DC Max.
Output Current	: 300 mA
Max. Output power	: 06W
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. Castel is compatible with Phase cut dimming, 0-10V/1-10V dimming and DALI Dimming control gears.



Optics and Beam Angle:

24°, 45°, 60° Optics

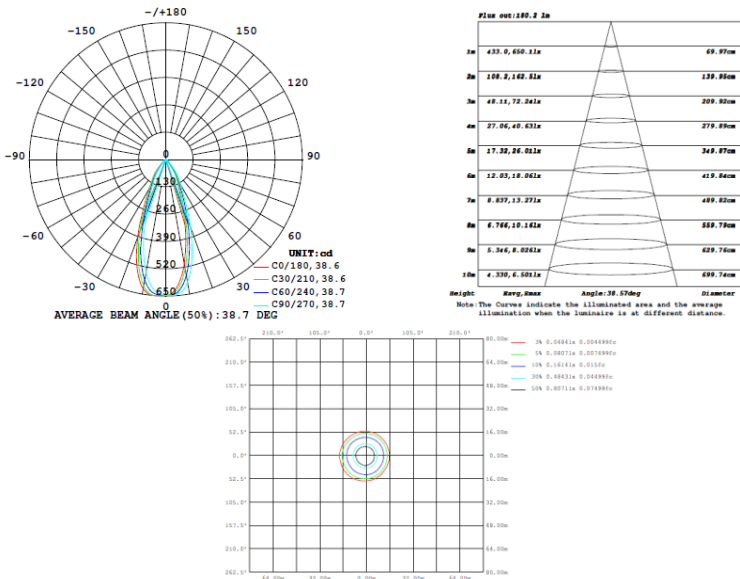
Add-on sensor Compatibility:



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

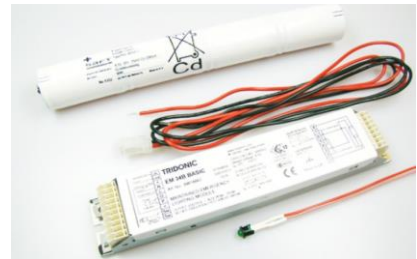
Photometric Details:

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:

Castel is compatible with emergency kits



Physical Dimensions:



Diameter	: 85 mm
Height	: 51 mm
Cut out	: 71 mm

Ordering Codes

CCT	Code
3000K	629055005521
4000K	629055005541
5000K	629055005561
6500K	629055005591