



# CASTEL 07W CTL-DL-07



 Luminaire shape

 Body color



Die cast Aluminium Body



IP44 Rated



IP20 Rated Control gear



50000 Hrs Lifetime

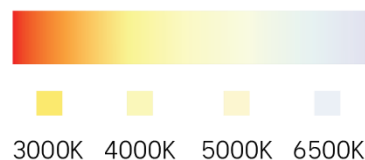
Castel is a versatile recessed spot light that can be used widely in indoors, easy to mount on the ceiling recess. The luminaire offering a broad range of power, color temperatures and options like motion detection, timer, sleep and twilight function.

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-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	630lms
 4000K	665lms
 5000K	675lms
 6500K	700lms

### 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	: 0.029A
Frequency	: 50/60Hz
Output Voltage	: 21-48V DC Max.
Output Current	: 300 mA
Max. Output power	: 08W
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, 0-10/1-10V dimming and DALI Dimming control gears.



**Optics and Beam Angle:**

24°, 45°, 60° Optics

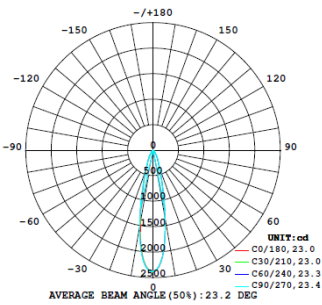
**Add-on sensor Compatibility:**



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

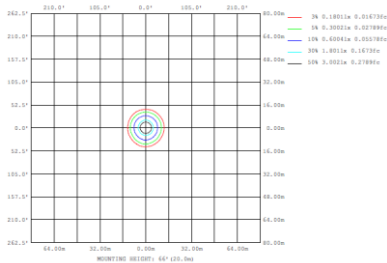
Photometric Details:

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



Height	Avg. Illum	Angle: 23.88deg	Diameter
2m	1654, 2492lx		40.60mm
3m	413, 6, 609, 61lx		61.30mm
4m	183, 8, 266, 81lx		121.90mm
5m	103, 4, 150, 11lx		162.60mm
6m	66, 18, 96, 06lx		203.30mm
7m	45, 96, 66, 71lx		243.90mm
8m	33, 76, 49, 06lx		284.60mm
9m	25, 85, 37, 82lx		325.30mm
10m	20, 43, 29, 65lx		365.90mm
11m	16, 54, 24, 01lx		406.60mm

Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

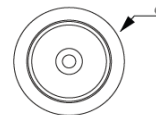


**Emergency Compatibility:**

Castel is compatible with emergency kits



**Physical Dimensions:**



Diameter	: 108 mm
Height	: 65 mm
Cut out	: 90 mm

Ordering Codes

CCT	Code
3000K	629055007521
4000K	629055007541
5000K	629055007561
6500K	629055007591