



CASTEL 20W CTL-DL-20



 Luminaire shape

 Body color



Die cast Aluminium Body



IP44 Rated



IP20 Rated Control gear



50000 Hrs Lifetime

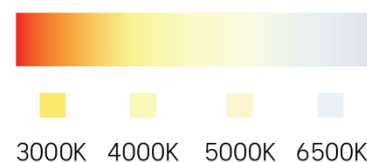
Castel is a versatile recessed spot light that can be used widely in indoors, easy to mount on the ceiling recess. The luminaire offering a broad range of power, color temperatures and options like motion detection, timer, sleep and twilight function.

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-20 |
| 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 | : 20W |
| CRI | : >80 |
| UGR | : <19 |
| McAdam Binning | : Step 3 |

| CCT | Rated Lumens |
|---|--------------|
|  3000K | 1895lms |
|  4000K | 1920lms |
|  5000K | 1960lms |
|  6500K | 2100lms |

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 | : 0.083A |
| Frequency | : 50/60Hz |
| Output Voltage | : 36-72 V DC Max. |
| Output Current | : 300 mA |
| Max. Output power | : 22W |
| 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:



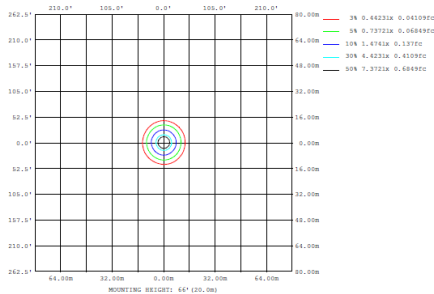
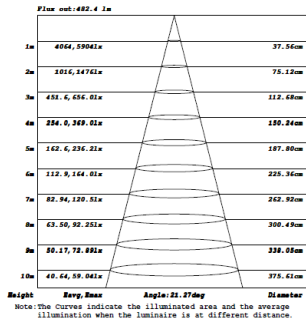
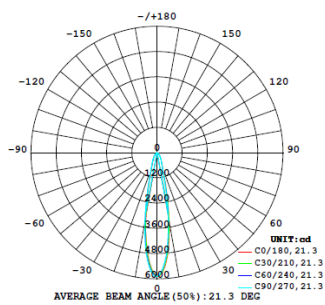
Castel is compatible with external add-on motion detection and daylight sensors.

Photometric Details:

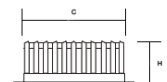
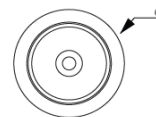
Photometric testing provides a comprehensive laboratory service for testing the amount, colour, quality and spatial distribution of light emitted from lamps, LEDs and luminaires. The standard photometric data files in IES (.ies) and EULUMDAT (.ldt) formats per IES LM 79-08 and BS EN 13032

Emergency Compatibility:

Castel is compatible with emergency kits



Physical Dimensions:



| | |
|----------|----------|
| Diameter | : 160 mm |
| Height | : 82 mm |
| Cut out | : 143 mm |

Ordering Codes

| | |
|-------|--------------|
| CCT | Code |
| 3000K | 629055020521 |
| 4000K | 629055020541 |
| 5000K | 629055020561 |
| 6500K | 629055020591 |