



# ACUTE FL 05W ACU-FL-05



 Luminaire shape

 Body color



Die cast Aluminium Body



IP44 Rated



IP20 Rated Control gear



50000 Hrs Lifetime

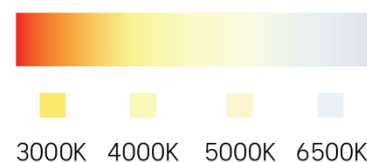
Acute FL is a versatile recessed spot light that can be used widely in indoors, easy to mount on the ceiling recess. The luminaire offering a broad range of power,color temperatures and options like motion detection, timer, sleep and twilight function.

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

### Luminaire Details:





Product Name	: Acute FL
Product Type	: LED Recessed Spot Light
Product code	: ACU-FL-05
Efficiency Classification	: Class B
Luminaire Type	: COB
Fixture Type	: Fixed

### Correlated Color Temperature:



### 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	450 lms
 4000K	475 lms
 5000K	500 lms
 6500K	525 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	: 8W
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. Acute FL is compatible with Phase cut dimming, 0-10V/1-10V dimming and DALI Dimming control gears.



**Optics and Beam Angle:**

24° Optics

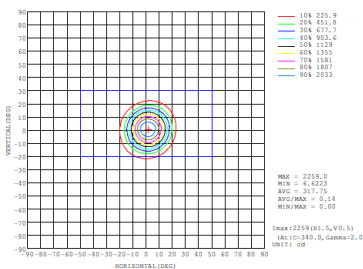
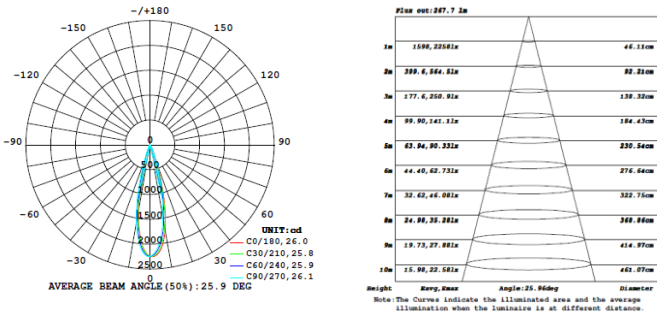
**Add-on sensor Compatibility:**



Acute FL 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

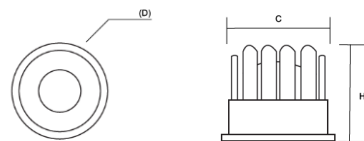


**Emergency Compatibility:**

Acute FL is compatible with emergency kits



**Physical Dimensions:**



Diameter	: 64 mm
Height	: 48 mm
Cut out	: 50 mm

**Ordering Codes**

CCT	Code
3000K	629161005521
4000K	629161005541
5000K	629161005561
6500K	629161005591