



# ALESSO-DC 10W ADL-DC-10



 Luminaire shape

 Body color



Die cast Aluminium Body



IP44 Rated



IP20 Rated Control gear



50000 Hrs Lifetime

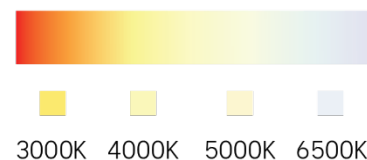
Alesso-DC is a versatile recessed down light that can be used widely in indoors, easy to mount on the ceiling recess. The luminaire offering a broad range of power, color temperatures and options like motion detection, timer, sleep and twilight function.

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

### Luminaire Details:

Product Name	: Alesso-DC
Product Type	: LED Recessed Down Light
Product code	: ADL-DC-10
Efficiency Classification	: Class B
Luminaire Type	: SMD
Fixture Type	: Fixed

### Correlated Color Temperature:



### Light Source Details:

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

CCT	Rated Lumens
 3000K	910lms
 4000K	960lms
 5000K	1000lms
 6500K	1030lms

### Luminaire Housing:

Body	: Die cast Aluminium
Reflector type	:
Lens/Diffuser	: PC Diffuser
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	: 0.06A
Frequency	: 50/60Hz
Output Voltage	: 21-48 V DC Max.
Output Current	: 300 mA
Max. Output power	: 12W
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. Alesso-DC is compatible with Phase cut dimming, 0-10V/1-10V dimming and DALI Dimming control gears.



**Optics and Beam Angle:**

60° Optics

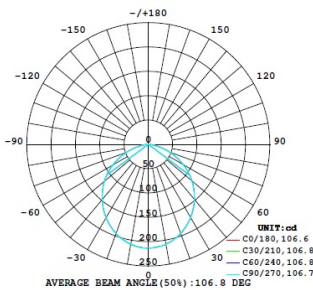
**Add-on sensor Compatibility:**



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

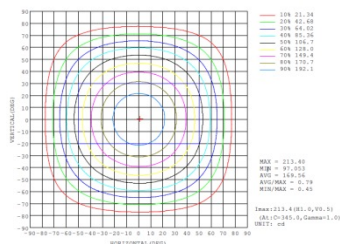
**Photometric Details:**

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



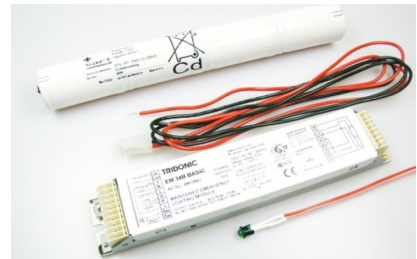
Height	Beam Area	Angle (50% beam)	Diameter
1m	0.0792 m²	106.8 DEG	316mm
2m	0.3168 m²	106.8 DEG	416mm
3m	0.4752 m²	106.8 DEG	476mm
4m	0.6336 m²	106.8 DEG	536mm
5m	0.7920 m²	106.8 DEG	596mm
6m	0.9504 m²	106.8 DEG	656mm
7m	1.1088 m²	106.8 DEG	716mm
8m	1.2672 m²	106.8 DEG	776mm
9m	1.4256 m²	106.8 DEG	836mm
10m	1.5840 m²	106.8 DEG	896mm

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

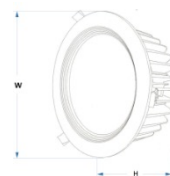


**Emergency Compatibility:**

Alesso-DC is compatible with emergency kits



**Physical Dimensions:**



Diameter(W)	: 90 mm
Height(H)	: 50 mm
Cut out	: 70 mm

**Ordering Codes**

CCT	Code
3000K	629049010521
4000K	629049010541
5000K	629049010561
6500K	629049010591