



ALESSO-DC 25W ADL-DC-25



 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-25
Efficiency Classification	: Class B
Luminaire Type	: SMD
Fixture Type	: Fixed





Correlated Color Temperature:



			
3000K	4000K	5000K	6500K

Light Source Details:

Light Emission	: Spot Emission
Source brand	: Everlight
Rated Power	: 25W
CRI	: >80
UGR	: <19
McAdam Binning	: Step 3

CCT	Rated Lumens
 3000K	2300lms
 4000K	2375lms
 5000K	2500lms
 6500K	2625lms

Luminaire Housing:

Body	: Die cast Aluminium
Reflector type	: Aluminium
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	: 0.13A
Frequency	: 50/60Hz
Output Voltage	: 25-45 V DC Max.
Output Current	: 600 mA
Max. Output power	: 27W
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, 0-10/1-10V dimming and DALI Dimming control gears.

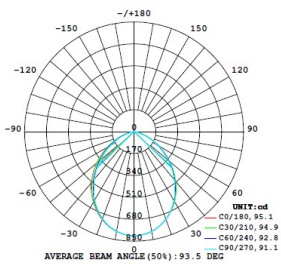


Optics and Beam Angle:

60° Optics

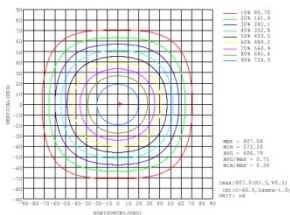
Photometric Details:

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 diam	Angle: 93.5 Deg	Beam diam
1m	343.7, 897.81x		897.78mm
2m	68.84, 897.81x		497.86mm
3m	38.16, 897.741x		413.34mm
4m	27.46, 897.481x		375.73mm
5m	23.79, 897.381x		361.90mm
6m	19.87, 897.441x		322.68mm
7m	7.097, 897.14481x		329.46mm
8m	7.386, 897.481x		339.25mm
9m	4.236, 897.741x		354.03mm
10m	3.433, 897.81x		357.81mm

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



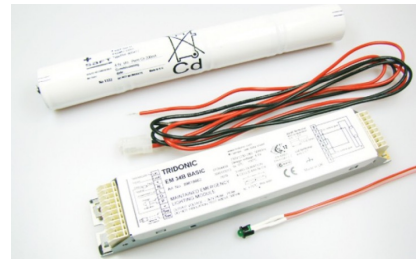
Add-on sensor Compatibility:



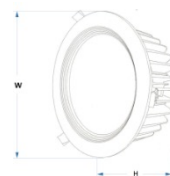
Alesso-DC is compatible with external add-on motion detection and daylight sensors.

Emergency Compatibility:

Alesso-DC is compatible with emergency kits



Physical Dimensions:



Diameter(W)	: 165 mm
Height(H)	: 60 mm
Cut out	: 142 mm

Ordering Codes

CCT	Code
3000K	629049025521
4000K	629049025541
5000K	629049025561
6500K	629049025591