



ALESSO-CB 10W ADL-CB-10




 Luminaire shape

 Body color

 Die cast Aluminium Body

 IP44 Rated

 IP20 Rated Control gear

 50000 Hrs Lifetime

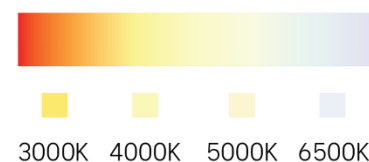
Alesso-CB is a versatile recessed down light that can be used widely in indoors, easy to mount on the ceiling recess. The luminaire offering a broad range of power, color temperatures and options like motion detection, timer, sleep and twilight function.

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-CB
Product Type	: LED Recessed Down Light
Product code	: ADL-CB-10
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	: 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	: Aluminium
Lens/Diffuser	: Center frosted glass
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-CB is compatible with Phase cut dimming, 0-10/1-10V dimming and DALI Dimming control gears.



Optics and Beam Angle:

40° Optics

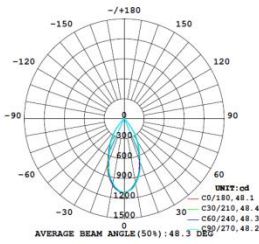
Add-on sensor Compatibility:



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

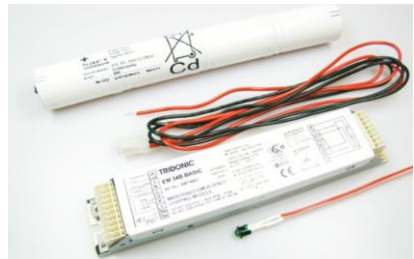
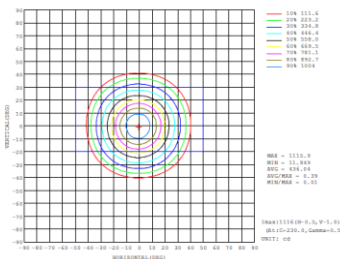
Photometric Details:

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 Diameter	Beam Angle at 1500mm	Diameter
1500	48.30	48.30°	48.30mm
750	96.60	48.30°	96.60mm
500	144.90	48.30°	144.90mm
375	193.20	48.30°	193.20mm
300	241.50	48.30°	241.50mm
250	289.80	48.30°	289.80mm
225	338.10	48.30°	338.10mm
200	386.40	48.30°	386.40mm
180	434.70	48.30°	434.70mm
160	483.00	48.30°	483.00mm

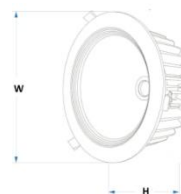
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distances.



Emergency Compatibility:

Alesso-CB is compatible with emergency kits

Physical Dimensions:



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

Ordering Codes

CCT	Code
3000K	629048010521
4000K	629048010541
5000K	629048010561
6500K	629048010591