

ALESSO-CB 30W ADL-CB-30



Luminaire shape

Body color

Die cast Aluminium Body

IP44 Rated

IP20 Rated Control gear

50000 Hrs Lifetime

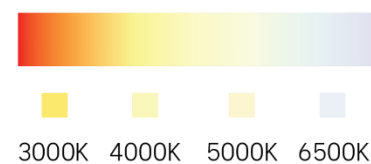
Alesso-CB is a versatile recessed down light that can be used widely in indoors, easy to mount on the ceiling recess. The luminaire offering a broad range of power, color temperatures and options like motion detection, timer, sleep and twilight function.

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-30
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	: 30W
CRI	: >80
UGR	: <19
McAdam Binning	: Step 3

CCT	Rated Lumens
3000K	2760lms
4000K	2850lms
5000K	3000lms
6500K	3150lms

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	: 0.13A
Frequency	: 50/60Hz
Output Voltage	: 25-45 V DC Max.
Output Current	: 750 mA
Max. Output power	: 30W
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:

110° Optics

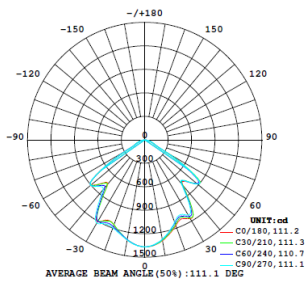
Add-on sensor Compatibility:



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

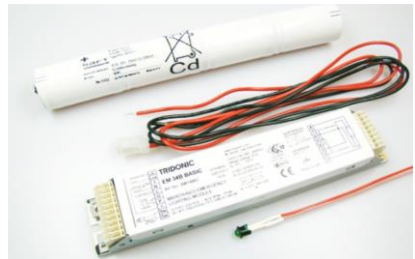
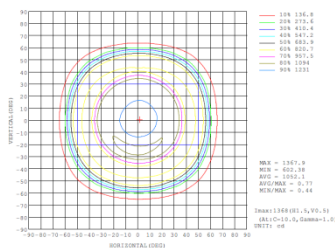
Photometric Details:

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	Angle: 111.1 Beam	Diameter
1m	387.0, 1389lx		387.0mm
2m	96.75, 342.4lx		96.75mm
3m	47.00, 182.2lx		47.00mm
4m	24.19, 88.59lx		24.19mm
5m	15.45, 54.79lx		15.45mm
6m	10.76, 38.04lx		10.76mm
7m	7.688, 27.85lx		7.688mm
8m	5.647, 21.40lx		5.647mm
9m	4.178, 14.91lx		4.178mm
10m	3.370, 11.49lx		3.370mm

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



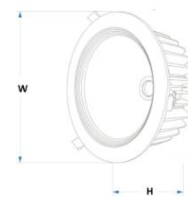
Emergency Compatibility:

Alesso-CB is compatible with emergency kits

Ordering Codes

CCT	Code
3000K	629048030521
4000K	629048030541
5000K	629048030561
6500K	629048030591

Physical Dimensions:



Diameter(W)	: 225 mm
Height(H)	: 80 mm
Cut out	: 195 mm