



PETRA CB 10W PCB-10





 Luminaire shape

 Body color

 Die cast Aluminium Body

 IP65 Rated

 IP65 Rated Control gear

 50000 Hrs Lifetime

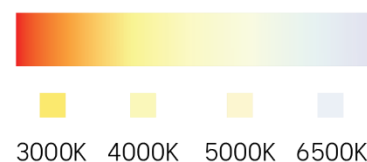
Petra CB is a versatile recessed IP65 downlight that can be used widely in indoors, easy to mount on the ceiling recess. The luminaire offering a broad range of power, color temperatures and options like motion detection, timer, sleep and twilight function.

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

Luminaire Details:





Product Name	: Petra CB
Product Type	: LED Recessed Down Light
Product code	: PCB-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	900 lms
 4000K	950 lms
 5000K	1000 lms
 6500K	1050 lms

Luminaire Housing:

Body	: Die cast Aluminium
Reflector type	: Faceted Reflector
Lens/Diffuser	: Frosted Glass 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	: 0.0625A
Frequency	: 50/60Hz
Output Voltage	: 21-48 V DC Max.
Output Current	: 300 mA
Max. Output power	: 15W
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. Petra CB is compatible with Phase cut dimming, 0-10/1-10V dimming and DALI Dimming control gears.



Optics and Beam Angle:

60° Optics

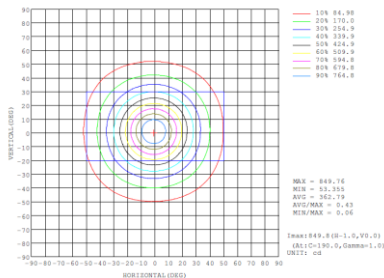
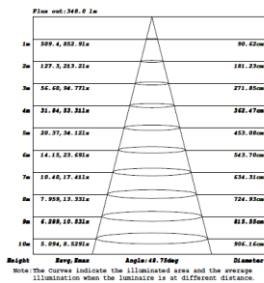
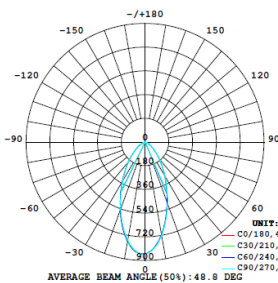
Add-on sensor Compatibility:



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

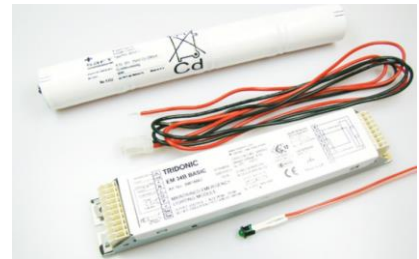
Photometric Details:

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

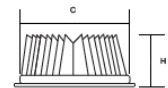
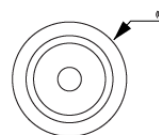


Emergency Compatibility:

Petra CB is compatible with emergency kits



Physical Dimensions:



Diameter	: 110 mm
Height	: 62 mm
Cut out	: 97 mm

Ordering Codes

CCT	Code
3000K	629044010521
4000K	629044010541
5000K	629044010561
6500K	629044010591