



PETRA CB 40W PCB-40





 Luminaire shape

 Body color

 Die cast Aluminium Body

 IP65 Rated

 IP65 Rated Control gear

 50000 Hrs Lifetime

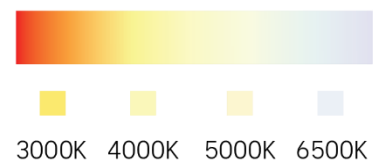
Petra CB is a versatile recessed IP65 downlight that can be used widely in indoors, easy to mount on the ceiling recess. The luminaire offering a broad range of power, color temperatures and options like motion detection, timer, sleep and twilight function.

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-40
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	: 40W
CRI	: >80
UGR	: <19
McAdam Binning	: Step 3

CCT	Rated Lumens
 3000K	3800 lms
 4000K	4000 lms
 5000K	4200 lms
 6500K	4400 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	: 0.188A
Frequency	: 50/60Hz
Output Voltage	: 25-45 V DC Max.
Output Current	: 1050 mA
Max. Output power	: 45W
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

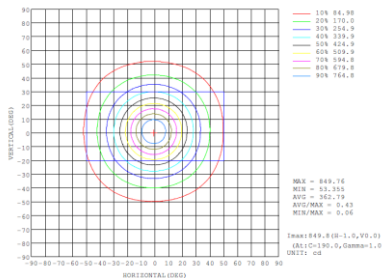
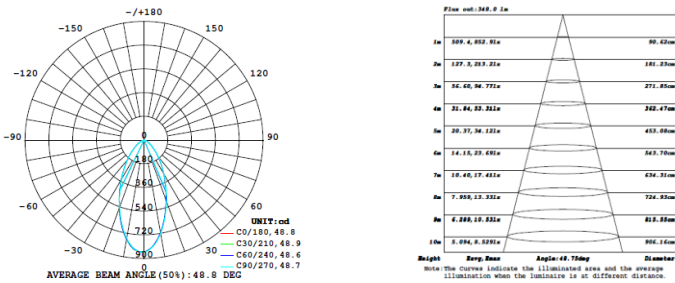
Add-on sensor Compatibility:



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

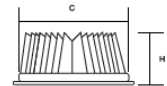
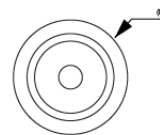


Emergency Compatibility:

Petra CB is compatible with emergency kits



Physical Dimensions:



Diameter	: 185 mm
Height	: 105 mm
Cut out	: 160 mm

Ordering Codes

CCT	Code
3000K	629044040521
4000K	629044040541
5000K	629044040561
6500K	629044040591