



HYDRACE SQ 12W HYD-12-SQ





 Luminaire shape

 Body color

 Die cast Aluminium Body

 IP54 Rated

 IP20 Rated Control gear

 50000 Hrs Lifetime

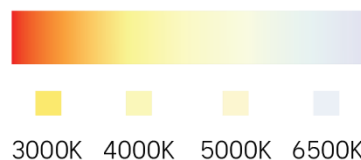
Hydrace SQ is a versatile recessed spot light that can be used widely in indoors, easy to mount on the ceiling recess. The luminaire offering a broad range of power,color temperatures and options like motion detection, timer, sleep and twilight function.

This range of products are popular for a wide range of application such as office spaces, Foyers, Bathrooms, Conference Hall, residential and other indoor spaces.

Luminaire Details:

Product Name	: Hydrace SQ
Product Type	: LED Recessed Spot Light
Product code	: HYD-12-SQ
Efficiency Classification	: Class B
Luminaire Type	: COB
Fixture Type	: Adjustable

Correlated Color Temperature:



Light Source Details:

Light Emission	: Spot Emission
Source brand	: Cree
Rated Power	: 12W
CRI	: >80
UGR	: <19
McAdam Binning	: Step 3

CCT	Rated Lumens
 3000K	1080 lms
 4000K	1140 lms
 5000K	1200 lms
 6500K	1260 lms

Luminaire Housing:

Body	: Die cast Aluminium
Reflector type	: Aluminium Reflector
Lens/Diffuser	: 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. Hydrace SQ is compatible with Phase cut dimming, 0-10/1-10V dimming and DALI Dimming control gears.



Optics and Beam Angle:

24° Optics

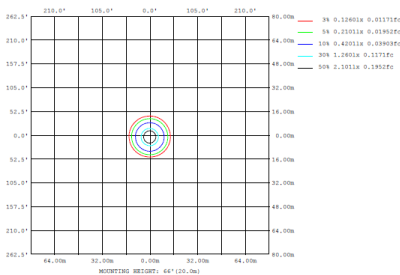
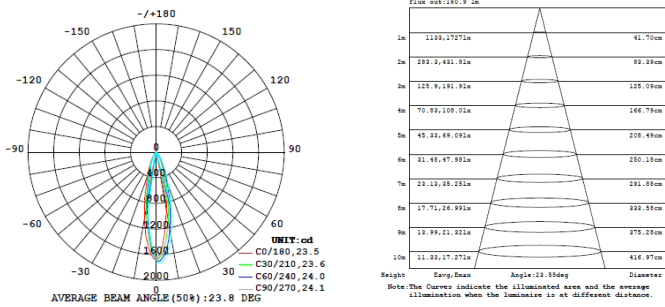
Add-on sensor Compatibility:



Hydrace SQ 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

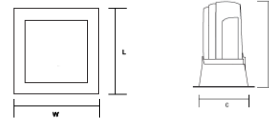


Emergency Compatibility:

Hydrace SQ is compatible with emergency kits



Physical Dimensions:



Length	: 88 mm
Width	: 88 mm
Height	: 108 mm
Cut out	: 80*80 mm

Ordering Codes

CCT	Code
3000K	629239012521
4000K	629239012541
5000K	629239012561
6500K	629239012591