

LAUREL X 20W LRL-X-20



Luminaire shape

Body color



Die cast Aluminium Body



IP44 Rated



IP20 Rated Control gear



50000 Hrs Lifetime

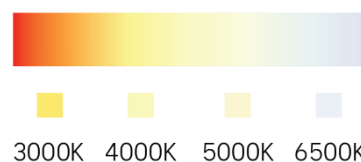
Laurel X is a versatile recessed down light that can be used widely in indoors, easy to mount on the ceiling recess. The luminaire offering a broad range of power, color temperatures and options like motion detection, timer, sleep and twilight function.

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

Luminaire Details:

Product Name	: Laurel X
Product Type	: LED Recessed Down Light
Product code	: LRL-X-20
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	: 20 W
CRI	: >80
UGR	: <19
McAdam Binning	: Step 3

CCT	Rated Lumens
3000K	1800 lms
4000K	1900 lms
5000K	2000 lms
6500K	2100 lms

Luminaire Housing:

Body	: Die cast Aluminium
Reflector type	: Silver Glossy /Mat Silver /White Reflector
Lens/Diffuser	: PC 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	: 0.083A
Frequency	: 50/60Hz
Output Voltage	: 36-72V DC Max.
Output Current	: 300 mA
Max. Output power	: 22W
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. Laurel X is compatible with Phase cut dimming, 0-10V/1-10V dimming and DALI Dimming control gears.



Optics and Beam Angle:

24°, 60° Optics

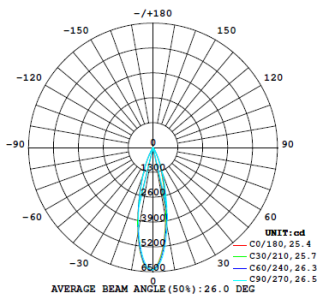
Add-on sensor Compatibility:



Laurel X is compatible with external add-on motion detection and daylight sensors.

Photometric Details:

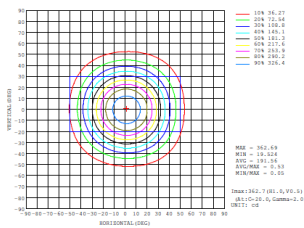
Photometric testing provides a comprehensive laboratory service for testing the amount, colour, quality and spatial distribution of light emitted from lamps, LEDs and luminaires. The standard photometric data files in IES (.ies) and EULUMDAT (.ldt) formats per IES LM 79-08 and BS EN 13032



Φlum out: 2249 lm

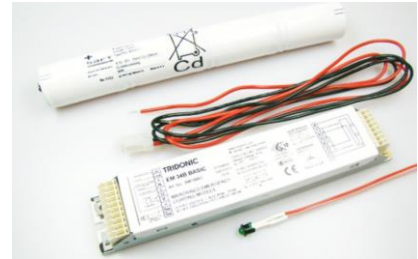
Height	Beam Diameter	Angle: 72.85deg	Diameter
2m	337.23301x		147.50mm
3m	509.2.582.41x		235.15mm
4m	744.3.258.81x		342.73mm
5m	1027.99.181x		477.80mm
6m	1435.64.721x		654.66mm
7m	2007.47.541x		903.04mm
8m	2805.36.481x		1200.61mm
9m	3894.28.741x		1658.18mm
10m	5337.23.301x		2295.77mm

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

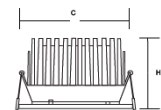
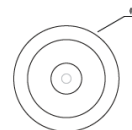


Emergency Compatibility:

Laurel X is compatible with emergency kits



Physical Dimensions:



Diameter	: 101 mm
Height	: 60 mm
Cut out	: 90 mm

Ordering Codes

CCT	Code
3000K	629222020521
4000K	629222020541
5000K	629222020561
6500K	629222020591