



MAGNOR 30W MGN-RD-30



 Luminaire shape

 Body color



Die cast Aluminium Body



IP44 Rated



IP20 Rated Control gear



50000 Hrs Lifetime

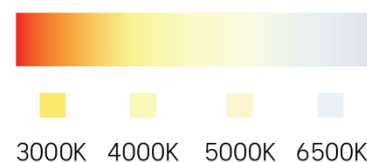
Magnor is a versatile recessed panel downlight that can be used widely in indoors, easy to mount on the ceiling recess. The luminaire offering a broad range of power, color temperatures and options like motion detection, timer, sleep and twilight function.

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

Luminaire Details:





Product Name	: Magnor
Product Type	: LED Recessed Small Panel Light
Product code	: MGN-RD-30
Efficiency Classification	: Class B
Luminaire Type	: SMD
Fixture Type	: Fixed

Correlated Color Temperature:



Light Source Details:

Light Emission	: Spot Emission
Source brand	: Everlight
Rated Power	: 30W
CRI	: >80
UGR	: <19
McAdam Binning	: Step 3

CCT	Rated Lumens
 3000K	2700 lms
 4000K	2850 lms
 5000K	3000 lms
 6500K	3150 lms

Luminaire Housing:

Body	: Die Cast Aluminium
Reflector type	: -
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	: 0.146 A
Frequency	: 50/60Hz
Output Voltage	: 25-45 V DC Max.
Output Current	: 750 mA
Max. Output power	: 32W
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. Magnor 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:



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

Photometric Details:

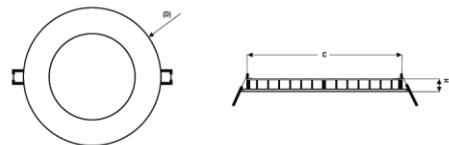
Photometric testing provides a comprehensive laboratory service for testing the amount, colour, quality and spatial distribution of light emitted from lamps, LEDs and luminaires. The standard photometric data files in IES (.ies) and EULUMDAT (.ldt) formats per IES LM 79-08 and BS EN 13032

Emergency Compatibility:

Magnor is compatible with emergency kits



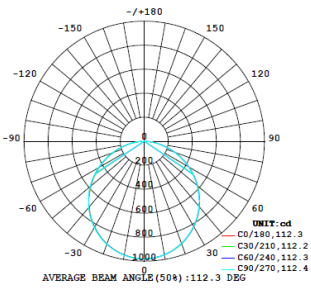
Physical Dimensions:



Diameter	: 230 mm
Height	: 25 mm
Cut out	: 185 mm

Ordering Codes

CCT	Code
3000K	629162030521
4000K	629162030541
5000K	629162030561
6500K	629162030591



Height	Beam	Angle (1/11.33deg)	Diameter
1m	284.6.882.71m		230.45mm
2m	70.85.249.21m		506.92mm
3m	32.80.117.31m		891.89mm
4m	19.34.42.24m		1174.86mm
5m	11.74.29.71m		1447.81mm
6m	8.180.27.87m		1760.77mm
7m	6.489.22.24m		2054.83mm
8m	5.495.19.41m		2347.89mm
9m	4.822.12.28m		2641.15mm
10m	4.424.9.827m		2894.41mm

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

