

# MAGNOR 40W MGN-RD-40



Luminaire shape

Body color

Die cast Aluminium Body

IP44 Rated

IP20 Rated Control gear

50000 Hrs Lifetime

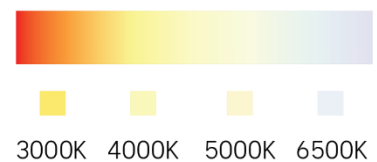
Magnor is a versatile recessed panel downlight that can be used widely in indoors, easy to mount on the ceiling recess. The luminaire offering a broad range of power, color temperatures and options like motion detection, timer, sleep and twilight function.

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

CCT	Rated Lumens
3000K	3600 lms
4000K	3800 lms
5000K	4000 lms
6500K	4200 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 /Tridonic
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. 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:**



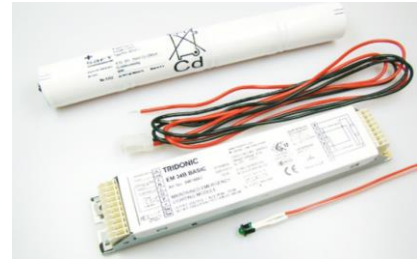
Magnor is compatible with external add-on motion detection and daylight sensors.

**Photometric Details:**

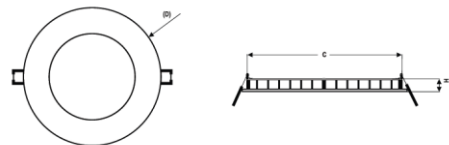
Photometric testing provides a comprehensive laboratory service for testing the amount, colour, quality and spatial distribution of light emitted from lamps, LEDs and luminaires. The standard photometric data files in IES (.ies) and EULUMDAT (.ldt) formats per IES LM 79-08 and BS EN 13032

**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	629162040521
4000K	629162040541
5000K	629162040561
6500K	629162040591

