Hansagreen LED

MAGNOR 20W MGN-RD-20

○ Luminaire shape

▢ Body color

▱ Die cast Aluminium Body   IP44 Rated   IP20 Rated Control gear   50000 Hrs Lifetime
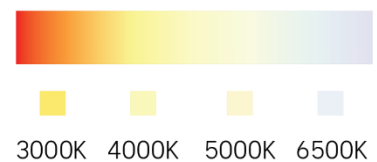
Magnor is a versatile recessed panel downlight that can be used widely in indoors, easy to mount on the ceiling recess. The luminaire offering a broad range of power, color temperatures and options like motion detection, timer, sleep and twilight function.

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-20
Efficiency Classification	: Class B
Luminaire Type	: SMD
Fixture Type	: Fixed

Light Source Details:

Light Emission	: Spot Emission
Source brand	: Everlight
Rated Power	: 20W
CRI	: >80
UGR	: <19
McAdam Binning	: Step 3

Luminaire Housing:

Body	: Die Cast Aluminium
Reflector type	: -
Lens/Diffuser	: PC Diffuser
Storage Temperature (Ts)	: -40 to 60ºC
Ambient Temperature (Ta)	: -20 to 50ºC
Humidity	: RH 10-90 %

Correlated Color Temperature:

3000K   4000K   5000K   6500K

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

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	:	36-72 V DC Max.
Output Current	:	300 mA
Max. Output power	:	22W
Power Factor	:	>0.9
THD	:	<15%
Case temperature(Tc)	:	80ºC
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.

[0-10V]   [DALI]

Optics and Beam Angle:

110º Optics

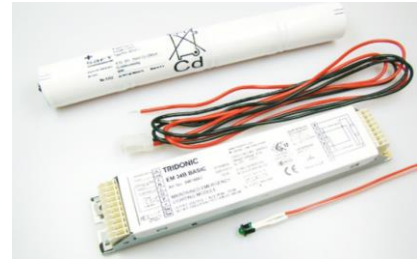## Add-on sensor Compatibility:

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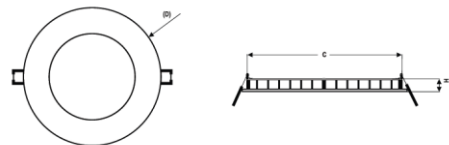and daylight sensors.

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:
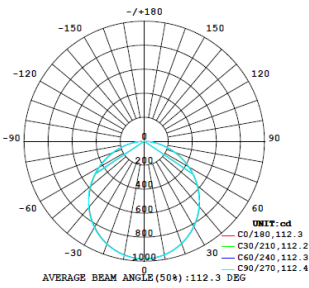
Magnor is compatible with emergency kits

Physical Dimensions:

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

Ordering Codes

CCT	Code
3000K	629162020521
4000K	629162020541
5000K	629162020561
6500K	629162020591