

# LED WELLGLASS LIGHTING FIXTURES

## WG2 Series - Copper-free aluminium



- Wellglass lighting fixture made in copper-free aluminium and tempered glass; provided with AISI304 or AISI316L stainless steel hardware and screws;
- LED lifetime-saving technology and over voltage protection system;
- High corrosion resistance and designed for the harshest temperatures.
- High efficiency up to 176 lm/ W

### MARKING

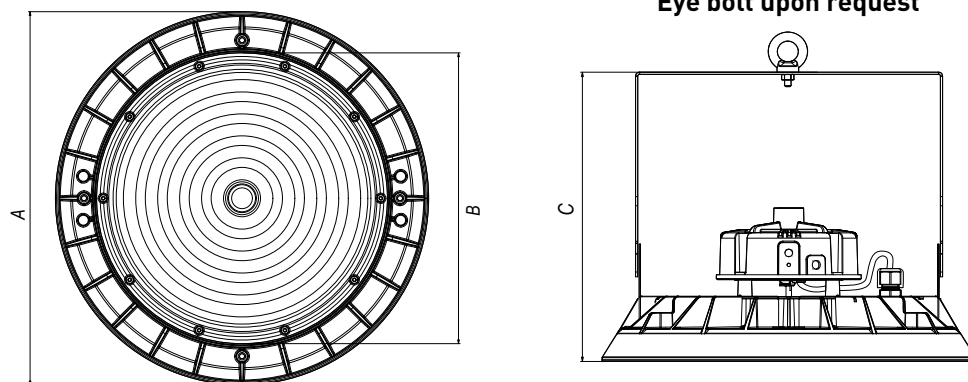
II 3 G Ex ec IIC T3 Gc

II 3 D Ex tc IIIC T90 °C Dc

## TECHNICAL FEATURES

<b>Material</b>	Copper-free aluminium and tempered glass
<b>IP/IK rating</b>	IP65
<b>Ambient temperature range</b>	-20°C to +50°C with MARECHAL® 5 Amps PNCX connector -35°C to +50°C with Junction Box
<b>Approvals</b>	ATEX: TNI 24ATEX0012 X IECEX: upcoming
<b>Zones</b>	Gas Zone: 2 Dust Zone: 22 with manufacturer declaration of conformity accordance to ATEX
<b>Rated voltage</b>	220 - 240 VAC
<b>Frequency</b>	50 - 60 Hz
<b>Colour rendering index</b>	70CRI
<b>Colour temperature</b>	4.000 K
<b>Power factor</b>	cos φ ≥ 0,98
<b>Surge protection</b>	8kV
<b>Driver</b>	Integrated equipped with thermal guard protection to prevent overtemperature
<b>LED Lifetime L70/80 Ta+25°C</b>	> 66.000 h -according to IES LM-80-08
<b>Hardware and screws</b>	AISI316L stainless steel
<b>Coating</b>	Painted by polyurethane painting: RAL5014 painting cycle C4 suitable for On-Shore The reference standard is UNI EN ISO 12944 -1:2018 Upon request other colours and C5 painting cycles
<b>Entries</b>	Pre-wired and assembled with MARECHAL® 5 Amps PNCX connector or Pre-wired and assembled with GRP Junction Box with M20 Entry
<b>Through wiring</b>	Loop-in/Loop-out possibility upon request
<b>Accessories upon request</b>	Mounting kit in AISI316L stainless steel: Pole mounting kit, from 1 1/2" up to 2" Cable gland kit in brass nichel chrome or AISI316L stainless steel or resin Protection guard in AISI316L stainless steel Eye bolt for suspension (indoor use) Emergency version 60° or 180°

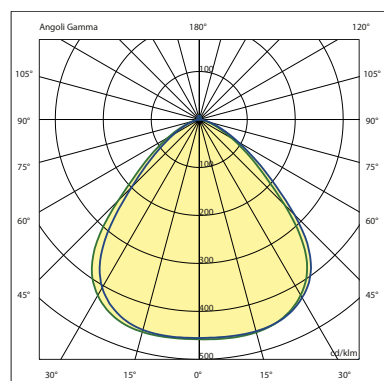
## Dimensions WG2



## WG2 - Wellglass Lighting fixtures for normal service

TYPE	POWER [W]	LUMEN [lm]	LUM. EFF [lm/W]	DIMENSION [mm]			WEIGHT [kg]
				A	B	C	
WG2-88- PNCX	88	15360	176	340	265	255	4,5
WG2-88- JB	88	15360	176	340	265	255	5,2
WG2-136- PNCX	136	22375	165	340	265	255	4,5
WG2-136- JB	136	22375	165	340	265	255	5,2

## Photometric light curves



## Emergency version

