

**Prismalence Sweden**

**Prismalence STELLA MINI - Prismalence STELLA - Prismalence SIGMA  
Floodlights for MARINE Applications**



Repair Management Nederland B.V.  
More management less firefighting

**Also the ultimate light fixture for harbour cranes**

**Prismalence LED Floodlights**

**Water and shock protected LED fixtures for general heavy duty applications.**

Especially developed to use in harsh environments.

Powder coated high purity aluminium body. Quick release between fixture and ballast for fast service and mounting.

Built in lens protection. Ballast built in a separate box IP66 on the fixture.

Lens of tempered boro-silicate safety glass and anti-static. LED packs and ballast easily replaceable.

Multiple rectangular light pictures via patented prismatic lens system.

Extra low glare/light pollution (as per EU Night Sky Directive). Complies with the new strict EMI regulations.

Heavy duty bracket included. Safety chain as option.

Does not interfere with Wifi or electronics. Suitable for corrosive atmospheres, marine and mining.

Available with plastic cover for use in the food industry.

**ATEX EX Zone 2 & 22**

Also available in HACCP type with UV-resistant polycarbonate lens.

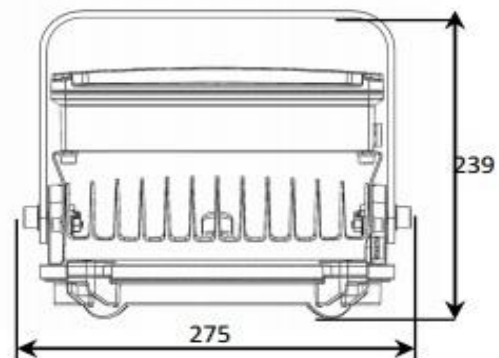
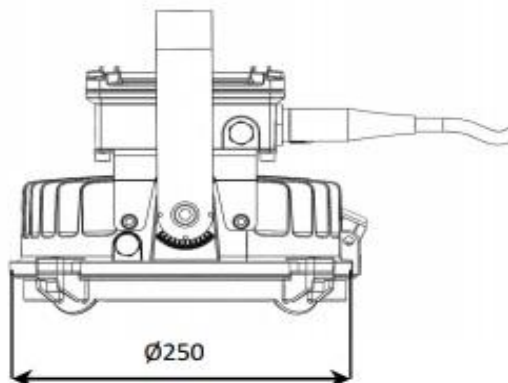
**Type STELLA MINI LED**

**Technical data:**

- Voltage: 220-240 Vac (110 Vac, 24 Vdc)
- Weight: 6,5 kilo (including ballast).
- Protection: IP66 class II
- Temperature range: From -40°C to +50°C
- Wind area: 55 m/s Hurricane class.
- Colour temperature: 5000K, (4000K optional).  
160 Watt 4000K
- Colour rendering: Ra 75+
- Lumen output: >100 lm/W.
- LED life exp.: 100.000+ hour L80, TM21
- LM80 (January 2017): L90 > 60.500 hour.
- Light-source: 4x Nordic Light Duo
- Energy consumption: 60W, 110W or 160W LED
- Mounting position: All.
- Starting time: <1 sec.
- Driver: External in aluminium driver box (IP66).
- Lens: Prismatic hardened lens.  
Safety glass.
- Light dissemination: Several rectangular light pictures  
15° to 140° available.



Number	Description	Lumen
02PSM060xxxx	Stella Mini LED 60W Available in several light angle pictures	6.600
02PSM110xxxx	Stella Mini LED 110W Available in several light angle pictures	11.000
02PSM160xxxx	Stella Mini LED 160W Available in several light angle pictures	16.000



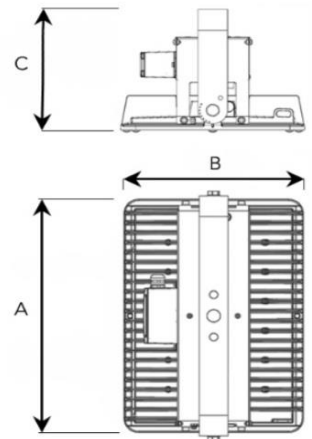
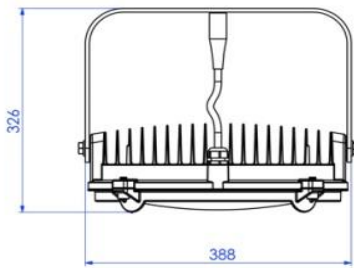
## Type STELLA-I 300W LED

### Technical data:

Voltage:	220-240 Vac
Weight:	13 kilo (including driver box).
Protection:	IP66 class I
Temperature range:	From -40°C to +60°C
Wind area:	55 m/s Hurricane class.
Colour temperature:	4000K, (5000K optional).
Colour rendering:	Ra 70+
Lumen output:	>100 lm/W.
LED life exp.:	100.000 hour + to 80% output
LM80 (January 2017):	L90 > 60.500 hour.
Light-source:	11x Nordic Light DUO LED
Energy consumption:	295W
Start time:	<1 second
Driver:	External in aluminium driver box (IP66).
Lens:	Prismatic hardened borosilicate lens. Safety glass.
Light dissemination:	Several rectangular light pictures 15° to 140° available.



Number	Description	Lumen
02PSLI300xxx	Stella-I LED 300W Available in several light angle pictures	30.000



A 397 B 280 C 202 (mm)

## Type SIGMA-I 200W LED & 300W

### Technical data:

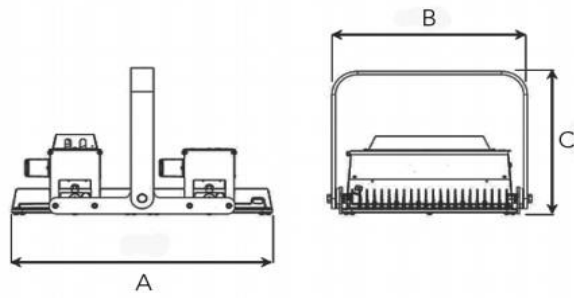
Voltage:	220-240 Vac
Weight:	8 kilo (including driver box).
Protection:	IP66 class I
Vibration resistance:	5G
Temperature range:	From -30°C to +55°C
Wind area:	50 m/s Hurricane class
Colour temperature:	4000K, (3000K + 5000K optional).
Colour rendering:	Ra >80
Lumen output:	>150 lm/W.
LED life exp.:	60.000 hour - 100.000 hour + to 80% output
LM79:	L80B10 - L70B10
Energy consumption:	200W
Start time:	<1 second
Driver:	External in aluminium driver box (IP66).
Lens:	UV-resistand hard glass cover
Case:	High performance casted aluminium
Light dissemination:	Several rectangular light pictures
Driver:	Optional dimmable (1-10V), Dali.
Dimensions:	397x280x202mm WxDxH
ATEX/EX:	<b>Zone 2 &amp; 22</b>

**Suitable for Maritime environments**

Number	Description	Lumen
02PS200xxx	Sigma-I LED 200W Available in spot-medium-wide-Asym	30.000
02PS300xxx	Sigma-I LED 300W Available in spot-medium-wide-Asym	45.000



<b>Number</b>	<b>Description</b>	<b>Lumen</b>
02PS600xxx	Sigma-I LED 600W (640W) Available in spot-medium-wide-Asym Double module.	90.000



A 577 B 443 C 360 (mm)