

Primalence Sweden
Primalence STELLA R - Primalence SIGMA
Floodlights for MARINE Applications



Repair Management Nederland B.V.
 More management less firefighting

Also the ultimate light fixture for harbour cranes

Primalence LED Floodlights STELLA R 120 - 150 W
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 IP67 on the fixture.
 Patented prismatic hardened lens. 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).
 Heavy duty bracket included. Safety chain as option.
 Does not interfere with Wifi, mobile data (3G, 4G, 5G) or electronics.
 Suitable for corrosive atmospheres, marine and mining.

Special version: ATEX Ex Zone 2, 22 and ATEX Ex Zone 1, 21.
 Ex codes: EXII 2 G EX d IIC T4 Gb, EXII 2 D EX d IIIC T4 Db (certificate available).
 Optional pole mount, wire mount. For multiple applications on heights up to max. 24 meter.

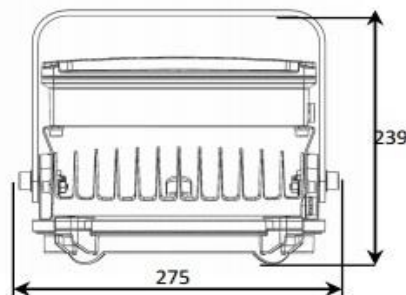
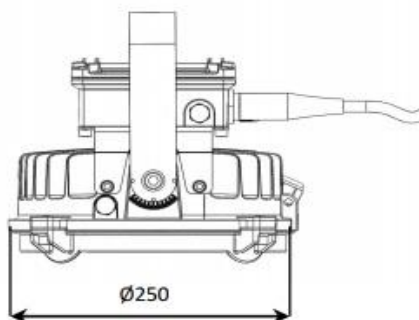
Type STELLA R

Technical data:

Voltage:	220-240 Vac 50/60Hz (110 Vac, 24 Vdc optional)
Weight:	8 kilo (including ballast).
Protection:	IP67 class I
Temperature range:	From -40°C to +60°C
Wind area:	55 m/s Hurricane class.
Colour temperature:	4000K, (3000K-5000K optional).
Colour rendering:	Ra >70
Lumen output:	>110 lm/W.
LED life exp.:	100.000+ hour L80, TM21
Light-source:	18x High Power LED
Energy consumption:	120W or 150W LED
Mounting position:	All.
Starting time:	0,5 sec. to maximum lumen light output
Driver:	External in aluminium driver box (IP67).
Lens:	Prismatic hardened lens.
Light dissemination:	Several rectangular light pictures 15° x 30°, 60° x 90°, 30° x 140°
Ballast:	10kV SP, OVP, SCP, OTP, SELV.
Tested:	Salt spray 1000h, vibration resistance 5G, wind speed design 55m/sec.



Number	Description	Lumen
02PSM110...	Stella R LED 120W Available in several light angle pictures	13.200
02PSM160...	Stella R LED 150W Available in several light angle pictures	16.500
02PSMX110...	Stella R LED 120W ATEX Ex 1-21, 2-22 Available in several light angle pictures	13.200
02PSMX160...	Stella R LED 150W ATEX Ex 1-21, 2-22 Available in several light angle pictures	16.500



Prismalence LED Floodlights STELLA R 300

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 IP67 on the fixture.

Patented prismatic hardened lens. 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).

Heavy duty bracket included. Safety chain as option.

Does not interfere with Wifi, mobile data (3G, 4G, 5G) or electronics.

Suitable for corrosive atmospheres, marine and mining.

Special version: ATEX Ex Zone 2, 22 and ATEX Ex Zone 1, 21.

Ex codes: EXII 2 G EX d IIC T4 Gb, EXII 2 D EX d IIIC T4 Db (certificate available).

For poles, mobile masts and cranes of any size on heights up to max. 40 meter.

For warehouses, hangars, ship-yards and factories up to 80 meter. General lighting in tough environment.

Technical data:

Voltage:	100-277 Vac, 50/60Hz
Weight:	16 kilo (including ballast).
Protection:	IP67 class I
Temperature range:	From -40°C to +60°C
Wind area:	55 m/s Hurricane class.
Colour temperature:	4000K, (3000K-5000K optional).
Colour rendering:	Ra >70
Lumen output:	>150 lm/W.
LED life exp.:	100.000+ hour L80, TM21
Light-source:	36x High Power LED
Energy consumption:	300W LED
Mounting position:	All.
Starting time:	0,5 sec. to maximum lumen light output
Driver:	External in aluminium driver box (IP67).
Lens:	Prismatic hardened lens.
Light dissemination:	Several rectangular light pictures 15° x 30°, 60° x 90°, 30° x 140°
Ballast:	10kV (20kV optional) dimming (DALI) available.
Tested:	Salt spray 1000h, vibration resistance 5G, wind speed design 55m/sec.



Number	Description	Lumen
02PSR300..	Stella R LED 300W Available in several light angle pictures	45.000
02PSRX300..	Stella R LED 300W ATEX Ex 1-21, 2-22	45.000

Type STELLA R 240 W

For poles, mobile masts QC/STS and RMG cranes of any size on heights up to max. 40 meter.

For warehouses, hangars, ship-yards and factories up to 80 meter. General lighting in tough environment.

Technical data:

Voltage:	100-277 Vac, 50/60Hz
Weight:	16 kilo (including ballast).
Protection:	IP67 class I
Temperature range:	From -40°C to +60°C
Wind area:	55 m/s Hurricane class.
Colour temperature:	4000K, (3000K-5000K optional).
Colour rendering:	Ra >70
Lumen output:	>140 lm/W.
LED life exp.:	100.000+ hour L80, TM21
Light-source:	144x High Power LED
Energy consumption:	240W LED
Mounting position:	All.
Starting time:	0,5 sec. to maximum lumen light output
Driver:	External in aluminium driver box (IP67).
Lens:	Prismatic hardened lens.
Light dissemination:	Several rectangular light pictures 15° x 30°, 60° x 90°, 30° x 140°
Ballast:	10kV (20kV optional) dimming (DMX, DALI) available.
Tested:	Salt spray 1000h, vibration resistance 5G, wind speed design 55m/sec.



Number	Description	Lumen
02PSR240...	Stella R LED 240W	45.000

Type STELLA R 500 W

For poles, mobile masts QC/STS and RMQ cranes of any size on heights up to max. 80 meter.
 For warehouses, hangars, ship-yards and factories up to 80 meter. General lighting in tough environment.

Technical data:

Voltage: 90-305 Vac, 50/60Hz
 Weight: 18 kilo (including ballast).
 Protection: IP67 class I
 Temperature range: From -40°C to +60°C
 Wind area: 55 m/s Hurricane class.
 Colour temperature: 4000K, (3000K-5000K optional).
 Colour rendering: Ra >70
 Lumen output: >170 lm/W.
 LED life exp.: 100.000+ hour L80, TM21
 Light-source: 144x High Power 5050 LED
 Energy consumption: 500W LED
 Mounting position: All.
 Starting time: 0,5 sec. to maximum lumen light output
 Driver: External in aluminium driver box (IP67).
 Lens: Prismatic hardened lens.
 Light dissemination: Several rectangular light pictures
 15° x 30°, 60° x 90°, 30° x 140°
 Ballast: 10kV (20kV optional) dimming (DMX, DALI) available.
 Tested: Salt spray 1000h, vibration resistance 5G, wind speed design 55m/sec.



Number	Description	Lumen
02PSR500...	Stella R LED 500W Available in several light angle pictures	85.000

Type STELLA R 600 W

For poles, mobile masts QC/STS and RMQ cranes of any size on heights up to max. 80 meter.
 For warehouses, hangars, ship-yards and factories up to 80 meter. General lighting in tough environment.

Technical data:

Voltage: 90-305 Vac, 50/60Hz
 Weight: 18 kilo (including ballast).
 Protection: IP67 class I
 Temperature range: From -40°C to +60°C
 Wind area: 55 m/s Hurricane class.
 Colour temperature: 4000K, (3000K-5000K optional).
 Colour rendering: Ra >70
 Lumen output: >170 lm/W.
 LED life exp.: 100.000+ hour L80, TM21
 Light-source: 144x High Power 5050 LED
 Energy consumption: 600W LED
 Mounting position: All.
 Starting time: 0,5 sec. to maximum lumen light output
 Driver: External in aluminium driver box (IP67).
 Lens: Prismatic hardened lens.
 Light dissemination: Several rectangular light pictures
 15° x 30°, 60° x 90°, 30° x 140°
 Ballast: 10kV (20kV optional) dimming (DMX, DALI) available.
 Tested: Salt spray 1000h, vibration resistance 5G, wind speed design 55m/sec.



Number	Description	Lumen
02PSR600...	Stella R LED 600W Available in several light angle pictures	100.000

