

# Stella R

## 150W



### Technical Specification

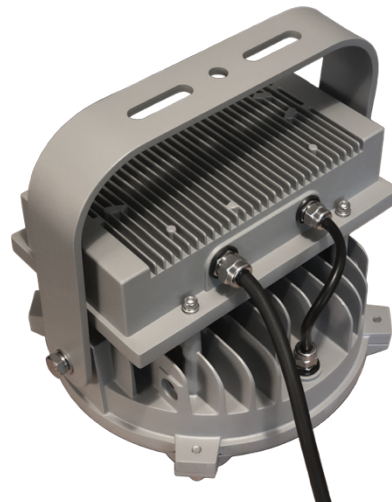
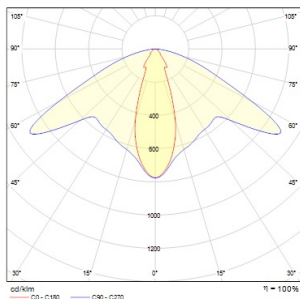
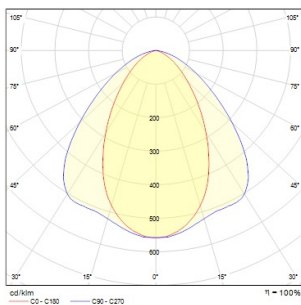
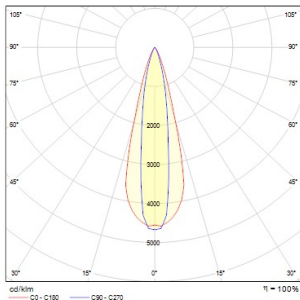
Water and shock protected LED fixture for long-term heavy-duty applications. Extreme long range.  
Powder coated high purity aluminum body. Built in lens protection. Multiple rectangular light pictures via patented prismatic hardened glass lens system. Extra low glare/light pollution (as per EU Night Sky Directive).  
Heavy Duty bracket included. Safety chain as option.  
LED pack and ballast easily replaceable.  
Complies with strict EMI regulations. Does not interfere with WiFi, mobile data (3G/4G/5G) or electronics.  
Suitable for vibrating machinery, corrosive atmospheres, marine and Zone 2:2 EX applications.

### Use areas

RTG and RMG cranes of any size, mobile masts, poles up to 24m, warehouses, workshops, hangars and ship-yards up to 30m, mining applications, heavy equipment, construction sites, general lighting in tough environments.

### Technical Data

|                       |                                                                   |
|-----------------------|-------------------------------------------------------------------|
| Mains (input) voltage | 100 - 277VAC, 50-60Hz                                             |
| Total weight          | 8 kg: fixture including ballast                                   |
| Dimensions            | 250mm x 250mm x 220mm                                             |
| Wind area             | 0.032m <sup>2</sup> per fixture inc. ballast                      |
| Form of protection    | IP 67, class I                                                    |
| Corrosion resistance  | Salt-spray 1000h                                                  |
| Vibration resistance  | 5G during extended periods                                        |
| Wind speed design     | 55 m/s                                                            |
| Temp. tolerance       | +60°C to -40°C                                                    |
| Color temperature     | 4000°K (3000°K/5000°K)                                            |
| Color rendering       | CRI 70+                                                           |
| Luminaire lumen       | 16 500 (+/-3% dep. on optics)                                     |
| LED life exp.         | 100 000h+ to 80% output.                                          |
| LM80                  | L80 100,000h                                                      |
| Light-source          | 18x Hi-power LED                                                  |
| Energy consumption    | 150-160 W                                                         |
| Start time            | 0.5 sec. to max lumen output                                      |
| Driver                | Dimming and DALI available                                        |
| Surge protection      | 10KV (20KV option)                                                |
| Safety glass          | Tempered prismatic glass lens                                     |
| Light dissemination   | Several rectangular light pictures depending on use (15° to 140°) |



# Stella RH

## 240W



### Technical Specification

Water and shock protected LED fixture for long-term hot heavy-duty applications indoors and outdoors. Hi-lumen and hi-uniformity.

Powder coated high purity aluminum body. Built in lens protection. Multiple rectangular light pictures via patented prismatic hardened glass lens system. Extra low glare/light pollution (as per EU Night Sky Directive).

Heavy Duty bracket included. Safety chain as option.

LED pack and ballast easily replaceable.

Complies with strict EMI regulations. Does not interfere with WiFi, mobile data (3G/4G/5G) or electronics.

Suitable for corrosive atmospheres, marine and Zone 2:2 EX applications.

### Use areas

Heavy industry. Steel-mills. Warehouses, workshops, hangars and ship-yards up to 30m, mining applications, heavy equipment, container cranes, construction sites, general lighting in tough environments.

### Technical Data

Mains (input) voltage

Total weight

Dimensions

Wind area

Form of protection

Corrosion resistance

Vibration resistance

Wind speed design

Temp. tolerance

Color temperature

Color rendering

Luminaire lumen

LED life exp.

LM80

Light-source

Energy consumption

Start time

Ballast

Surge protection

Safety glass

Light dissemination

90 - 305 VAC, 50-60Hz

16 kg: fixture including ballast

400mm x 400mm x 220mm

0.126m<sup>2</sup> per fixture inc. ballast

IP 67, class I

Salt-spray 1000h

5G during extended periods

55 m/s

+60°C to -40°C

4000°K

CRI 80+

33 600 (+/-3% dep. on optics)

100 000h+ to 80% output.

L80 100,000h

144x Hi-power 5050 LED

220-240W

0.5 sec. to max lumen output

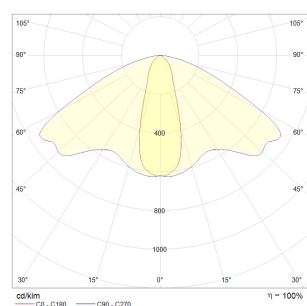
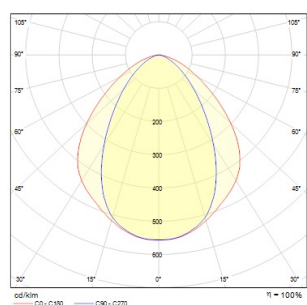
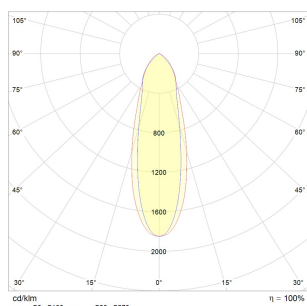
Dimming and DALI available

10KV (20KV option)

Tempered prismatic glass lens

Several rectangular light

pictures depending on use  
(25° to 140°)



# Stella R

## 300W



### Technical Specification

Water and shock protected LED fixture for long-term heavy-duty applications. Variable power output. Extreme long range. Powder coated high purity aluminum body. Built in lens protection. Multiple rectangular light pictures via patented prismatic hardened glass lens system. Extra low glare/light pollution (as per EU Night Sky Directive).

Heavy Duty bracket included. Safety chain as option.

LED pack and ballast easily replaceable.

Complies with strict EMI regulations. Does not interfere with WiFi, mobile data (3G/4G/5G) or electronics.

Suitable for corrosive atmospheres, marine and Zone 2:2 EX applications.

### Use areas

QC/STS and RMG cranes of any size, mobile masts, poles up to 40m, warehouses, workshops, hangars and ship-yards up to 80m, mining applications, heavy equipment, construction sites, general lighting in tough environments.

### Technical Data

Mains (input) voltage

100 - 277 VAC, 50-60Hz

Total weight

16 kg: fixture including ballast

Dimensions

400mm x 400mm x 220mm

Wind area

0.126m<sup>2</sup> per fixture inc. ballast

Form of protection

IP 67, class I

Corrosion resistance

Salt-spray 1000h

Vibration resistance

5G during extended periods

Wind speed design

55 m/s

Temp. tolerance

+60°C to -40°C

Color temperature

4000°K (3000°K/5000°K)

Color rendering

CRI 70+

Luminaire lumen

35 500 (+/-3% dep. on optics)

LED life exp.

100 000h+ to 80% output.

LM80

L80 100,000h

Light-source

36x Hi-power LED

Energy consumption

300-320 W

Start time

0.5 sec. to max lumen output

Ballast

Dimming and DALI available

Surge protection

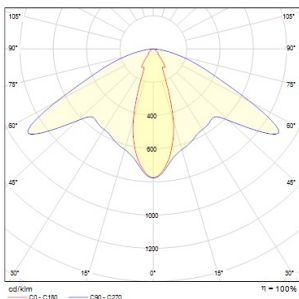
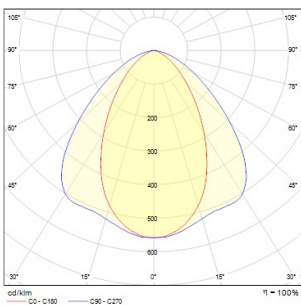
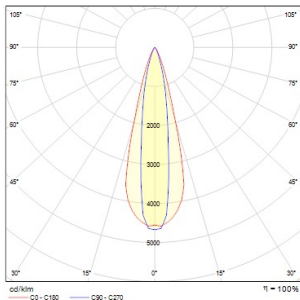
10KV (20KV option)

Safety glass

Tempered prismatic glass lens

Light dissemination

Several rectangular light pictures depending on use (15° to 140°)



# Stella RH

## 470W



### Technical Specification

Water and shock protected LED fixture for long-term heavy-duty applications. Variable power output. Hi-lumen and uniformity. Powder coated high purity aluminum body. Built in lens protection. Multiple rectangular light pictures via patented prismatic hardened glass lens system. Extra low glare/light pollution (as per EU Night Sky Directive).

Heavy Duty bracket included. Safety chain as option.

LED pack and ballast easily replaceable.

Complies with strict EMI regulations. Does not interfere with WiFi, mobile data (3G/4G/5G) or electronics.

Suitable for corrosive atmospheres, marine and Zone 2:2 EX applications.

### Use areas

QC/STS and RMG cranes of any size, mobile masts, poles up to 50m, warehouses, workshops, hangars and ship-yards up to 80m, mining applications, heavy equipment, construction sites, general lighting in tough environments.

### Technical Data

Mains (input) voltage

90 - 305 VAC, 50-60Hz

Total weight

17 kg: fixture including ballast

Dimensions

400mm x 400mm x 220mm

Wind area

0.126m<sup>2</sup> per fixture inc. ballast

Form of protection

IP 67, class I

Corrosion resistance

Salt-spray 1000h

Vibration resistance

5G during extended periods

Wind speed design

55 m/s

Temp. tolerance

+60°C to -40°C

Color temperature

4000°K

Color rendering

CRI 80+

Luminaire lumen

63 500 (+/-3% dep. on optics)

LED life exp.

100 000h+ to 80% output.

LM80

L80 100,000h

Light-source

144x Hi-power 5050 LED

Energy consumption

470-480 W

Start time

0.5 sec. to max lumen output

Ballast

Dimming and DALI available

Surge protection

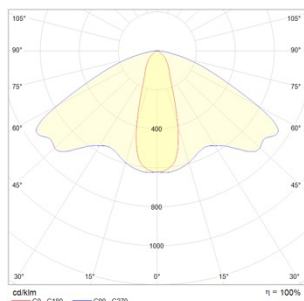
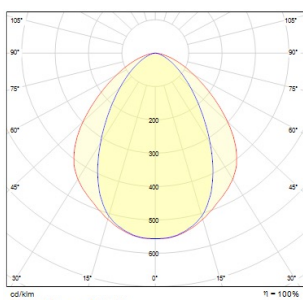
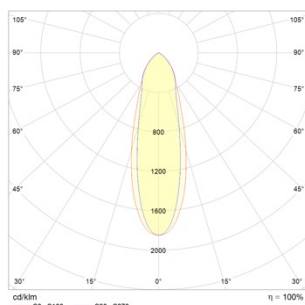
10KV (20KV option)

Safety glass

Tempered prismatic glass lens

Light dissemination

Several rectangular light pictures depending on use (25° to 140°)



# Zenith Led

## 175W



### Technical Specification:

Swedish IP65 protected LED fixture for any hi-bay application 3m-21m. Suitable for replacing conventional 600W Sodium or Mercury lights 1 for 1. Stainless steel bracket, silicon sealings and high purity aluminium reflector and cooler. Hexagonal light-spreads via patented prismatic hardened glass lenses. Low glare, high uniformity and long range.

Suitable for hot areas (60°C), will shut off if close to overheating and restrike when temperature goes down. Specially designed to withstand heat-shocks of 300°C without harm. Suitable for corrosive atmospheres such as seaside, chemical industry or agriculture. Cold tested to -40°C, perfect for freezer rooms. EMI tested. Does not interfere with Wi-Fi, phone or radio. DALI2 and D4i light-control included as standard. Bluetooth and sensors available as options

Very high colour-rendering as standard (CRI80+) for better readability of small print and more visible safety colours.

Available in "Solijus" (Sunlight) quality at CRI90+, perfect for TV or CCTV, green plants and flowers, car showrooms or lounges. Available with purple light micromole optimised greenhouse led. Available with plastic cover for use with food industry.

### Use Areas:

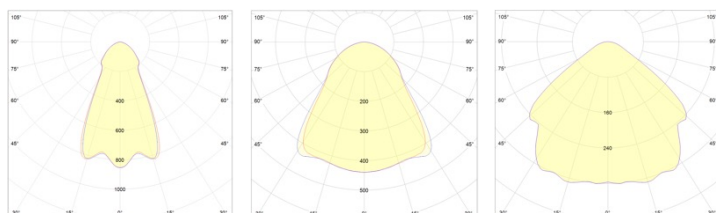
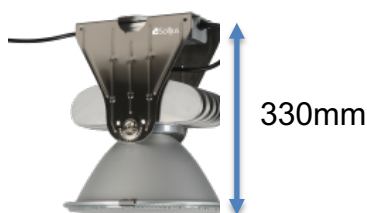
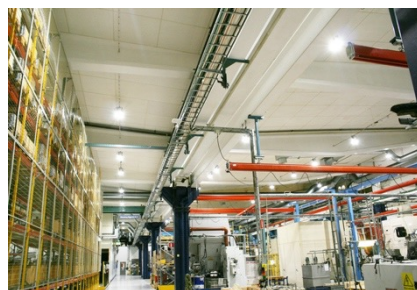
Warehouses 4m-21m, hangars, workshops, hot industry (steel mills), sport-halls, showrooms, SPA, greenhouses, horse show halls, exhibition halls.

### Technical Data:

|                       |                                                                 |
|-----------------------|-----------------------------------------------------------------|
| Mains (input) voltage | 220 - 240 VAC, 50-60Hz                                          |
| Total weight          | 5.5 kg: fixture including ballast                               |
| Dimensions            | Diameter 300mm, height 330mm                                    |
| Form of protection    | IP 65                                                           |
| Control               | DALI (can be used without)                                      |
| Temp. tolerance       | +60°C to -40°C                                                  |
| Colour temperature    | 4000°K                                                          |
| Colour rendering      | CRI 80+ (90+ option)                                            |
| Luminaire lumen       | 23200                                                           |
| LED life exp.         | 100 000h+ to 90% output.                                        |
| LED type              | 66x Lumiled Hi-Power 5050                                       |
| Energy consumption    | 175 W                                                           |
| Start time            | 1 sec. to maximum lumen output                                  |
| Ballast               | Electronic DALI ballast IP67.                                   |
| Safety glass          | Included (hardened prismatic lens)                              |
| Light dissemination   | Several hexagonal light pictures depending on use (60° to 105°) |

### Product number:

ZL17560-480, ZL17590-480, ZL175105-480 (CRI 80)  
ZL17560-490, ZL17590-490, ZL175105-490 (CRI 90)



# Ovik

## 10-200W



### Technical Specification

Super light-weight LED fixture for applications in wet, hot, cold and corrosive atmospheres. Indoor and Outdoor applications. High purity aluminum body. Graphene based cooling paste. Protected against water, sand and UV with hardened glass. Power supply integrated into the motherboard (Power on Board) gives an elegant and light weight fixture. Low glare through individual LED lenses. Highly vibration resistant. Many mounting options such as wire hanger and pole mount (48-60mm).

### Use areas

Crane Walkway lighting, Mobile work-light. Area mast lighting (3-20m), low-bay and hi-bay industry /warehouse/sport halls 3-12m, façade, work light, vehicle mounted work light (crane). Parking, golf, ski-resort etc.

### Technical Data

|                       |                                                                                                              |
|-----------------------|--------------------------------------------------------------------------------------------------------------|
| Luminaire efficacy    | 130lm/W typ.                                                                                                 |
| Mains (input) voltage | 207-253 VAC, 50-60Hz (110V op.)                                                                              |
| Total weight          | 0.5kg, 1kg, 1.5kg, 2.0kg, 2.5kg                                                                              |
| Form of protection    | IP 66, 5G vibration                                                                                          |
| Wind area             | Min 0.02 m <sup>2</sup> , Max 0.12 m <sup>2</sup>                                                            |
| Temp. tolerance       | +40°C to -40°C                                                                                               |
| Color temperature     | 4000°K (3000°K/5000°K)                                                                                       |
| Color rendering       | CRI 80+                                                                                                      |
| Lumen output          | 1300-26000 (dep. on optics & W)                                                                              |
| Energy consumption    | 10/30W, 50W, 100W, 150W, 200W                                                                                |
| LED life exp.         | 100000h+ to L70B10 (60K L80B10)                                                                              |
| Light-sources         | Nichia LED (Japan – flicker free)                                                                            |
| Driver                | Power On Board (P.O.B)                                                                                       |
| Options               | 1-10V dim, PIR sensor, Daylight S.                                                                           |
| Optics                | Individual lenses with 90° spread.<br>Many specialized optics such as for walkways are available on request. |

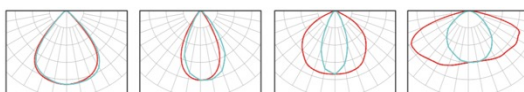
### Product number

POV1-10/30, POV2-50, POV3-100, POV4-150, POV5-200

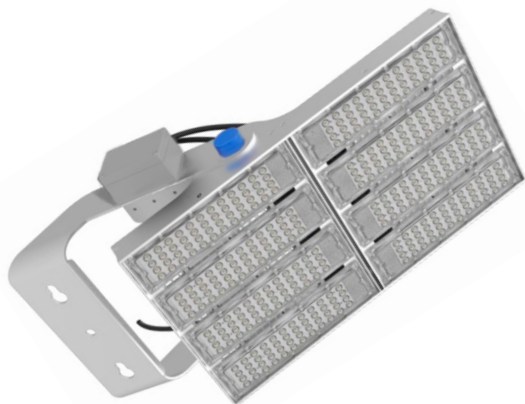
-FF (60°), -II (90°), -DJ (40°\*100°), -JP (100°\*160°),  
-GN (70°\*140°road).

-3 (3000K), -4 (4000K), -5 (5000K)

| Item              | Size 1        | Size 2        | Size 3        | Size 4        | Size 5        |
|-------------------|---------------|---------------|---------------|---------------|---------------|
| Dimension Drawing |               |               |               |               |               |
| Dimension(mm)     | L145xW115xH21 | L200xW160xH30 | L250xW200xH30 | L312xW250xH35 | L390xW312xH37 |



# Lyse 400W



## Technical Specification

Hi-power, light weight, heavy duty LED fixture for applications in wet, hot, cold and corrosive atmospheres. High purity aluminum body. Dimming optional (DALI). Suitable for seaport environment. Protected against salt water, sand, vibrations, corrosion and UV. Light weight and durable through smart design. Graphene cooling paste for superior heat transfer. Aiming sights for easy installation.

## Use areas

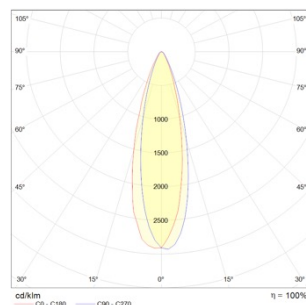
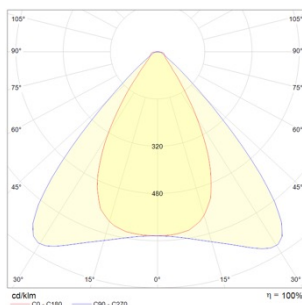
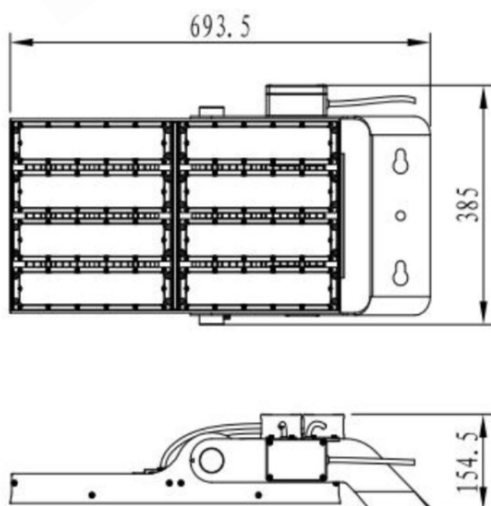
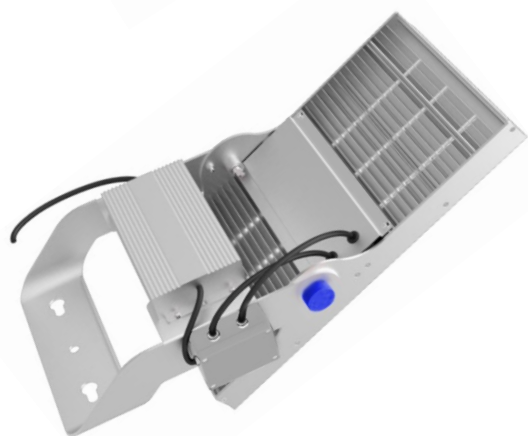
Container Crane lighting (QC, STS). Marine applications, Hi-mast applications in any environment including ports. Stadium lighting. Airport lighting. Also suitable for large halls and workshops.

## Technical Data

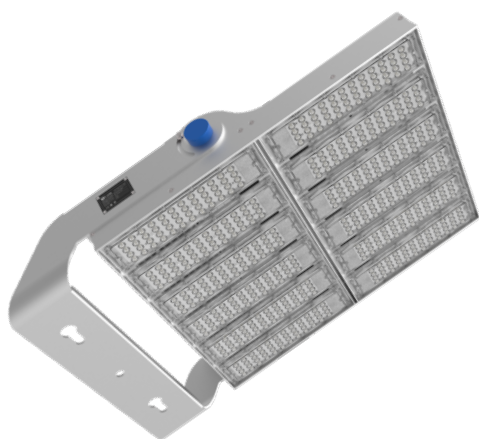
|                       |                                      |
|-----------------------|--------------------------------------|
| Luminaire efficacy    | 130lm/W typical.                     |
| Mains (input) voltage | 100 - 277 VAC, 50-60Hz               |
| Total weight          | 10.5 kg: fixture + integrated driver |
| Form of protection    | IP 66                                |
| Vibration tolerance   | 5G                                   |
| Impact tolerance      | IK10                                 |
| Corrosion tolerance   | C5 I/M 1000h salt spray              |
| Wind area             | 0.198 m <sup>2</sup>                 |
| Temp. tolerance       | +55°C to -40°C                       |
| Color temperature     | 5 000°K (3-4000°K option)            |
| Color rendering       | CRI 75                               |
| Lumen output          | 52 000lm (typ. depending on optics)  |
| Energy consumption    | 400 W                                |
| LED life exp.         | 100000h+ to L70B10 (60K L80B10)      |
| Light-sources         | Nichia LED                           |
| Start time            | 1 sec. to maximum lumen output       |
| Driver                | Inventronics w. Dali option.         |
| Warranty              | 5 years                              |

## Product number

PLY8-400-xx-x  
 -BB (20°), -CC (30°), -FI (60°x90°)  
 -3 (3000K), -4 (4000K), -5 (5000K)



# Lyse 600W



## Technical Specification

Heavy Duty, light weight Hi-mast LED fixture for applications in wet, hot, cold and corrosive atmospheres. High purity aluminum body. Graphene cooling paste for superior heat transfer. Dimming optional (DALI). Suitable for seaport environment. Protected against water, sand and UV. Aiming sight for easier installation.

## Use areas

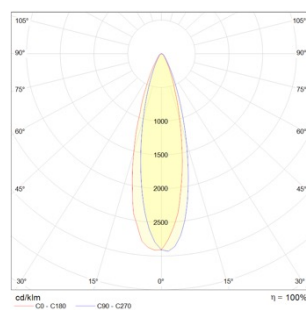
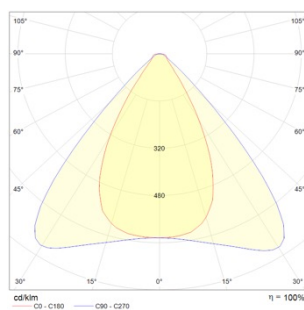
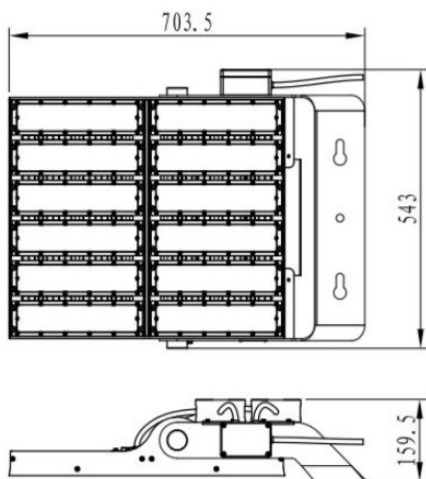
Hi-mast applications in any environment. Suitable for Marine applications. QC, STS cranes.

## Technical Data

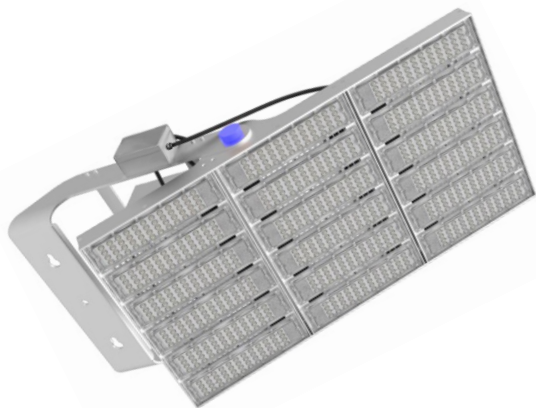
|                       |                                    |
|-----------------------|------------------------------------|
| Luminaire efficacy    | 130lm/W typ.                       |
| Mains (input) voltage | 100 - 277 VAC, 50-60Hz             |
| Total weight          | 14 kg: fixture + integrated driver |
| Form of protection    | IP 66                              |
| Vibration resistance  | 5G                                 |
| Impact tolerance      | IK10                               |
| Corrosion tolerance   | C5 I/M 1000h salt spray            |
| Wind area             | 0.254 m <sup>2</sup>               |
| Temp. tolerance       | +55°C to -40°C                     |
| Color temperature     | 4 000°K (3000 or 5000°K option)    |
| Color rendering       | CRI 85 (75 option)                 |
| Lumen output          | 78 000m (typ. depending on optics) |
| Energy consumption    | 600 W                              |
| LED life exp.         | 100000h+ to L70B10 (60K L80B10)    |
| Light-sources         | Nichia LED                         |
| Start time            | 1 sec. to maximum lumen output     |
| Driver                | Inventronics w. DALI option.       |
| Warranty              | 5 years                            |

## Product number

PLY12-600-xx-x  
 -BB (20°), -CC (30°), -IF (90°x60°)  
 -3 (3000K), -4 (4000K), -5 (5000K)



# Lyse 900W



## **Technical Specification**

Heavy Duty, light weight, Hi-mast LED fixture for applications in wet, hot, cold and corrosive atmospheres. High purity aluminum body. Dimming optional (DALI). LED modules and driver easily replaceable. Suitable for seaport environment. Protected against water, sand and UV. Graphene cooling paste for superior heat transfer. Aiming sight for easy installation.

## **Use areas**

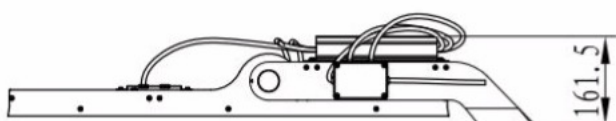
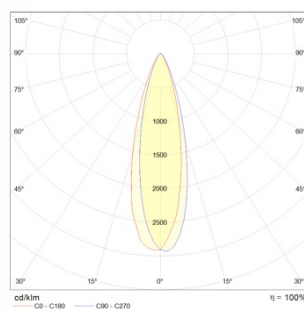
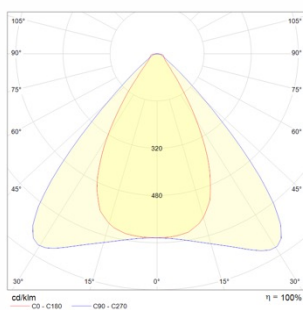
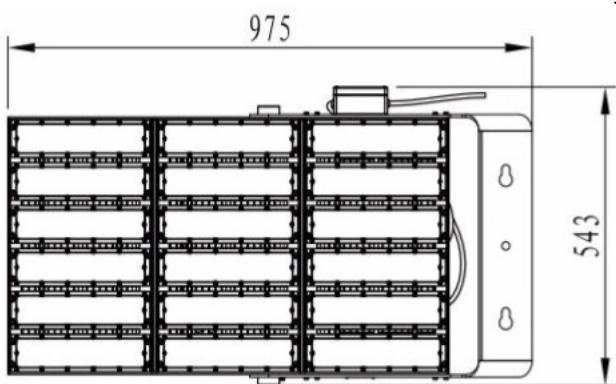
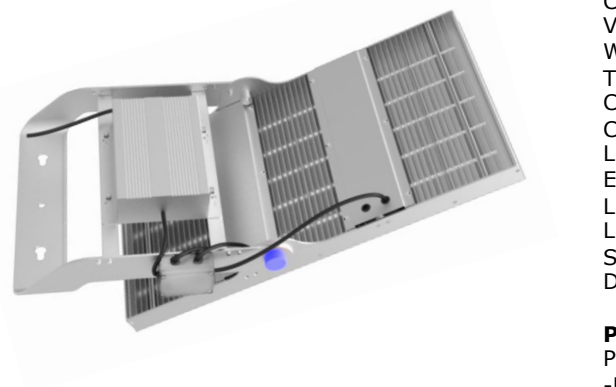
Hi-mast applications in any environment. Suitable for Sport arena lighting as well as large Yard lighting.

## **Technical Data**

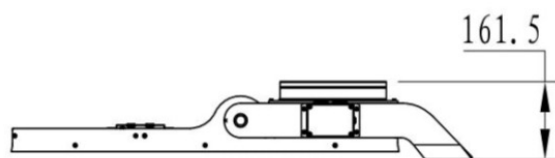
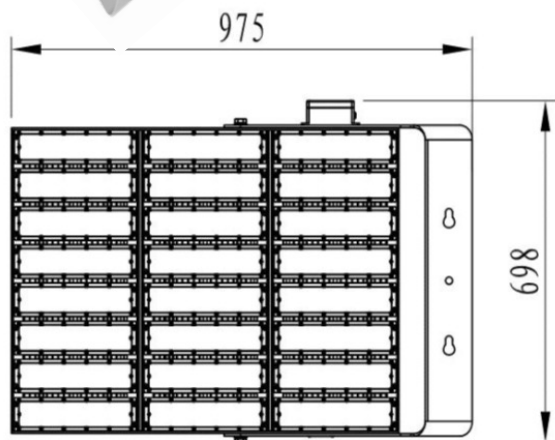
|                       |                                      |
|-----------------------|--------------------------------------|
| Luminaire efficacy    | 130lm/W typ.                         |
| Mains (input) voltage | 100 - 277 VAC, 50-60Hz               |
| Total weight          | 22 kg: fixture + integrated driver   |
| Form of protection    | IP 66                                |
| Impact tolerance      | IK10                                 |
| Corrosion tolerance   | C5 I/M 1000h salt spray              |
| Vibration tolerance   | 5G                                   |
| Wind area             | 0.376 m <sup>2</sup>                 |
| Temp. tolerance       | +55°C to -40°C                       |
| Color temperature     | 4 000°K (3 & 5000°K option)          |
| Color rendering       | CRI 85 (75 option)                   |
| Lumen output          | 117 000lm (typ. depending on optics) |
| Energy consumption    | 900 W                                |
| LED life exp.         | 100000h+ to L70B10 (60K L80B10)      |
| Light-sources         | Nichia LED                           |
| Start time            | 1 sec. to maximum lumen output       |
| Driver                | Inventronics w. Dali option.         |

## **Product number**

PLY18-900-xx-x  
 -BB (20°), -CC (30°), -FI (60°x90°)  
 -3 (3000K), -4 (4000K), -5 (5000K)



# Lyse 1200W



## **Technical Specification**

Heavy Duty, light weight, Hi-mast LED fixture for applications in wet, hot, cold and corrosive atmospheres. High purity aluminum body. Dimming optional (DALI). LED modules and driver easily replaceable. Suitable for seaport environment. Protected against water, sand and UV. Graphene cooling paste for superior heat transfer. Aiming sight for easy installation.

## **Use areas**

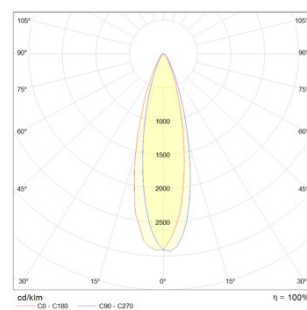
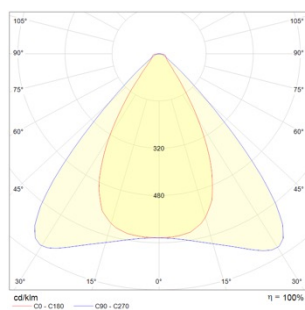
Hi-mast applications in any environment. Suitable for ports.

## **Technical Data**

|                       |                                      |
|-----------------------|--------------------------------------|
| Luminaire efficacy    | 130lm/W typ.                         |
| Mains (input) voltage | 100 - 277 VAC, 50-60Hz               |
| Total weight          | 34 kg: fixture + integrated driver   |
| Form of protection    | IP 66                                |
| Impact tolerance      | IK10                                 |
| Corrosion tolerance   | C5 I/M 1000h salt spray              |
| Wind area             | 0.680 m <sup>2</sup>                 |
| Temp. tolerance       | +55°C to -40°C                       |
| Color temperature     | 5 000°K (3-4000°K option)            |
| Color rendering       | CRI 75                               |
| Lumen output          | 156.000lm (typical depend on optics) |
| Energy consumption    | 1200 W                               |
| LED life exp.         | 100.000h+ to L70B10 (60K L80B10)     |
| Light-sources         | Nichia LED                           |
| Start time            | 1 sec. to maximum lumen output       |
| Driver                | Inventronics w. Dali option.         |

## **Product number**

PLY24-1200-xx-x  
 -BB (20°), -CC (30°), -FI (60°x90°)  
 -3 (3000K), -4 (4000K), -5 (5000K)



# Edge 60W EX



## Technical specification

EX/ATEX LED-road luminaire for Zone 2/22 and Division II. Class 3. Large surface area gives low outside temperature (T6 class) and large internal ballast compartment has big safety margin for sparks (creep distance) in case of catastrophic faults.

Anodized and Powder coated corrosion resistant aluminum body.

Adjustable bracket for mounting on 60 mm tubes. Rectangular long-range beam via prismatic lens system. Impact resistant fixture and optics will survive common vandalism.

## Applications

Usable for illumination of low to medium speed roads and general areas with occasional low concentrations of flammable gases or dust. Zone 2/22 or Division II.

2 lane roads. Perimeter fences. Walkways. Parking areas. With the optional internal back up power, the Edge can operate at 15W emergency output for 90 minutes (giving 2100 lumen). Usable in any application where safety is an important factor.

Suitable for 4-12m poles, 24m-35m C-C. Other wattages available.



## Technical Data

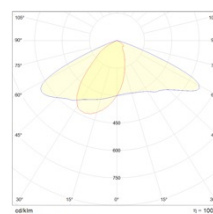
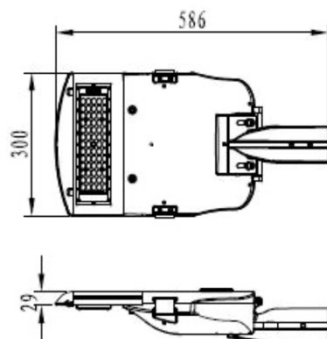
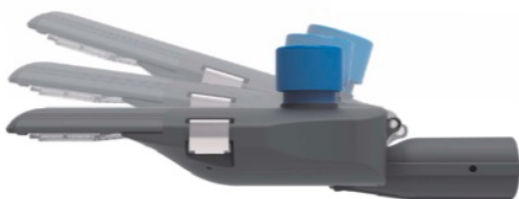
|                       |                                                                 |
|-----------------------|-----------------------------------------------------------------|
| Mains (input) voltage | 220 - 240 VAC                                                   |
| Total weight          | 5.5 kg                                                          |
| Form of protection    | IP 66, IK08                                                     |
| ATEX/EX class         | EXII 3 EEx nR IIC T6 Gc IP66<br>EXII 3 EEx Tc IIC T85°C Dc IP66 |

|                        |                                                                                                                      |
|------------------------|----------------------------------------------------------------------------------------------------------------------|
| Temp. tolerance        | +45°C to -40°C                                                                                                       |
| Color temperature      | 4 000°K (3000°K, 5000°K)                                                                                             |
| Color rendering        | CRI 85 (75)                                                                                                          |
| Luminaire lumen        | 8100, 135lm/W                                                                                                        |
| Light source           | Nichia LED                                                                                                           |
| Light-source life exp. | TM-21 L70: 100 000 h                                                                                                 |
| Energy consumption     | 60W                                                                                                                  |
| Start time             | Instant                                                                                                              |
| Ballast                | Internal electronic ballast                                                                                          |
| Safety glass           | Included (PVC prismatic lens)                                                                                        |
| Light dissemination    | Rectangular 70°x150° (type III)                                                                                      |
| Options                | Light sensor, other light patterns, DALI, other wattage. Solar power. Emergency power (90min). 10KV Surge Protection |

## Product number

PED060715-4

(60W)



Emergency Power Supply



# Edge 100W EP



## Technical specification

Heavy Duty LED-road luminaire with emergency power. Powder coated corrosion resistant aluminum body. Tool less replacement of ballast for easy service and fitting. Adjustable bracket for mounting on 48 - 60 mm tubes. Rectangular long-range beam via prismatic lens system for low poles and or long distances. Impact resistant fixture and optics will survive common vandalism.

## Applications

Perimeter fences, pedestrian or bicycle roads. Rural roads. With the internal back up power, the Edge Emergency Power can operate at 15W emergency output for 90 minutes (giving 2100 lumen). Usable in any application where safety is an important factor. Suitable for 6-12m poles, 24m-65m C-C. Other wattages available.

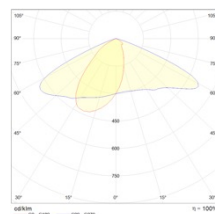
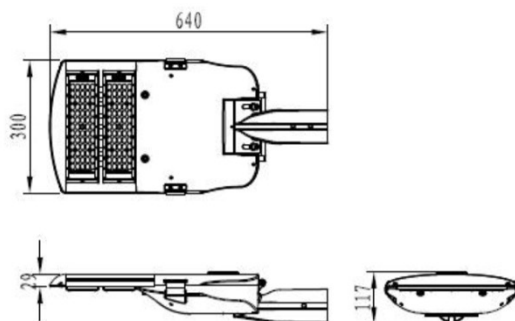
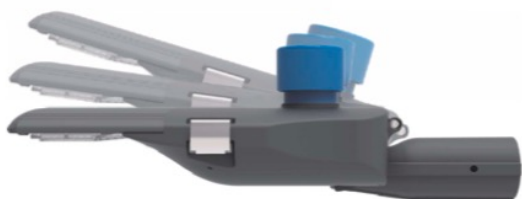


## Technical Data

|                        |                                                                                       |
|------------------------|---------------------------------------------------------------------------------------|
| Mains (input) voltage  | 220 - 240 VAC                                                                         |
| Total weight           | 6 kg                                                                                  |
| Form of protection     | IP 66, IK10                                                                           |
| Temp. tolerance        | +60°C to -40°C                                                                        |
| Color temperature      | 4 000°K (3000°K, 5000°K)                                                              |
| Color rendering        | CRI 85                                                                                |
| Luminaire lumen        | 14000, 140lm/W                                                                        |
| Light source           | Nichia LED                                                                            |
| Light-source life exp. | TM-21 L70 100 000 h                                                                   |
| Energy consumption     | 100W                                                                                  |
| Start time             | Instant                                                                               |
| Ballast                | Internal electronic ballast                                                           |
| Safety glass           | Included (PVC prismatic lens)                                                         |
| Light dissemination    | Rectangular 70°x150°                                                                  |
| Options                | Light sensor, 3000°K, 5000°K, other light patterns, DALI, other wattage. Solar power. |

## Product number

EEP100715-4 (100W)



# Edge 150W



## Technical specification

Heavy-Duty, high-powered LED-road luminaire. Anodized and Powder coated corrosion resistant aluminum body. Tool-less replacement of ballast for easy service and fitting. Adjustable bracket for mounting on 48 - 60 mm tubes. Rectangular long-range beam via prismatic lens system. Impact resistant fixture and optics will survive common vandalism.

## Applications

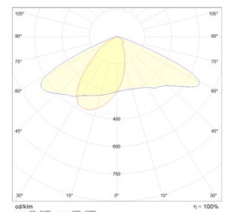
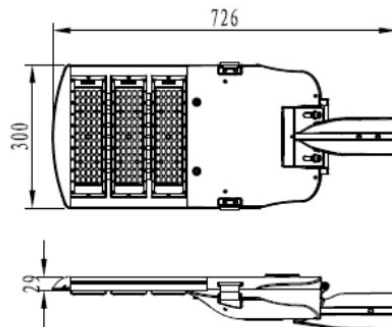
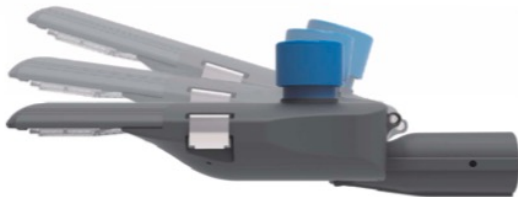
Seaside motorways. Perimeter fences. Roads. Large parking areas. With the optional internal back up power, the Edge can operate at 15W emergency output for 90 minutes (giving 2100 lumen). Usable in any application where safety is an important factor. Suitable for 8-24m poles, 24m-65m C-C. Other wattages available.

## Technical Data

|                        |                                                                                                                      |
|------------------------|----------------------------------------------------------------------------------------------------------------------|
| Mains (input) voltage  | 220 - 240 VAC                                                                                                        |
| Total weight           | 7.5 kg                                                                                                               |
| Form of protection     | IP 66, IK08                                                                                                          |
| Temp. tolerance        | +60°C to -40°C                                                                                                       |
| Color temperature      | 4 000°K (3000°K, 5000°K)                                                                                             |
| Color rendering        | CRI 85 (75)                                                                                                          |
| Luminaire lumen        | 21000, 140lm/W                                                                                                       |
| Light source           | Nichia LED                                                                                                           |
| Light-source life exp. | TM-21 L70: 100 000 h                                                                                                 |
| Energy consumption     | 150W                                                                                                                 |
| Start time             | Instant                                                                                                              |
| Ballast                | Internal electronic ballast                                                                                          |
| Safety glass           | Included (PVC prismatic lens)                                                                                        |
| Light dissemination    | Rectangular 70°x150° (type III)                                                                                      |
| Options                | Light sensor, other light patterns, DALI, other wattage. Solar power. Emergency power (90min). 10KV Surge Protection |

## Product number

EEP150715-4 (150W)



# Curling 150W



## Technical specification

Lightweight hi-efficiency LED fixture for use in any environment. IP69K rated for food, animal and chemical industry. Hybrid body of polycarbonate and aluminum for low weight, high corrosion resistance and good heat transfer.

## Applications

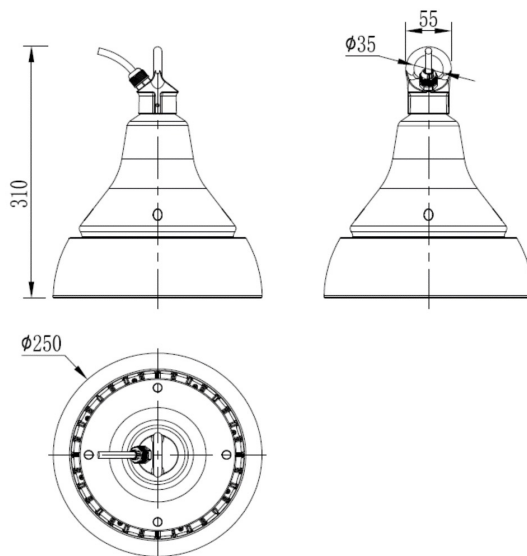
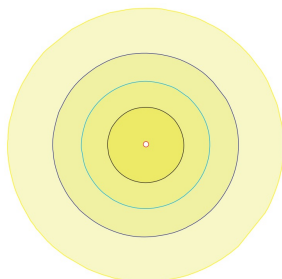
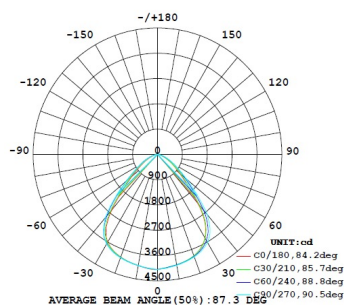
Replace any 400-600W HPS, MH or Mg fixture in any environment. Halls, Industry, Animal stables. Sport halls.

## Technical Data

|                        |                               |
|------------------------|-------------------------------|
| Mains (input) voltage  | 100 - 277 VAC, 47-63Hz        |
| Total weight           | 2.5 kg                        |
| Form of protection     | IP 69K, IK08                  |
| Temp. tolerance        | +50°C to -40°C                |
| Color temperature      | 4 000°K (3000°K, 5000°K)      |
| Color rendering        | CRI 85                        |
| Luminaire lumen        | 24000, 160lm/W                |
| Light source           | Nichia LED                    |
| Light-source life exp. | TM-21 L70: 100 000 h          |
| Energy consumption     | 150W                          |
| Start time             | 0.5 sec.                      |
| Ballast                | Internal electronic ballast   |
| Safety glass           | Included (PVC prismatic lens) |
| Light dissemination    | 90° circular (60° option)     |
| Options                | DALI                          |

## Product number

HB9-150-E40 (150W)



# Curling 150W

## E40 Retrofit



### Technical specification

Lightweight hi-efficiency retrofit E40 LED fixture for use in any environment. IP69K rated for food, animal and chemical industry. Hybrid body of polycarbonate and aluminum for low weight, high corrosion resistance and good heat transfer.

### Applications

Replace E40 bulbs of 400-600W HPS, MH or Mg in any environment. Halls, Industry, Animal stables. Sport halls.

### Technical Data

|                        |                               |
|------------------------|-------------------------------|
| Mains (input) voltage  | 100 - 277 VAC, 47-63Hz        |
| Total weight           | 2.5 kg                        |
| Form of protection     | IP 69K, IK08                  |
| Temp. tolerance        | +50°C to -40°C                |
| Color temperature      | 4 000°K (3000°K, 5000°K)      |
| Color rendering        | CRI 85                        |
| Luminaire lumen        | 24000, 160lm/W                |
| Light source           | Nichia LED                    |
| Light-source life exp. | TM-21 L70: 100 000 h          |
| Energy consumption     | 150W                          |
| Start time             | 0.5 sec.                      |
| Ballast                | Internal electronic ballast   |
| Safety glass           | Included (PVC prismatic lens) |
| Light dissemination    | 90° circular (60° option)     |
| Options                | DALI                          |
| <b>Product number</b>  |                               |
| HB9-150-E40            | (150W)                        |

