



An engineering marvel designed to deliver

Green Perform Prime

In an age where sustainability, high performance/productivity standards and building unique identities are the top priorities for businesses, GreenPerform Prime provides an unmatched highbay solution for a wide range of applications like warehousing, manufacturing, other industrial applications, atriums, airport concourse, sports halls, etc. GreenPerform Prime not only guarantees assured performance but also fits stylishly into diverse design plans. Apart from the unique look and feel, it offers best in class system efficacy, superior light quality, multiple beam angles, and glare control to provide the users with nothing less than the best in the industry.

Benefits

- Suitable for use in harsh Industrial environment
- Option of multiple optics and lumen packages providing application flexibility.
- Best in class efficacy and Quality lighting leads to lowering total cost of opportunity.
- High quality material and design leads to longer life class for luminaire

Features

- Ingress Protection -IP65
- Impact Resistance IK08
- Inbuilt encapsulated Potted Driver
- Designed for operations under diverse environment from -10°C to 50°C
- Life class is 50000 hours (L70B50 @ Ta45°C)
- Unique round shape design for excellent thermal stability
- Pressure die-cast housing offers excellent corrosion-resistance and robustness.
- System efficiency 150 lm/W
- Three Beam Angles Extra Narrow beam (ENB30°) Narrow beam (NB60°), and Wide Beam (WB90°)
- High Voltage Cutoff @ 325 ± 15V with Auto Restart feature
- Internal Surge Protection 4KV

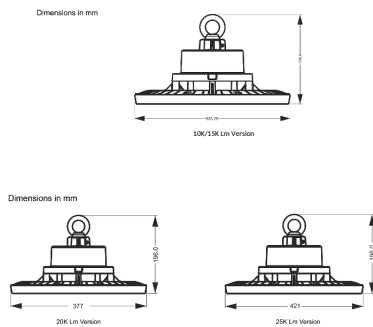
Application

- Manufacturing
- Arena and Sports
- Warehouses
- Airports
- Small Manufacturing facilities

Warnings and Safety

- Meant for use in Indoor Industrial environment only

Dimensional drawing



Green Perform Prime

| General Information | |
|---------------------------------|---|
| Driver included | Yes |
| Flammability mark | For mounting on normally flammable surfaces |
| Light Technical | |
| Optical cover type | Micro-lens optic in polycarbonate cover |
| Color rendering index (CRI) | >70 |
| Luminous Efficacy (rated) (Nom) | 150 lm/W |
| Operating and Electrical | |
| Input Voltage | 140~270 V |
| Temperature | |
| Ambient temperature range | -10 to +50 °C |
| Controls and Dimming | |
| Dimmable | No |
| Mechanical and Housing | |
| Housing Color | Gray |
| Approval and Application | |
| Protection class IEC | Safety class I |
| Mech. impact protection code | IK08 |
| Ingress protection code | IP65 |

Light Technical

| | | Correlated Color | | | |
|--------------|-------------------------------|----------------------------|-------------|---------------|----------------|
| Order Code | Full Product Name | Beam angle of light source | Temperature | Luminous Flux | Optic type |
| | | | (Nom) | | |
| 919515814412 | BY515P LED100S 5700 NB PSU GR | 60 degree(s) | 5700 K | 10,000 lm | Beam angle 60° |
| 919515814413 | BY515P LED100S 5700 WB PSU GR | 90 degree(s) | 5700 K | 10,000 lm | Beam angle 90° |
| 919515814414 | BY515P LED100S 4000 NB PSU GR | 60 degree(s) | 4000 K | 10,000 lm | Beam angle 60° |
| 919515814415 | BY515P LED100S 4000 WB PSU GR | 90 degree(s) | 4000 K | 10,000 lm | Beam angle 90° |
| 919515814416 | BY515P LED95S 3000 NB PSU GR | 60 degree(s) | 3000 K | 10,000 lm | Beam angle 60° |
| 919515814417 | BY515P LED95S 3000 WB PSU GR | 90 degree(s) | 3000 K | 10,000 lm | Beam angle 90° |
| 919515814418 | BY515P LED150S 5700 NB PSU GR | 60 degree(s) | 5700 K | 15,000 lm | Beam angle 60° |
| 919515814419 | BY515P LED150S 5700 WB PSU GR | 90 degree(s) | 5700 K | 15,000 lm | Beam angle 90° |
| 919515814420 | BY515P LED150S 4000 NB PSU GR | 60 degree(s) | 4000 K | 15,000 lm | Beam angle 60° |
| 919515814421 | BY515P LED150S 4000 WB PSU GR | 90 degree(s) | 4000 K | 15,000 lm | Beam angle 90° |
| 919515814423 | BY515P LED145S 3000 WB PSU GR | 90 degree(s) | 3000 K | 15,000 lm | Beam angle 90° |
| 919515814445 | BY515P LED200S 57 NB PSU GR | 60 degree(s) | 5700 K | 20,000 lm | Beam angle 60° |
| 919515814456 | BY515P LED250S 57 NB PSU GR | 60 degree(s) | 5700 K | 25,000 lm | Beam angle 60° |

Operating and Electrical

| Order Code | Full Product Name | Power Consumption | Order Code | Full Product Name | Power Consumption |
|--------------|-------------------------------|-------------------|--------------|-------------------------------|-------------------|
| 919515814412 | BY515P LED100S 5700 NB PSU GR | 70 W | 919515814419 | BY515P LED150S 5700 WB PSU GR | 100 W |
| 919515814413 | BY515P LED100S 5700 WB PSU GR | 70 W | 919515814420 | BY515P LED150S 4000 NB PSU GR | 100 W |
| 919515814414 | BY515P LED100S 4000 NB PSU GR | 70 W | 919515814421 | BY515P LED150S 4000 WB PSU GR | 100 W |
| 919515814415 | BY515P LED100S 4000 WB PSU GR | 70 W | 919515814423 | BY515P LED145S 3000 WB PSU GR | 100 W |
| 919515814416 | BY515P LED95S 3000 NB PSU GR | 70 W | 919515814445 | BY515P LED200S 57 NB PSU GR | 135 W |
| 919515814417 | BY515P LED95S 3000 WB PSU GR | 70 W | 919515814456 | BY515P LED250S 57 NB PSU GR | 170 W |
| 919515814418 | BY515P LED150S 5700 NB PSU GR | 100 W | | | |

