



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

Green Perform Prime

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

Versions



BY515P LED100S 4000 NB

Green Perform Prime

Application Conditions

Ambient temperature range -10 to +50 °C

Approval and Application

Mech. impact protection code IK08

Ingress protection code IP65

Controls and Dimming

Dimmable No

Operating and Electrical

Input Voltage 140-270 V

General Information

Protection class IEC Safety class I

Optical cover/lens type Micro-lens optic in polycarbonate cover

Driver included Yes

Flammability mark For mounting on normally flammable surfaces

Initial Performance (IEC Compliant)

Init. Color Rendering Index >70

Initial LED luminaire efficacy 150 lm/W

Mechanical and Housing

Color Gray

General Information

Order Code	Full Product Name	Beam angle of light source	Optic type
919515814412	BY515P LED100S 5700 NB PSU GR	60 °	Beam angle 60°
919515814413	BY515P LED100S 5700 WB PSU GR	90 °	Beam angle 90°
919515814414	BY515P LED100S 4000 NB PSU GR	60 °	Beam angle 60°
919515814415	BY515P LED100S 4000 WB PSU GR	90 °	Beam angle 90°
919515814416	BY515P LED95S 3000 NB PSU GR	60 °	Beam angle 60°
919515814417	BY515P LED95S 3000 WB PSU GR	90 °	Beam angle 90°
919515814418	BY515P LED150S 5700 NB PSU GR	60 °	Beam angle 60°
919515814419	BY515P LED150S 5700 WB PSU GR	90 °	Beam angle 90°
919515814420	BY515P LED150S 4000 NB PSU GR	60 °	Beam angle 60°
919515814421	BY515P LED150S 4000 WB PSU GR	90 °	Beam angle 90°
919515814422	BY515P LED145S 3000 NB PSU GR	60 °	Beam angle 60°
919515814423	BY515P LED145S 3000 WB PSU GR	90 °	Beam angle 90°
919515814445	BY515P LED200S 57 NB PSU GR	60 °	Beam angle 60°
919515814447	BY515P LED195S 30 NB PSU GR	60 °	Beam angle 60°
919515814456	BY515P LED250S 57 NB PSU GR	60 °	Beam angle 60°
919515814460	BY515P LED245S 30 NB PSU GR	60 °	Beam angle 60°

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Init. Corr. Color Temperature	Initial luminous flux	Initial input power
919515814412	BY515P LED100S 5700 NB PSU GR	5700 K	10000 lm	70 W
919515814413	BY515P LED100S 5700 WB PSU GR	5700 K	10000 lm	70 W
919515814414	BY515P LED100S 4000 NB PSU GR	4000 K	10000 lm	70 W
919515814415	BY515P LED100S 4000 WB PSU GR	4000 K	10000 lm	70 W
919515814416	BY515P LED95S 3000 NB PSU GR	3000 K	10000 lm	70 W
919515814417	BY515P LED95S 3000 WB PSU GR	3000 K	10000 lm	70 W
919515814418	BY515P LED150S 5700 NB PSU GR	5700 K	15000 lm	100 W
919515814419	BY515P LED150S 5700 WB PSU GR	5700 K	15000 lm	100 W

Order Code	Full Product Name	Init. Corr. Color Temperature	Initial luminous flux	Initial input power
919515814420	BY515P LED150S 4000 NB PSU GR	4000 K	15000 lm	100 W
919515814421	BY515P LED150S 4000 WB PSU GR	4000 K	15000 lm	100 W
919515814422	BY515P LED145S 3000 NB PSU GR	3000 K	15000 lm	100 W
919515814423	BY515P LED145S 3000 WB PSU GR	3000 K	15000 lm	100 W
919515814445	BY515P LED200S 57 NB PSU GR	5700 K	20000 lm	135 W
919515814447	BY515P LED195S 30 NB PSU GR	3000 K	20000 lm	135 W
919515814456	BY515P LED250S 57 NB PSU GR	5700 K	25000 lm	170 W
919515814460	BY515P LED245S 30 NB PSU GR	3000 K	25000 lm	170 W

