



# 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

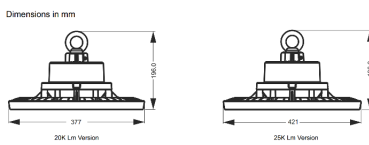
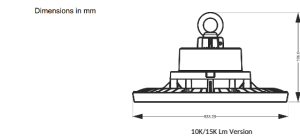
## Application

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

## Warnings and Safety

- Meant for use in Indoor Industrial environment only

## 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

Order Code	Full Product Name	Beam angle of light source	Correlated Color Temperature			
			(Nom)	Luminous Flux	Optic type	
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°	
919515814447	BY515P LED195S 30 NB PSU GR	60 degree(s)	3000 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	919515814447	BY515P LED195S 30 NB PSU GR	135 W
919515814418	BY515P LED150S 5700 NB PSU GR	100 W	919515814456	BY515P LED250S 57 NB PSU GR	170 W

