

PHILIPS

GreenPerform Prime

Simply The Best

Introducing the All New *GreenPerform 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, excellent beam and glare control to provide the users with nothing less than the best in the industry.



Features & Benefits



Outstanding Energy Efficiency

- Incorporates extremely efficient, state-of-the-art LED technology
- System efficiency >145 lm/W
- 75% energy savings versus conventional HID static light



Top performer in any environment

- Designed for operations under diverse environment from -10°C to 55°C
- Lack of Lens Glare makes it gentle and comfortable to eye, while its light distribution is uniform, allowing you to achieve a consistency of illumination
- Polycarbonate front cover makes this luminaire suitable for F&B industry



Enhances Appeal

- Completely new aesthetics design



Robust Design (PDC Housing)

- IK08 Polycarbonate cover provides strong protection from high pollution
- Pressure die-cast housing offers excellent corrosion-resistance and robustness
- Efficient heat dissipation assures long time at high temperature application



Suitable to Versatile applications

- Four lumen choices with two optics: Suitable for 10 to 30-meter height
- Wide Beam (WB) brings high uniformity to the whole area
- Narrow Beam (NB) delivers highly efficient light to make a brighter world
- Extra Narrow Beam (ENB) for 25K lumen pack delivers uniform and ample illumination at high mounting heights of > 15m

Putting you in for various applications –
the flexibility of **GreenPerform Prime**

GreenPerform Prime is robust enough to be used in a wide variety of different environments and impressively ergonomic, which makes it easy to install. **GreenPerform Prime** offers customers all the benefits of LED lighting – fresh light quality, longer service lifetime, reduced energy consumption and less maintenance – from a trusted manufacturer. At the same time, it delivers clear benefits for the installer too. The luminaire can be installed on the existing grid; electrical connection is straightforward – there is no need to open the luminaire for installation or servicing; and being smaller and lighter than conventional luminaires, it is very easy to handle.

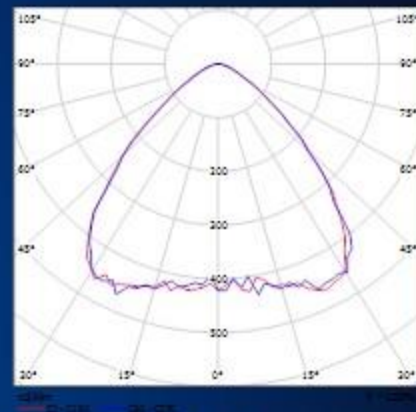
GreenPerform Prime design values mean that it can be incorporated into many kinds of building. Of course, just like its predecessor Maxolid it's ideal for a warehouse environment, where quality of light is so important for operating machinery such as fork-lifts. But other options are now possible too

*The perfect pick for
Warehouses, Malls,
Industries, Sports Auditorium,
Airport Concourse Areas, etc*

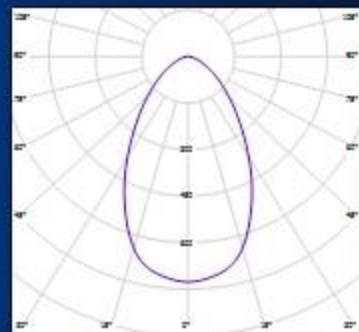


Specifications

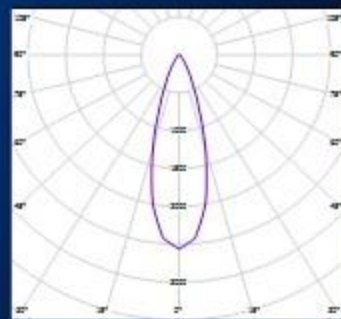
Model - BY515	LED100	LED150	LED200	LED250
System Lumen	10000	15000	20000	25000
System Wattage	70	100	135	170
Efficacy	145-150 lm/W			
CCT	5700/4000K			
SDCM	<5			
Optics	NB(60°)/WB(90°)	NB(60°)/WB(90°)	NB(60°)	ENB(30°)/ NB(60°)
CRI	≥70			
Mounting options	Eye Bolt Hook Mounting			
Housing Type / Color	PDC LM6			
IP Rating	IP65			
Impact Resistance	IK 08			
Life Span	L70, 50K			
Operating Temp	-10 Degrees to 55 Degrees			
Design Tamb. Temp.	45 Degrees			
Power Factor	>.95			
THD	<10%			
Driver Efficiency	90%			
Luminaire Insulation and Serviceability	Class I/ Class B			
Input Voltage Range	220-240V			
Ripple / Surge	<10%/ 4KV			
Controls	PSU			



WB – 2x45°; Symmetric



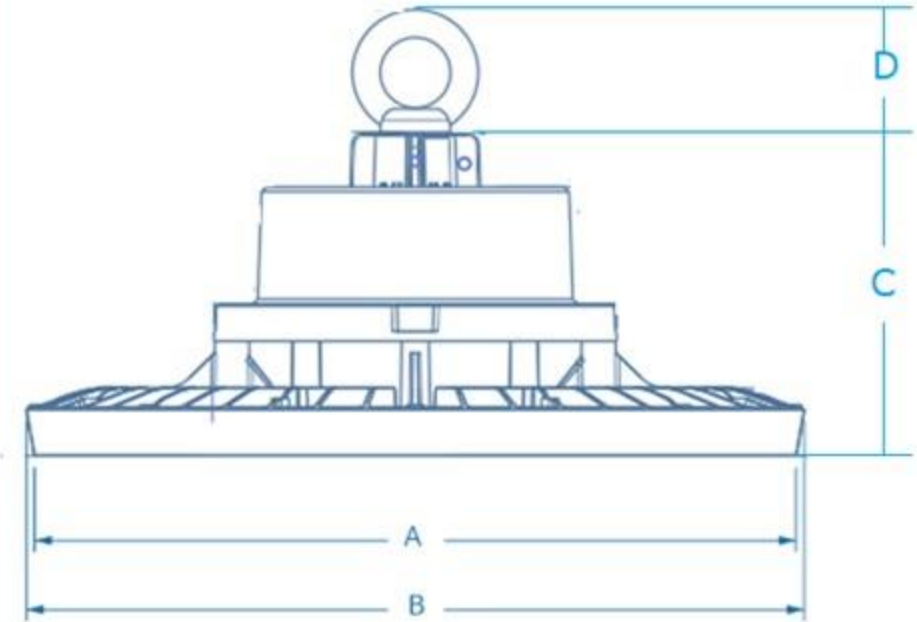
NB – 2x30°; Symmetric



ENB – 2x15°; Symmetric

Ordering Codes And Dimensions

12NC	Description	Lumen	CCT
TBD	BY515P LED100S-5700 NB PSU GR	10000	5700
TBD	BY515P LED100S-5700 WB PSU GR	10000	5700
TBD	BY515P LED100S-4000 NB PSU GR	10000	4000
TBD	BY515P LED100S-4000 WB PSU GR	10000	4000
TBD	BY515P LED150S-5700 NB PSU GR	15000	5700
TBD	BY515P LED150S-5700 WB PSU GR	15000	5700
TBD	BY515P LED150S-4000 NB PSU GR	15000	4000
TBD	BY515P LED150S-4000 WB PSU GR	15000	4000
TBD	BY515P LED200S-5700 NB PSU GR	20000	5700
TBD	BY515P LED200S-4000 NB PSU GR	20000	4000
TBD	BY515P LED250S-5700 NB PSU GR	25000	5700
TBD	BY515P LED250S-5700 ENB PSU GR	25000	5700
TBD	BY515P LED250S-4000 NB PSU GR	25000	4000
TBD	BY515P LED250S-4000 ENB PSU GR	25000	4000



	10K/15K	20K	25K
A	326	370	413
B	333	377	421
C	138	138	143
D	53	53	53
E	132		
F	173		