PHILIPS

BY616P LED200S 5700 NB PSU GR

919515815453



Paving the path to performance Excellence

In an age where sustainability, high performance/productivity standards and building unique identities are the top priorities for businesses, GreenPerform Prime gen2 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 Gen2 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

Warnings and Safety

- Meant for use in Indoor Industrial environment only.

General Information

Driver included	Yes
Light source engine type	LED
Warranty period	1 years

Light Technical

Luminous Flux	20,000 lm
Correlated Color Temperature (Nom)	5700 K
Luminous Efficacy (rated) (Nom)	160 lm/W
Color rendering index (CRI)	≥70
Beam angle of light source	60 degree(s)
Light source color	757 cool white
Optic type	-
Luminaire light beam spread	60°

Operating and Electrical

Input Voltage	120 to 277 V
Line Frequency	50 Hz
Power Consumption	125 W
Power Factor (Fraction)	0.95
Protection class IEC	Safety class I
Surge Protection (Common/ Differential)	6/6 kV

Controls and Dimming

Dimmable	No
Control interface	-

Mechanical and Housing

Housing Material	Aluminium pressure die cast
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Housing Color	Aluminum and gray
Mounting device	Eye-Bolt
Optical cover shape	-
Overall height	196 mm
Overall diameter	377 mm
Material	Pressure die cast aluminum
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Optical cover type	Micro-lens optic in polycarbonate cover
Net Weight (Piece)	4.500 kg

Approval and Application

Flammability mark	For mounting on normally flammable surfaces
Ambient temperature range	0 to +45 °C

Initial Performance (IEC Compliant)

Initial chromaticity	<5
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

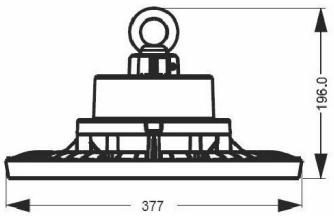
Median useful life L70B50	50,000 hour(s)

Product Data

Order product name	BY616P LED200S 5700 NB PSU GR
Full product name	BY616P LED200S 5700 NB PSU GR
Order code	919515815453
Material Nr. (12NC)	919515815453
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	2

Dimensional drawing

Dimensions in mm



Related Documents

Documents and certificates	Document Name	Download
Installation Instructions	Greenperform Prime Gen2_BY616-INI.pdf	Download

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