PHILIPS

BY615P LED100S 5700 NB PSU GR

919515815449



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	10,000 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	64 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	333 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)	3.800 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%

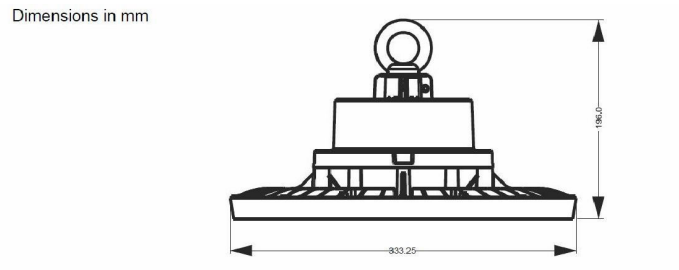
Over Time Performance (IEC Compliant)

Median useful life L70B50	50,000 hour(s)

Product Data

Order product name	BY615P LED100S 5700 NB PSU GR
Full product name	BY615P LED100S 5700 NB PSU GR
Order code	919515815449
Material Nr. (12NC)	919515815449
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	2

Dimensional drawing



Related Documents

Documents and certificates	Document Name	Download
Installation Instructions	Greenperform Prime Gen2_BY615-INI.pdf	Download

© 2026 Signify Holding. All rights reserved. The information provided herein is subject to change, without notice. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.