



An Energy efficient Well Glass for Industrial and commercial application

DuraLED Highbay

Philips DuraLED Highbay is a functional lighting by combining cost-efficiency with clean design. Following the success of Maxolid family, DuraLED Highbay comes as a big surprise gift for industrial Highbay lighting solution with desirable proposition that 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. DuraLED Highbay is a perfect LED replacement for HPI 250/400W luminaires, allowing you to bright up your warehouses, assembly lines, supermarkets, and sports recreational spaces in a smarter way. This highbay improves the total cost of ownership and provides optionally DALI dimming for even further savings.

Benefits

- Suitable for use in harsh Industrial environment
- Outstanding energy efficiency leads to lowering ROI
- Comfortable & Uniform Light provides ease of mind to users
- High quality material and design leads to longer life class for luminaire
- Light in weight and easy to handle
- Suitable for wider range of applications

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Features

- Ingress Protection -IP65
- Impact Resistance IK08
- Inbuilt encapsulated Potted Driver
- Designed for operations under diverse environment from 0°C to 45°C
- Life class is 50000 hours (L70B50 @ Ta45°C)
- Tempered glass cover provides strong protection from high pollution
- Pressure die-cast housing offers excellent corrosion-resistance and robustness
- System efficiency >125 lm/W
- System lumen 10000lm, 13000lm, 16000lm, & 20000lm options
- Four Beam Angles Narrow Beam (NB; 60°), Wide Beam (WB; 110°)
- Four lumen choices with two optics: Suitable for 8 to 20-meter height
- High Voltage Cutoff @ 325 ± 15V with Auto Restart feature
- 440V Protection for 8 Hrs. (Phase to Phase)
- Internal Surge Protection 4KV
- Dimmable option provide capability for further energy savings
- Options of Polycarbonate front cover

Application

- Manufacturing
- Warehouses
- Airports
- Sports Arena
- Supermarkets

Warnings and Safety

- Meant for use in Indoor Industrial environment only

Versions



BY325P

Application conditions

Ambient temperature range	0 to +45 °C
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Approval and application

Mech. impact protection code	IK08
Ingress protection code	IP66

Operating and electrical

Input Voltage	120 to 277 V
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General information

Protection class IEC	Safety class I (I)
Optical cover/lens type	GT
Driver included	Yes
Flammability mark	F

Initial performance (IEC compliant)

Initial chromaticity	<5
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Mechanical and housing

Color	Gray
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Controls and dimming

Order Code	Full Product Name	Dimmable
919515812399	BY326P LED144S CW PSU HE GR SK60 FG S5	No
919515812635	BY325P LED100S CW PSU GR FG NB XTFCL V1	No
919515812636	BY325P LED100S CW PSU GR FG WB XTFCL V1	No
919515812637	BY325P LED130S CW PSU GR FG NB XTFCL V1	No
919515812638	BY325P LED130S CW PSU GR FG WB XTFCL V1	No
919515812639	BY325P LED160S CW PSU GR FG NB XTFCL V1	No
919515812640	BY325P LED160S CW PSU GR FG WB XTFCL V1	No
919515812641	BY325P LED195S CW PSU GR FG NB XTFCL V1	No
919515812642	BY325P LED195S CW PSU GR FG WB XTFCL V1	No
919515812772	BY325P LED100S CW PSU GR FG NB V1 LILO	No
919515812773	BY325P LED100S CW PSU GR FG WB V1 LILO	No
919515812774	BY325P LED130S CW PSU GR FG NB V1 LILO	No
919515812775	BY325P LED130S CW PSU GR FG WB V1 LILO	No
919515812776	BY325P LED160S CW PSU GR FG NB V1 LILO	No
919515812777	BY325P LED160S CW PSU GR FG WB V1 LILO	No
919515812778	BY325P LED195S CW PSU GR FG NB V1 LILO	No
919515812779	BY325P LED195S CW PSU GR FG WB V1 LILO	No
919515812832	BY325P LED100S CW PSD GR FG NB V1	Yes
919515812833	BY325P LED100S CW PSD GR FG WB V1	Yes
919515812834	BY325P LED130S CW PSD GR FG NB V1	Yes
919515812835	BY325P LED130S CW PSD GR FG WB V1	Yes
919515812836	BY325P LED160S CW PSD GR FG NB V1	Yes
919515812837	BY325P LED160S CW PSD GR FG WB V1	Yes
919515812838	BY325P LED190S CW PSD GR FG NB V1	Yes
919515812839	BY325P LED190S CW PSD GR FG WB V1	Yes
919615810936	BY326P P LED120S CW PSU HO GR SY110 FG S	No
919615810937	BY326P P LED144S CW PSU HE GR SK60 FG S5	No

General information

Order Code	Full Product Name	Beam angle of light source	Optic type
919515812399	BY326P LED144S CW PSU HE GR SK60 FG S5	30 °	60
919515812635	BY325P LED100S CW PSU GR FG NB XTFCL V1	30 °	60
919515812636	BY325P LED100S CW PSU GR FG WB XTFCL V1	55 °	110
919515812637	BY325P LED130S CW PSU GR FG NB XTFCL V1	30 °	60
919515812638	BY325P LED130S CW PSU GR FG WB XTFCL V1	55 °	110
919515812639	BY325P LED160S CW PSU GR FG NB XTFCL V1	30 °	60
919515812640	BY325P LED160S CW PSU GR FG WB XTFCL V1	55 °	110
919515812641	BY325P LED195S CW PSU GR FG NB XTFCL V1	30 °	60
919515812642	BY325P LED195S CW PSU GR FG WB XTFCL V1	55 °	110

Order Code	Full Product Name	Beam angle of light source	Optic type
919515812772	BY325P LED100S CW PSU GR FG NB V1 LILO	30 °	60
919515812773	BY325P LED100S CW PSU GR FG WB V1 LILO	55 °	110
919515812774	BY325P LED130S CW PSU GR FG NB V1 LILO	30 °	60
919515812775	BY325P LED130S CW PSU GR FG WB V1 LILO	55 °	110
919515812776	BY325P LED160S CW PSU GR FG NB V1 LILO	30 °	60
919515812777	BY325P LED160S CW PSU GR FG WB V1 LILO	55 °	110
919515812778	BY325P LED195S CW PSU GR FG NB V1 LILO	30 °	60
919515812779	BY325P LED195S CW PSU GR FG WB V1 LILO	55 °	110
919515812832	BY325P LED100S CW PSD GR FG NB V1	30 °	60
919515812833	BY325P LED100S CW PSD GR FG WB V1	55 °	110
919515812834	BY325P LED130S CW PSD GR FG NB V1	30 °	60
919515812835	BY325P LED130S CW PSD GR FG WB V1	55 °	110
919515812836	BY325P LED160S CW PSD GR FG NB V1	30 °	60

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Order Code	Full Product Name	Beam angle of light source	Optic type
919515812837	BY325P LED160S CW PSD GR FG WB V1	55 °	110
919515812838	BY325P LED190S CW PSD GR FG NB V1	30 °	60
919515812839	BY325P LED190S CW PSD GR FG WB V1	55 °	110
919615810936	BY326P P LED120S CW PSU HO GR SY110 FG S	55 °	110

Order Code	Full Product Name	Beam angle of light source	Optic type
919615810937	BY326P P LED144S CW PSU HE GR SK60 FG S5	30 °	60

Initial performance (IEC compliant) (1/2)

Order Code	Full Product Name	Init. Corr. Color Temperature	Init. Color Rendering Index	Initial LED luminaire efficacy	Initial luminous flux
919515812399	BY326P LED144S CW PSU HE GR SK60 FG S5	5700 K	>70	120 lm/W	14500 lm
919515812635	BY325P LED100S CW PSU GR FG NB XTFCL V1	6500 K	>80	125 lm/W	10000 lm
919515812636	BY325P LED100S CW PSU GR FG WB XTFCL V1	6500 K	>80	125 lm/W	10000 lm
919515812637	BY325P LED130S CW PSU GR FG NB XTFCL V1	6500 K	>80	125 lm/W	13000 lm
919515812638	BY325P LED130S CW PSU GR FG WB XTFCL V1	6500 K	>80	125 lm/W	13000 lm
919515812639	BY325P LED160S CW PSU GR FG NB XTFCL V1	6500 K	>80	125 lm/W	16000 lm
919515812640	BY325P LED160S CW PSU GR FG WB XTFCL V1	6500 K	>80	125 lm/W	16000 lm
919515812641	BY325P LED195S CW PSU GR FG NB XTFCL V1	6500 K	>80	125 lm/W	20000 lm
919515812642	BY325P LED195S CW PSU GR FG WB XTFCL V1	6500 K	>80	125 lm/W	20000 lm
919515812772	BY325P LED100S CW PSU GR FG NB V1 LILO	6500 K	>80	125 lm/W	10000 lm

Order Code	Full Product Name	Init. Corr. Color Temperature	Init. Color Rendering Index	Initial LED luminaire efficacy	Initial luminous flux
919515812773	BY325P LED100S CW PSU GR FG WB V1 LILO	6500 K	>80	125 lm/W	10000 lm
919515812774	BY325P LED130S CW PSU GR FG NB V1 LILO	6500 K	>80	125 lm/W	13000 lm
919515812775	BY325P LED130S CW PSU GR FG WB V1 LILO	6500 K	>80	125 lm/W	13000 lm
919515812776	BY325P LED160S CW PSU GR FG NB V1 LILO	6500 K	>80	125 lm/W	16000 lm
919515812777	BY325P LED160S CW PSU GR FG WB V1 LILO	6500 K	>80	125 lm/W	16000 lm
919515812778	BY325P LED195S CW PSU GR FG NB V1 LILO	6500 K	>80	125 lm/W	20000 lm
919515812779	BY325P LED195S CW PSU GR FG WB V1 LILO	6500 K	>80	125 lm/W	20000 lm
919515812832	BY325P LED100S CW PSD GR FG NB V1	6500 K	>80	125 lm/W	10000 lm
919515812833	BY325P LED100S CW PSD GR FG WB V1	6500 K	>80	125 lm/W	10000 lm
919515812834	BY325P LED130S CW PSD GR FG NB V1	6500 K	>80	125 lm/W	13000 lm

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Order Code	Full Product Name	Init. Corr. Color Temperature	Init. Color Rendering Index	Initial LED luminaire efficacy	Initial luminous flux
919515812835	BY325P LED130S CW PSD GR FG NB V1	6500 K	>80	125 lm/W	13000 lm
919515812836	BY325P LED160S CW PSD GR FG NB V1	6500 K	>80	125 lm/W	16000 lm
919515812837	BY325P LED160S CW PSD GR FG WB V1	6500 K	>80	125 lm/W	16000 lm
919515812838	BY325P LED190S CW	6500 K	>80	125 lm/W	19500 lm

Order Code	Full Product Name	Init. Corr. Color Temperature	Init. Color Rendering Index	Initial LED luminaire efficacy	Initial luminous flux
	PSD GR FG NB V1				
919515812839	BY325P LED190S CW PSD GR FG WB V1	6500 K	>80	125 lm/W	19500 lm
919615810936	BY326P P LED120S CW PSU HO GR SY110 FG S	5700 K	>70	110 lm/W	12000 lm
919615810937	BY326P P LED144S CW PSU HE GR SK60 FG S5	5700 K	>70	120 lm/W	14500 lm

Initial performance (IEC compliant) (2/2)

Order Code	Full Product Name	Initial input power
919515812399	BY326P LED144S CW PSU HE GR SK60 FG S5	126 W
919515812635	BY325P LED100S CW PSU GR FG NB XTFCL V1	80 W
919515812636	BY325P LED100S CW PSU GR FG WB XTFCL V1	80 W
919515812637	BY325P LED130S CW PSU GR FG NB XTFCL V1	105 W
919515812638	BY325P LED130S CW PSU GR FG WB XTFCL V1	105 W
919515812639	BY325P LED160S CW PSU GR FG NB XTFCL V1	132 W
919515812640	BY325P LED160S CW PSU GR FG WB XTFCL V1	132 W
919515812641	BY325P LED195S CW PSU GR FG NB XTFCL V1	160 W
919515812642	BY325P LED195S CW PSU GR FG WB XTFCL V1	160 W
919515812772	BY325P LED100S CW PSU GR FG NB V1 LILO	80 W
919515812773	BY325P LED100S CW PSU GR FG WB V1 LILO	80 W
919515812774	BY325P LED130S CW PSU GR FG NB V1 LILO	105 W
919515812775	BY325P LED130S CW PSU GR FG WB V1 LILO	105 W
919515812776	BY325P LED160S CW PSU GR FG NB V1 LILO	132 W

Order Code	Full Product Name	Initial input power
919515812777	BY325P LED160S CW PSU GR FG WB V1 LILO	132 W
919515812778	BY325P LED195S CW PSU GR FG NB V1 LILO	160 W
919515812779	BY325P LED195S CW PSU GR FG WB V1 LILO	160 W
919515812832	BY325P LED100S CW PSD GR FG NB V1	80 W
919515812833	BY325P LED100S CW PSD GR FG WB V1	80 W
919515812834	BY325P LED130S CW PSD GR FG NB V1	105 W
919515812835	BY325P LED130S CW PSD GR FG WB V1	105 W
919515812836	BY325P LED160S CW PSD GR FG NB V1	132 W
919515812837	BY325P LED160S CW PSD GR FG WB V1	132 W
919515812838	BY325P LED190S CW PSD GR FG NB V1	160 W
919515812839	BY325P LED190S CW PSD GR FG WB V1	160 W
919615810936	BY326P P LED120S CW PSU HO GR SY110 FG S	105 W
919615810937	BY326P P LED144S CW PSU HE GR SK60 FG S5	126 W

