



A versatile high-bay LED luminaire with high efficiency and future-proof connectivity

Green Perform Highbay Elite

GreenPerform Highbay Elite is the latest innovation in a successful range of highbay luminaires for high ceiling and industrial applications. The unique finless design has received the iF Design Award 2019 and Reddot Design Award 2019 for its aesthetic appeal. But this versatile luminaire offers a wealth of practical features too, including great light quality, high energy savings, a long lifetime at an affordable price and a wide variety of optics and lumen packages. The Green Perform Highbay Elite luminaire provides options for advanced connectivity with IoT-based systems and software applications including the Interact Pro system. If you're looking for a 'fit and forget' robust and reliable solution with connectivity advantages, Green Perform Highbay Elite is the smart choice.

Benefits

- Unique aesthetics with superior light quality.
- Robust and reliable with a highly-efficient, long service life and an attractive Total Cost of Ownership, saving up to 60% as a point-to-point replacement for HPI 250 W, HPL 400 W and HPI 400 W.
- Connected ready for cloud-based IoT software applications.

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Features

- High efficiency up to 145 lm/w
- Long service life of 75,000 hours (L70B50 at a temperature of 35 °C)
- Complete range of lumen packages from 10,000 to 30,000 lm
- Colour Rendering Index of above 80
- Wide variety of optics for a range of applications, and suitable for hook, pipe and bracket mountings

Application

- General manufacturing
- Warehouses and logistical centres
- Hallways

Versions



Green Perform Highbay Elite

Application Conditions

Ambient temperature range	-30 to +50 °C
Suitable for random switching	No

Approval and Application

Ingress protection code	IP65
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Controls and Dimming

Dimmable	No
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Operating and Electrical

Input Voltage	220 to 240 V
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General Information

CE mark	CE mark
Protection class IEC	Safety class I (I)
Driver included	Yes
ENEC mark	-
Flammability mark	F
Glow-wire test	650/30
Light source replaceable	No
Number of gear units	1 unit
Optic type	Symmetrical

Initial Performance (IEC Compliant)

Init. Colour rendering index	>80
Luminous flux tolerance	+/-10%

Application Conditions

Order Code	Full Product Name	Maximum dimming level
911401568851	BY718P LED100/CW PSU NB	Not applicable
911401568951	BY718P LED100/CW PSU WB	Not applicable
911401569051	BY718P LED100/NW PSU NB	Not applicable
911401569151	BY718P LED100/NW PSU WB	Not applicable
911401569251	BY718P LED200/CW PSU NB	Not applicable
911401569351	BY718P LED200/CW PSU WB	Not applicable
911401569451	BY718P LED200/NW PSU NB	Not applicable
911401569551	BY718P LED200/NW PSU WB	Not applicable
911401576451	BY718P LED150/CW PSU NB	Not applicable
911401576551	BY718P LED150/CW PSU WB	Not applicable
911401576651	BY718P LED150/NW PSU NB	Not applicable
911401576751	BY718P LED150/NW PSU WB	Not applicable
911401576851	BY718P LED250/CW PSU NB	Not applicable
911401576951	BY718P LED250/CW PSU WB	Not applicable
911401577051	BY718P LED250/NW PSU NB	Not applicable
911401577151	BY718P LED250/NW PSU WB	Not applicable
911401577251	BY718P LED300/CW PSU NB	Not applicable
911401577351	BY718P LED300/CW PSU WB	Not applicable
911401577451	BY718P LED300/NW PSU NB	Not applicable
911401577551	BY718P LED300/NW PSU WB	Not applicable
911401577361	BY718X LED200/NW IAI NB IP65	10%

Approval and Application

Order Code	Full Product Name	Mech. impact protection code
911401568851	BY718P LED100/CW PSU NB	IK08
911401568951	BY718P LED100/CW PSU WB	IK08
911401569051	BY718P LED100/NW PSU NB	IK08
911401569151	BY718P LED100/NW PSU WB	IK08
911401569251	BY718P LED200/CW PSU NB	IK08
911401569351	BY718P LED200/CW PSU WB	IK08
911401569451	BY718P LED200/NW PSU NB	IK08
911401569551	BY718P LED200/NW PSU WB	IK08
911401576451	BY718P LED150/CW PSU NB	IK08
911401576551	BY718P LED150/CW PSU WB	IK08
911401576651	BY718P LED150/NW PSU NB	IK08

Order Code	Full Product Name	Mech. impact protection code
911401576751	BY718P LED150/NW PSU WB	IK08
911401576851	BY718P LED250/CW PSU NB	IK08
911401576951	BY718P LED250/CW PSU WB	IK08
911401577051	BY718P LED250/NW PSU NB	IK08
911401577151	BY718P LED250/NW PSU WB	IK08
911401577251	BY718P LED300/CW PSU NB	IK08
911401577351	BY718P LED300/CW PSU WB	IK08
911401577451	BY718P LED300/NW PSU NB	IK08
911401577551	BY718P LED300/NW PSU WB	IK08
911401577361	BY718X LED200/NW IAI NB IP65	IK05

General Information

Order Code	Full Product Name	Beam angle of light source	Optical cover/lens type
911401568851	BY718P LED100/CW PSU NB	-	Lens
911401568951	BY718P LED100/CW PSU WB	-	Lens
911401569051	BY718P LED100/NW PSU NB	-	Lens
911401569151	BY718P LED100/NW PSU WB	-	Lens
911401569251	BY718P LED200/CW PSU NB	-	Lens

Order Code	Full Product Name	Beam angle of light source	Optical cover/lens type
911401569351	BY718P LED200/CW PSU WB	-	Lens
911401569451	BY718P LED200/NW PSU NB	-	Lens
911401569551	BY718P LED200/NW PSU WB	-	Lens
911401576451	BY718P LED150/CW PSU NB	-	Lens
911401576551	BY718P LED150/CW PSU WB	-	Lens

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Order Code	Full Product Name	Beam angle of light source	Optical cover/lens type
911401576651	BY718P LED150/NW PSU NB	-	Lens
911401576751	BY718P LED150/NW PSU WB	-	Lens
911401576851	BY718P LED250/CW PSU NB	-	Lens
911401576951	BY718P LED250/CW PSU WB	-	Lens
911401577051	BY718P LED250/NW PSU NB	-	Lens
911401577151	BY718P LED250/NW PSU WB	-	Lens

Order Code	Full Product Name	Beam angle of light source	Optical cover/lens type
911401577251	BY718P LED300/CW PSU NB	-	Lens
911401577351	BY718P LED300/CW PSU WB	-	Lens
911401577451	BY718P LED300/NW PSU NB	-	Lens
911401577551	BY718P LED300/NW PSU WB	-	Lens
911401577361	BY718X LED200/NW IAI NB IP65	120 °	No

Initial Performance (IEC Compliant) (1/2)

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Colour Temperature	Initial LED luminaire efficacy	Initial luminous flux
911401568851	BY718P LED100/CW PSU NB	-	6500 K	156 lm/W	11000 lm
911401568951	BY718P LED100/CW PSU WB	-	6500 K	156 lm/W	11000 lm
911401569051	BY718P LED100/NW PSU NB	-	4000 K	156 lm/W	11000 lm
911401569151	BY718P LED100/NW PSU WB	-	4000 K	156 lm/W	11000 lm
911401569251	BY718P LED200/CW PSU NB	-	6500 K	158 lm/W	21500 lm
911401569351	BY718P LED200/CW PSU WB	-	6500 K	158 lm/W	21500 lm
911401569451	BY718P LED200/NW PSU NB	-	4000 K	158 lm/W	21500 lm
911401569551	BY718P LED200/NW PSU WB	-	4000 K	158 lm/W	21500 lm
911401576451	BY718P LED150/CW PSU NB	-	6500 K	145 lm/W	15000 lm
911401576551	BY718P LED150/CW PSU WB	-	6500 K	145 lm/W	15000 lm
911401576651	BY718P LED150/NW PSU NB	-	4000 K	145 lm/W	15000 lm

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Colour Temperature	Initial LED luminaire efficacy	Initial luminous flux
911401576751	BY718P LED150/NW PSU WB	-	4000 K	145 lm/W	15000 lm
911401576851	BY718P LED250/CW PSU NB	-	6500 K	158 lm/W	27000 lm
911401576951	BY718P LED250/CW PSU WB	-	6500 K	158 lm/W	27000 lm
911401577051	BY718P LED250/NW PSU NB	-	4000 K	158 lm/W	27000 lm
911401577151	BY718P LED250/NW PSU WB	-	4000 K	158 lm/W	27000 lm
911401577251	BY718P LED300/CW PSU NB	-	6500 K	145 lm/W	30000 lm
911401577351	BY718P LED300/CW PSU WB	-	6500 K	145 lm/W	30000 lm
911401577451	BY718P LED300/NW PSU NB	-	4000 K	145 lm/W	30000 lm
911401577551	BY718P LED300/NW PSU WB	-	4000 K	145 lm/W	30000 lm
911401577361	BY718X LED200/NW IAI NB IP65	-	4000 K	147 lm/W	21500 lm

Initial Performance (IEC Compliant) (2/2)

Order Code	Full Product Name	Initial input power
911401568851	BY718P LED100/CW PSU NB	68 W

Order Code	Full Product Name	Initial input power
911401568951	BY718P LED100/CW PSU WB	68 W

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Order Code	Full Product Name	Initial input power
911401569051	BY718P LED100/NW PSU NB	68 W
911401569151	BY718P LED100/NW PSU WB	68 W
911401569251	BY718P LED200/CW PSU NB	135 W
911401569351	BY718P LED200/CW PSU WB	135 W
911401569451	BY718P LED200/NW PSU NB	135 W
911401569551	BY718P LED200/NW PSU WB	135 W
911401576451	BY718P LED150/CW PSU NB	102 W
911401576551	BY718P LED150/CW PSU WB	102 W
911401576651	BY718P LED150/NW PSU NB	102 W
911401576751	BY718P LED150/NW PSU WB	102 W

Order Code	Full Product Name	Initial input power
911401576851	BY718P LED250/CW PSU NB	169 W
911401576951	BY718P LED250/CW PSU WB	169 W
911401577051	BY718P LED250/NW PSU NB	169 W
911401577151	BY718P LED250/NW PSU WB	169 W
911401577251	BY718P LED300/CW PSU NB	203 W
911401577351	BY718P LED300/CW PSU WB	203 W
911401577451	BY718P LED300/NW PSU NB	203 W
911401577551	BY718P LED300/NW PSU WB	203 W
911401577361	BY718X LED200/NW IAI NB IP65	145 W

Mechanical and Housing

Order Code	Full Product Name	Colour
911401568851	BY718P LED100/CW PSU NB	Grey
911401568951	BY718P LED100/CW PSU WB	Grey
911401569051	BY718P LED100/NW PSU NB	Grey
911401569151	BY718P LED100/NW PSU WB	Grey
911401569251	BY718P LED200/CW PSU NB	Grey
911401569351	BY718P LED200/CW PSU WB	Grey
911401569451	BY718P LED200/NW PSU NB	Grey
911401569551	BY718P LED200/NW PSU WB	Grey
911401576451	BY718P LED150/CW PSU NB	Grey
911401576551	BY718P LED150/CW PSU WB	Grey
911401576651	BY718P LED150/NW PSU NB	Grey

Order Code	Full Product Name	Colour
911401576751	BY718P LED150/NW PSU WB	Grey
911401576851	BY718P LED250/CW PSU NB	Grey
911401576951	BY718P LED250/CW PSU WB	Grey
911401577051	BY718P LED250/NW PSU NB	Grey
911401577151	BY718P LED250/NW PSU WB	Grey
911401577251	BY718P LED300/CW PSU NB	Grey
911401577351	BY718P LED300/CW PSU WB	Grey
911401577451	BY718P LED300/NW PSU NB	Grey
911401577551	BY718P LED300/NW PSU WB	Grey
911401577361	BY718X LED200/NW IAI NB IP65	Black and Grey

Order Code	Full Product Name	Driver failure rate at 5,000 hours
911401568851	BY718P LED100/CW PSU NB	-
911401568951	BY718P LED100/CW PSU WB	-
911401569051	BY718P LED100/NW PSU NB	-
911401569151	BY718P LED100/NW PSU WB	-
911401569251	BY718P LED200/CW PSU NB	-
911401569351	BY718P LED200/CW PSU WB	-
911401569451	BY718P LED200/NW PSU NB	-
911401569551	BY718P LED200/NW PSU WB	-
911401576451	BY718P LED150/CW PSU NB	-
911401576551	BY718P LED150/CW PSU WB	-
911401576651	BY718P LED150/NW PSU NB	-

Order Code	Full Product Name	Driver failure rate at 5,000 hours
911401576751	BY718P LED150/NW PSU WB	-
911401576851	BY718P LED250/CW PSU NB	-
911401576951	BY718P LED250/CW PSU WB	-
911401577051	BY718P LED250/NW PSU NB	-
911401577151	BY718P LED250/NW PSU WB	-
911401577251	BY718P LED300/CW PSU NB	-
911401577351	BY718P LED300/CW PSU WB	-
911401577451	BY718P LED300/NW PSU NB	-
911401577551	BY718P LED300/NW PSU WB	-
911401577361	BY718X LED200/NW IAI NB IP65	0.0021 %

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