



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

GreenPerform 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.

GreenPerform Highbay Elite

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



Application conditions

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

Approval and application

Mech. impact protection code	IK08
Ingress protection code	IP65

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
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
911401571851	BY718P LED100/CW PSD NB	1%
911401571951	BY718P LED100/CW PSD WB	1%
911401572051	BY718P LED100/NW PSD NB	1%
911401572151	BY718P LED100/NW PSD WB	1%
911401572251	BY718P LED200/CW PSD NB	1%
911401572351	BY718P LED200/CW PSD WB	1%
911401572451	BY718P LED200/NW PSD NB	1%
911401572551	BY718P LED200/NW PSD WB	1%
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
911401580551	BY718P LED150/CW PSD NB	1%
911401580651	BY718P LED150/CW PSD WB	1%
911401580751	BY718P LED150/NW PSD NB	1%
911401580851	BY718P LED150/NW PSD WB	1%
911401580951	BY718P LED250/CW PSD NB	1%
911401581051	BY718P LED250/CW PSD WB	1%
911401581151	BY718P LED250/NW PSD NB	1%
911401581251	BY718P LED250/NW PSD WB	1%
911401581351	BY718P LED300/CW PSD NB	1%
911401581451	BY718P LED300/CW PSD WB	1%
911401581551	BY718P LED300/NW PSD NB	1%
911401581651	BY718P LED300/NW PSD WB	1%

Controls and dimming

Order Code	Full Product Name	Dimmable	Order Code	Full Product Name	Dimmable
911401568851	BY718P LED100/CW PSU NB	No	911401569451	BY718P LED200/NW PSU NB	No
911401568951	BY718P LED100/CW PSU WB	No	911401569551	BY718P LED200/NW PSU WB	No
911401569051	BY718P LED100/NW PSU NB	No	911401576451	BY718P LED150/CW PSU NB	No
911401569151	BY718P LED100/NW PSU WB	No	911401576551	BY718P LED150/CW PSU WB	No
911401569251	BY718P LED200/CW PSU NB	No	911401576651	BY718P LED150/NW PSU NB	No
911401569351	BY718P LED200/CW PSU WB	No	911401576751	BY718P LED150/NW PSU WB	No

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Order Code	Full Product Name	Dimmable
911401571851	BY718P LED100/CW PSD NB	Yes
911401571951	BY718P LED100/CW PSD WB	Yes
911401572051	BY718P LED100/NW PSD NB	Yes
911401572151	BY718P LED100/NW PSD WB	Yes
911401572251	BY718P LED200/CW PSD NB	Yes
911401572351	BY718P LED200/CW PSD WB	Yes
911401572451	BY718P LED200/NW PSD NB	Yes
911401572551	BY718P LED200/NW PSD WB	Yes
911401576851	BY718P LED250/CW PSU NB	No
911401576951	BY718P LED250/CW PSU WB	No
911401577051	BY718P LED250/NW PSU NB	No
911401577151	BY718P LED250/NW PSU WB	No
911401577251	BY718P LED300/CW PSU NB	No
911401577351	BY718P LED300/CW PSU WB	No

Order Code	Full Product Name	Dimmable
911401577451	BY718P LED300/NW PSU NB	No
911401577551	BY718P LED300/NW PSU WB	No
911401580551	BY718P LED150/CW PSD NB	Yes
911401580651	BY718P LED150/CW PSD WB	Yes
911401580751	BY718P LED150/NW PSD NB	Yes
911401580851	BY718P LED150/NW PSD WB	Yes
911401580951	BY718P LED250/CW PSD NB	Yes
911401581051	BY718P LED250/CW PSD WB	Yes
911401581151	BY718P LED250/NW PSD NB	Yes
911401581251	BY718P LED250/NW PSD WB	Yes
911401581351	BY718P LED300/CW PSD NB	Yes
911401581451	BY718P LED300/CW PSD WB	Yes
911401581551	BY718P LED300/NW PSD NB	Yes
911401581651	BY718P LED300/NW PSD WB	Yes

General information

Order Code	Full Product Name	Optical	Number of gear	Service tag
		cover/lens type		
911401568851	BY718P LED100/CW PSU NB	Lens	1 unit	-
911401568951	BY718P LED100/CW PSU WB	Lens	1 unit	-
911401569051	BY718P LED100/NW PSU NB	Lens	1 unit	-
911401569151	BY718P LED100/NW PSU WB	Lens	1 unit	-
911401569251	BY718P LED200/CW PSU NB	Lens	1 unit	-
911401569351	BY718P LED200/CW PSU WB	Lens	1 unit	-
911401569451	BY718P LED200/NW PSU NB	Lens	1 unit	-
911401569551	BY718P LED200/NW PSU WB	Lens	1 unit	-
911401576451	BY718P LED150/CW PSU NB	Lens	1 unit	-
911401576551	BY718P LED150/CW PSU WB	Lens	1 unit	-
911401576651	BY718P LED150/NW PSU NB	Lens	1 unit	-
911401576751	BY718P LED150/NW PSU WB	Lens	1 unit	-
911401571851	BY718P LED100/CW PSD NB	PC	1 unit	Yes
911401571951	BY718P LED100/CW PSD WB	PC	1 unit	Yes
911401572051	BY718P LED100/NW PSD NB	PC	1 unit	Yes
911401572151	BY718P LED100/NW PSD WB	PC	1 unit	Yes
911401572251	BY718P LED200/CW PSD NB	PC	1 unit	Yes
911401572351	BY718P LED200/CW PSD WB	PC	1 unit	Yes
911401572451	BY718P LED200/NW PSD NB	PC	1 unit	Yes
911401572551	BY718P LED200/NW PSD WB	PC	1 unit	Yes
911401576851	BY718P LED250/CW PSU NB	Lens	1 unit	-

Order Code	Full Product Name	Optical	Number of gear	Service tag
		cover/lens type		
911401576951	BY718P LED250/CW PSU WB	Lens	1 unit	-
911401577051	BY718P LED250/NW PSU NB	Lens	1 unit	-
911401577151	BY718P LED250/NW PSU WB	Lens	1 unit	-
911401577251	BY718P LED300/CW PSU NB	Lens	1 unit	-
911401577351	BY718P LED300/CW PSU WB	Lens	1 unit	-
911401577451	BY718P LED300/NW PSU NB	Lens	1 unit	-
911401577551	BY718P LED300/NW PSU WB	Lens	1 unit	-
911401580551	BY718P LED150/CW PSD NB	PC	1 unit	Yes
911401580651	BY718P LED150/CW PSD WB	PC	1 unit	Yes
911401580751	BY718P LED150/NW PSD NB	PC	1 unit	Yes
911401580851	BY718P LED150/NW PSD WB	PC	1 unit	Yes
911401580951	BY718P LED250/CW PSD NB	PC	2 units	Yes
911401581051	BY718P LED250/CW PSD WB	PC	2 units	Yes
911401581151	BY718P LED250/NW PSD NB	PC	2 units	Yes
911401581251	BY718P LED250/NW PSD WB	PC	2 units	Yes
911401581351	BY718P LED300/CW PSD NB	PC	2 units	Yes
911401581451	BY718P LED300/CW PSD WB	PC	2 units	Yes
911401581551	BY718P LED300/NW PSD NB	PC	2 units	Yes
911401581651	BY718P LED300/NW PSD WB	PC	2 units	Yes

Initial performance (IEC compliant)

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Order Code	Full Product Name	Init. Corr. Colour Temperature	Initial LED luminaire efficacy	Initial luminous flux	Initial input power
911401568851	BY718P LED100/CW PSU NB	6500 K	156 lm/W	11000 lm	68 W
911401568951	BY718P LED100/CW PSU WB	6500 K	156 lm/W	11000 lm	68 W
911401569051	BY718P LED100/NW PSU NB	4000 K	156 lm/W	11000 lm	68 W
911401569151	BY718P LED100/NW PSU WB	4000 K	156 lm/W	11000 lm	68 W
911401569251	BY718P LED200/CW PSU NB	6500 K	158 lm/W	21500 lm	135 W
911401569351	BY718P LED200/CW PSU WB	6500 K	158 lm/W	21500 lm	135 W
911401569451	BY718P LED200/NW PSU NB	4000 K	158 lm/W	21500 lm	135 W
911401569551	BY718P LED200/NW PSU WB	4000 K	158 lm/W	21500 lm	135 W
911401576451	BY718P LED150/CW PSU NB	6500 K	145 lm/W	15000 lm	102 W
911401576551	BY718P LED150/CW PSU WB	6500 K	145 lm/W	15000 lm	102 W
911401576651	BY718P LED150/NW PSU NB	4000 K	145 lm/W	15000 lm	102 W
911401576751	BY718P LED150/NW PSU WB	4000 K	145 lm/W	15000 lm	102 W
911401571851	BY718P LED100/CW PSD NB	6500 K	145 lm/W	11000 lm	73 W
911401571951	BY718P LED100/CW PSD WB	6500 K	145 lm/W	11000 lm	73 W
911401572051	BY718P LED100/NW PSD NB	4000 K	145 lm/W	11000 lm	73 W
911401572151	BY718P LED100/NW PSD WB	4000 K	145 lm/W	11000 lm	73 W

Order Code	Full Product Name	Init. Corr. Colour Temperature	Initial LED luminaire efficacy	Initial luminous flux	Initial input power
911401572251	BY718P LED200/CW PSD NB	6500 K	147 lm/W	21500 lm	145 W
911401572351	BY718P LED200/CW PSD WB	6500 K	147 lm/W	21500 lm	145 W
911401572451	BY718P LED200/NW PSD NB	4000 K	147 lm/W	21500 lm	145 W
911401572551	BY718P LED200/NW PSD WB	4000 K	147 lm/W	21500 lm	145 W
911401576851	BY718P LED250/CW PSU NB	6500 K	158 lm/W	27000 lm	169 W
911401576951	BY718P LED250/CW PSU WB	6500 K	158 lm/W	27000 lm	169 W
911401577051	BY718P LED250/NW PSU NB	4000 K	158 lm/W	27000 lm	169 W
911401577151	BY718P LED250/NW PSU WB	4000 K	158 lm/W	27000 lm	169 W
911401577251	BY718P LED300/CW PSU NB	6500 K	145 lm/W	30000 lm	203 W
911401577351	BY718P LED300/CW PSU WB	6500 K	145 lm/W	30000 lm	203 W
911401577451	BY718P LED300/NW PSU NB	4000 K	145 lm/W	30000 lm	203 W
911401577551	BY718P LED300/NW PSU WB	4000 K	145 lm/W	30000 lm	203 W
911401580551	BY718P LED150/CW PSD NB	6500 K	137 lm/W	15000 lm	109 W
911401580651	BY718P LED150/CW PSD WB	6500 K	137 lm/W	15000 lm	109 W
911401580751	BY718P LED150/NW PSD NB	4000 K	137 lm/W	15000 lm	109 W
911401580851	BY718P LED150/NW PSD WB	4000 K	137 lm/W	15000 lm	109 W

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	Full Product	Init. Corr.	Initial LED	Initial	Initial
Order Code	Name	Colour	luminaire	luminous	input
		Temperature	efficacy	flux	power
911401580951	BY718P LED250/CW PSD NB	6500 K	147 lm/W	27000 lm	183 W
911401581051	BY718P LED250/CW PSD WB	6500 K	147 lm/W	27000 lm	183 W
911401581151	BY718P LED250/NW PSD NB	4000 K	147 lm/W	27000 lm	183 W
911401581251	BY718P LED250/NW PSD WB	4000 K	147 lm/W	27000 lm	183 W

	Full Product	Init. Corr.	Initial LED	Initial	Initial
Order Code	Name	Colour	luminaire	luminous	input
		Temperature	efficacy	flux	power
911401581351	BY718P LED300/CW PSD NB	6500 K	137 lm/W	30000 lm	217 W
911401581451	BY718P LED300/CW PSD WB	6500 K	137 lm/W	30000 lm	217 W
911401581551	BY718P LED300/NW PSD NB	4000 K	137 lm/W	30000 lm	217 W
911401581651	BY718P LED300/NW PSD WB	4000 K	137 lm/W	30000 lm	217 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
911401576751	BY718P LED150/NW PSU WB	Grey
911401571851	BY718P LED100/CW PSD NB	Black and Grey
911401571951	BY718P LED100/CW PSD WB	Black and Grey
911401572051	BY718P LED100/NW PSD NB	Black and Grey
911401572151	BY718P LED100/NW PSD WB	Black and Grey
911401572251	BY718P LED200/CW PSD NB	Black and Grey
911401572351	BY718P LED200/CW PSD WB	Black and Grey
911401572451	BY718P LED200/NW PSD NB	Black and Grey
911401572551	BY718P LED200/NW PSD WB	Black and Grey

Order Code	Full Product Name	Colour
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
911401580551	BY718P LED150/CW PSD NB	Black and Grey
911401580651	BY718P LED150/CW PSD WB	Black and Grey
911401580751	BY718P LED150/NW PSD NB	Black and Grey
911401580851	BY718P LED150/NW PSD WB	Black and Grey
911401580951	BY718P LED250/CW PSD NB	Black and Grey
911401581051	BY718P LED250/CW PSD WB	Black and Grey
911401581151	BY718P LED250/NW PSD NB	Black and Grey
911401581251	BY718P LED250/NW PSD WB	Black and Grey
911401581351	BY718P LED300/CW PSD NB	Black and Grey
911401581451	BY718P LED300/CW PSD WB	Black and Grey
911401581551	BY718P LED300/NW PSD NB	Black and Grey
911401581651	BY718P LED300/NW PSD WB	Black and Grey

Over time performance (IEC compliant)

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	-

Order Code	Full Product Name	Driver failure rate at 5,000 hours
911401576551	BY718P LED150/CW PSU WB	-
911401576651	BY718P LED150/NW PSU NB	-
911401576751	BY718P LED150/NW PSU WB	-
911401571851	BY718P LED100/CW PSD NB	0.0021 %
911401571951	BY718P LED100/CW PSD WB	0.0021 %
911401572051	BY718P LED100/NW PSD NB	0.0021 %
911401572151	BY718P LED100/NW PSD WB	0.0021 %
911401572251	BY718P LED200/CW PSD NB	0.0021 %
911401572351	BY718P LED200/CW PSD WB	0.0021 %

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Order Code	Full Product Name	Driver failure rate at 5,000 hours
911401572451	BY718P LED200/NW PSD NB	0.0021 %
911401572551	BY718P LED200/NW PSD WB	0.0021 %
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	-
911401580551	BY718P LED150/CW PSD NB	0.0021 %

Order Code	Full Product Name	Driver failure rate at 5,000 hours
911401580651	BY718P LED150/CW PSD WB	0.0021 %
911401580751	BY718P LED150/NW PSD NB	0.0021 %
911401580851	BY718P LED150/NW PSD WB	0.0021 %
911401580951	BY718P LED250/CW PSD NB	0.0042 %
911401581051	BY718P LED250/CW PSD WB	0.0042 %
911401581151	BY718P LED250/NW PSD NB	0.0042 %
911401581251	BY718P LED250/NW PSD WB	0.0042 %
911401581351	BY718P LED300/CW PSD NB	0.0042 %
911401581451	BY718P LED300/CW PSD WB	0.0042 %
911401581551	BY718P LED300/NW PSD NB	0.0042 %
911401581651	BY718P LED300/NW PSD WB	0.0042 %

