



# A versatile highbay 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 250W, HPL 400W and HPI 400W.
- 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
- Color Rendering Index of above 80
- Wide variety of optics for a range of applications, and suitable for hook, pipe and bracket mounting

## Application

- General manufacturing
- Warehouses and logistical centers
- Hallways

## Versions

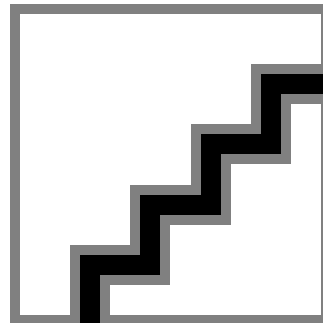
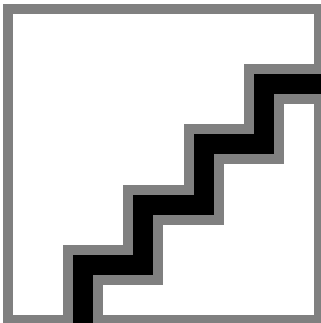


LED250 & LED300



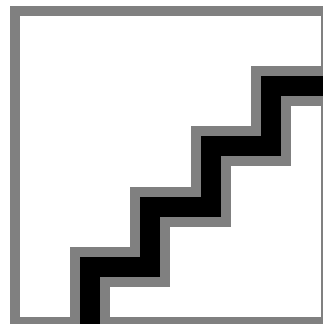
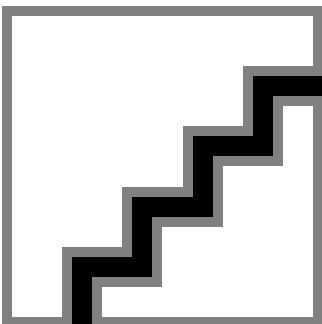
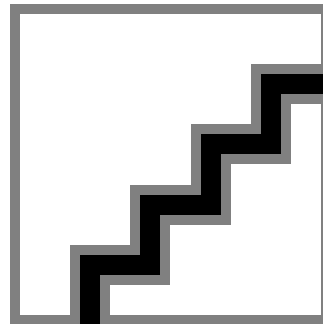
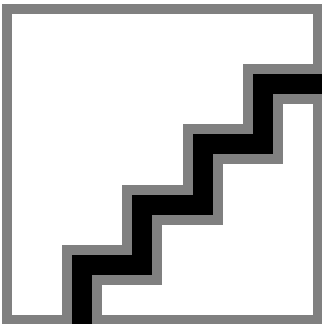
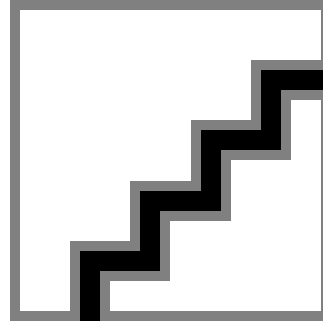
LED100

## Dimensional drawing



# GreenPerform Highbay Elite

## Dimensional drawing



# GreenPerform Highbay Elite

General Information	
Driver included	Yes
Light source replaceable	No
Light Technical	
Optic type	Symmetrical
Operating and Electrical	
Input Voltage	220 to 240 V
Temperature	
Ambient temperature range	-30 to +50 °C
Approval and Application	
CE mark	CE mark
Protection class IEC	Safety class I
ENEC mark	-
Flammability mark	For mounting on normally flammable surfaces
Glow-wire test	Temperature 650 °C, duration 30 s
Mech. impact protection code	IK08
Ingress protection code	IP65
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%
Application Conditions	
Suitable for random switching	No

## General Information

Order Code	Full Product Name	Number of gear units	Service tag
911401569251	BY718P LED200/CW PSU NB	1 unit	-
911401569351	BY718P LED200/CW PSU WB	1 unit	-
911401569451	BY718P LED200/NW PSU NB	1 unit	-
911401569551	BY718P LED200/NW PSU WB	1 unit	-
911401573651	BY718P LED200/NW PSU WB NCH	1 unit	-
911401573751	BY718P LED200/CW PSU WB NCH	1 unit	-
911401576451	BY718P LED150/CW PSU NB	1 unit	-
911401576551	BY718P LED150/CW PSU WB	1 unit	-
911401576651	BY718P LED150/NW PSU NB	1 unit	-
911401576751	BY718P LED150/NW PSU WB	1 unit	-
911401577651	BY718P LED150/CW PSU WB NCH	1 unit	-
911401577751	BY718P LED150/NW PSU WB NCH	1 unit	-
911401580951	BY718P LED250/CW PSD NB	2 units	Yes
911401581051	BY718P LED250/CW PSD WB	2 units	Yes
911401581151	BY718P LED250/NW PSD NB	2 units	Yes
911401581251	BY718P LED250/NW PSD WB	2 units	Yes
911401581351	BY718P LED300/CW PSD NB	2 units	Yes
911401581451	BY718P LED300/CW PSD WB	2 units	Yes
911401581551	BY718P LED300/NW PSD NB	2 units	Yes
911401581651	BY718P LED300/NW PSD WB	2 units	Yes
911401571851	BY718P LED100/CW PSD NB	1 unit	Yes
911401571951	BY718P LED100/CW PSD WB	1 unit	Yes
911401572051	BY718P LED100/NW PSD NB	1 unit	Yes
911401572151	BY718P LED100/NW PSD WB	1 unit	Yes
911401572251	BY718P LED200/CW PSD NB	1 unit	Yes
911401572351	BY718P LED200/CW PSD WB	1 unit	Yes
911401572451	BY718P LED200/NW PSD NB	1 unit	Yes
911401572551	BY718P LED200/NW PSD WB	1 unit	Yes
911401576851	BY718P LED250/CW PSU NB	1 unit	-
911401576951	BY718P LED250/CW PSU WB	1 unit	-
911401577051	BY718P LED250/NW PSU NB	1 unit	-
911401577151	BY718P LED250/NW PSU WB	1 unit	-
911401577251	BY718P LED300/CW PSU NB	1 unit	-
911401577351	BY718P LED300/CW PSU WB	1 unit	-
911401577451	BY718P LED300/NW PSU NB	1 unit	-
911401577551	BY718P LED300/NW PSU WB	1 unit	-
911401577851	BY718P LED250/CW PSU WB NCH	1 unit	-
911401577951	BY718P LED250/NW PSU WB NCH	1 unit	-
911401568851	BY718P LED100/CW PSU NB	1 unit	-
911401568951	BY718P LED100/CW PSU WB	1 unit	-
911401569051	BY718P LED100/NW PSU NB	1 unit	-
911401569151	BY718P LED100/NW PSU WB	1 unit	-
911401573451	BY718P LED100/NW PSU WB NCH	1 unit	-
911401573551	BY718P LED100/CW PSU WB NCH	1 unit	-
911401580551	BY718P LED150/CW PSD NB	1 unit	Yes
911401580651	BY718P LED150/CW PSD WB	1 unit	Yes
911401580751	BY718P LED150/NW PSD NB	1 unit	Yes
911401580851	BY718P LED150/NW PSD WB	1 unit	Yes

## Light Technical

## GreenPerform Highbay Elite

Order Code	Full Product Name	Optical cover/lens type
911401569251	BY718P LED200/CW PSU NB	Lens
911401569351	BY718P LED200/CW PSU WB	Lens
911401569451	BY718P LED200/NW PSU NB	Lens
911401569551	BY718P LED200/NW PSU WB	Lens
911401573651	BY718P LED200/NW PSU WB NCH	Lens
911401573751	BY718P LED200/CW PSU WB NCH	Lens
911401576451	BY718P LED150/CW PSU NB	Lens
911401576551	BY718P LED150/CW PSU WB	Lens
911401576651	BY718P LED150/NW PSU NB	Lens
911401576751	BY718P LED150/NW PSU WB	Lens
911401577651	BY718P LED150/CW PSU WB NCH	Lens
911401577751	BY718P LED150/NW PSU WB NCH	Lens
911401580951	BY718P LED250/CW PSD NB	Polycarbonate bowl/cover
911401581051	BY718P LED250/CW PSD WB	Polycarbonate bowl/cover
911401581151	BY718P LED250/NW PSD NB	Polycarbonate bowl/cover
911401581251	BY718P LED250/NW PSD WB	Polycarbonate bowl/cover
911401581351	BY718P LED300/CW PSD NB	Polycarbonate bowl/cover
911401581451	BY718P LED300/CW PSD WB	Polycarbonate bowl/cover
911401581551	BY718P LED300/NW PSD NB	Polycarbonate bowl/cover
911401581651	BY718P LED300/NW PSD WB	Polycarbonate bowl/cover
911401571851	BY718P LED100/CW PSD NB	Polycarbonate bowl/cover
911401571951	BY718P LED100/CW PSD WB	Polycarbonate bowl/cover
911401572051	BY718P LED100/NW PSD NB	Polycarbonate bowl/cover
911401572151	BY718P LED100/NW PSD WB	Polycarbonate bowl/cover

Order Code	Full Product Name	Optical cover/lens type
911401572251	BY718P LED200/CW PSD NB	Polycarbonate bowl/cover
911401572351	BY718P LED200/CW PSD WB	Polycarbonate bowl/cover
911401572451	BY718P LED200/NW PSD NB	Polycarbonate bowl/cover
911401572551	BY718P LED200/NW PSD WB	Polycarbonate bowl/cover
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
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
911401577851	BY718P LED250/CW PSU WB NCH	Lens
911401577951	BY718P LED250/NW PSU WB NCH	Lens
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
911401573451	BY718P LED100/NW PSU WB NCH	Lens
911401573551	BY718P LED100/CW PSU WB NCH	Lens
911401580551	BY718P LED150/CW PSD NB	Polycarbonate bowl/cover
911401580651	BY718P LED150/CW PSD WB	Polycarbonate bowl/cover
911401580751	BY718P LED150/NW PSD NB	Polycarbonate bowl/cover
911401580851	BY718P LED150/NW PSD WB	Polycarbonate bowl/cover

### Controls and Dimming

Order Code	Full Product Name	Dimmable
911401569251	BY718P LED200/CW PSU NB	No
911401569351	BY718P LED200/CW PSU WB	No
911401569451	BY718P LED200/NW PSU NB	No
911401569551	BY718P LED200/NW PSU WB	No
911401573651	BY718P LED200/NW PSU WB NCH	No
911401573751	BY718P LED200/CW PSU WB NCH	No
911401576451	BY718P LED150/CW PSU NB	No
911401576551	BY718P LED150/CW PSU WB	No
911401576651	BY718P LED150/NW PSU NB	No
911401576751	BY718P LED150/NW PSU WB	No
911401577651	BY718P LED150/CW PSU WB NCH	No
911401577751	BY718P LED150/NW PSU WB NCH	No
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
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

Order Code	Full Product Name	Dimmable
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
911401577451	BY718P LED300/NW PSU NB	No
911401577551	BY718P LED300/NW PSU WB	No
911401577851	BY718P LED250/CW PSU WB NCH	No
911401577951	BY718P LED250/NW PSU WB NCH	No
911401568851	BY718P LED100/CW PSU NB	No
911401568951	BY718P LED100/CW PSU WB	No
911401569051	BY718P LED100/NW PSU NB	No
911401569151	BY718P LED100/NW PSU WB	No
911401573451	BY718P LED100/NW PSU WB NCH	No
911401573551	BY718P LED100/CW PSU WB NCH	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

## Over Time Performance (IEC Compliant)

Order Code	Full Product Name	Driver failure rate at 5000 h
911401569251	BY718P LED200/CW PSU NB	-
911401569351	BY718P LED200/CW PSU WB	-
911401569451	BY718P LED200/NW PSU NB	-
911401569551	BY718P LED200/NW PSU WB	-
911401573651	BY718P LED200/NW PSU WB NCH	-
911401573751	BY718P LED200/CW PSU WB NCH	-
911401576451	BY718P LED150/CW PSU NB	-
911401576551	BY718P LED150/CW PSU WB	-
911401576651	BY718P LED150/NW PSU NB	-
911401576751	BY718P LED150/NW PSU WB	-
911401577651	BY718P LED150/CW PSU WB NCH	-
911401577751	BY718P LED150/NW PSU WB NCH	-
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 %
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 %

Order Code	Full Product Name	Driver failure rate at 5000 h
911401572251	BY718P LED200/CW PSD NB	0.0021 %
911401572351	BY718P LED200/CW PSD WB	0.0021 %
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	-
911401577851	BY718P LED250/CW PSU WB NCH	-
911401577951	BY718P LED250/NW PSU WB NCH	-
911401568851	BY718P LED100/CW PSU NB	-
911401568951	BY718P LED100/CW PSU WB	-
911401569051	BY718P LED100/NW PSU NB	-
911401569151	BY718P LED100/NW PSU WB	-
911401573451	BY718P LED100/NW PSU WB NCH	-
911401573551	BY718P LED100/CW PSU WB NCH	-
911401580551	BY718P LED150/CW PSD NB	0.0021 %
911401580651	BY718P LED150/CW PSD WB	0.0021 %
911401580751	BY718P LED150/NW PSD NB	0.0021 %
911401580851	BY718P LED150/NW PSD WB	0.0021 %

## Application Conditions

Order Code	Full Product Name	Maximum dim level
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
911401573651	BY718P LED200/NW PSU WB NCH	Not applicable
911401573751	BY718P LED200/CW PSU WB NCH	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
911401577651	BY718P LED150/CW PSU WB NCH	Not applicable
911401577751	BY718P LED150/NW PSU WB NCH	Not applicable
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%
911401571851	BY718P LED100/CW PSD NB	1%
911401571951	BY718P LED100/CW PSD WB	1%

Order Code	Full Product Name	Maximum dim level
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
911401577851	BY718P LED250/CW PSU WB NCH	Not applicable
911401577951	BY718P LED250/NW PSU WB NCH	Not applicable
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
911401573451	BY718P LED100/NW PSU WB NCH	Not applicable
911401573551	BY718P LED100/CW PSU WB NCH	Not applicable

## GreenPerform Highbay Elite

Order Code	Full Product Name	Maximum dim level
911401580551	BY718P LED150/CW PSD NB	1%
911401580651	BY718P LED150/CW PSD WB	1%

Order Code	Full Product Name	Maximum dim level
911401580751	BY718P LED150/NW PSD NB	1%
911401580851	BY718P LED150/NW PSD WB	1%

