



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

Specifications

Mounting type	Suspended
	Pipe
	Surface
Operating Temperature range	-30 to +50 °C (45 °C)
Light Source	LED
Mains Voltage	220-240V / 50-60Hz
Mains connection	Flying cable
Mechanical Accessories	Mounting bracket
Dimming	PSU: non-dimmable
	PSD: Dimmable via Dali-broadcasting
	Connected: Wireless control, compatible with SNHR210 sensor
Control system input	DALI / Wireless
Integrated sensors	SNHR210
Material	Housing: die-cast aluminum
Main color of the luminaire	RAL7012
Flicker / Pst / SVM	PSU: <15%
	PSD: <4%
	Connected: <4%

Luminous flux	10klm-36klm
Power consumption	68W - 257W
Luminaire efficacy	Up to 160lm/W
Correlated color temperature - CCT	4000K
Color Rendering index - CRI	6500K
Beam angle	WB: 90° ± 5°
	NB: 55° ± 5°
Optical cover/lens material	PC
Optical cover/lens finish	Clear
Protection Class	Class I
IEC61140	
Mechanical impact protection	IK08
Ingress protection	IP65
Driver replaceable	Yes

Versions

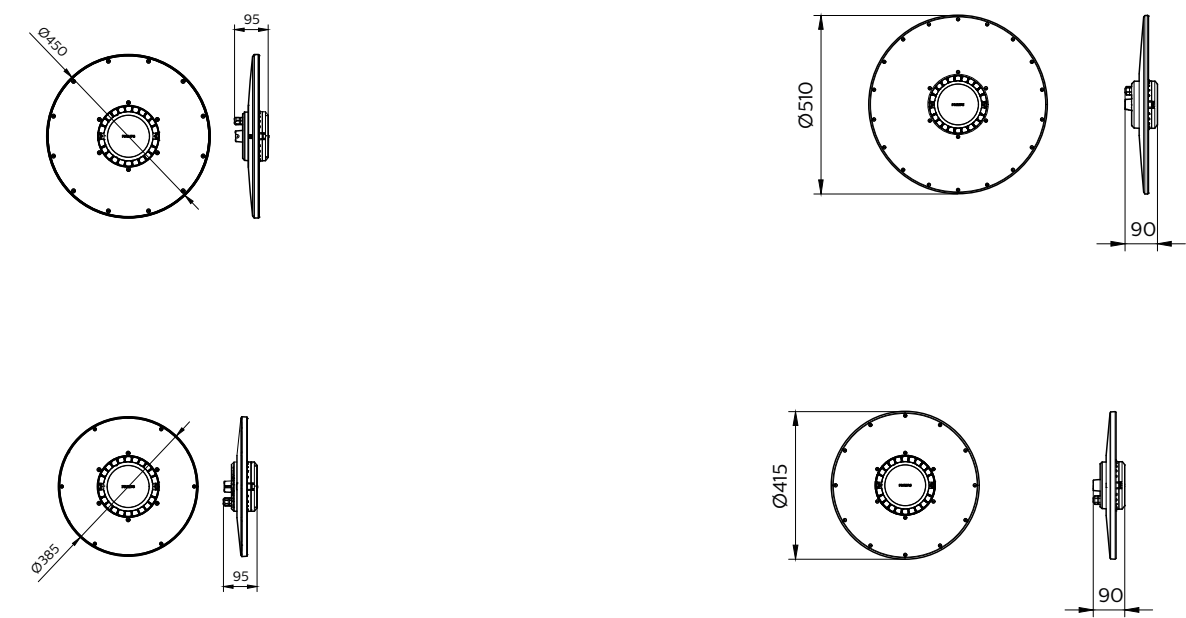


PHILIPS 0390



PHILIPS 0422

Dimensional drawing



General Information	
CE mark	CE mark
Driver included	Yes
ENEC mark	-
Flammability mark	For mounting on normally flammable surfaces
Glow-wire test	Temperature 650 °C, duration 30 s
Light source replaceable	No
Number of gear units	1 unit
Light Technical	
Optical cover type	Lens
Color rendering index (CRI)	>80
Optic type	Symmetrical
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Temperature	
Ambient temperature range	-30 to +50 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Housing Color	Gray
Approval and Application	
Protection class IEC	Safety class I
Mech. impact protection code	IK08
Ingress protection code	IP65
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%
Application Conditions	
Maximum dim level	Not applicable
Suitable for random switching	No

Light Technical

Order Code	Full Product Name	Correlated Color	Luminous Efficacy	
		Temperature (Nom)	(rated) (Nom)	Luminous Flux
911401569251	BY718P LED200/CW PSU NB	6500 K	159 lm/W	21,500 lm
911401576451	BY718P LED150/CW PSU NB	6500 K	160 lm/W	16,300 lm
911401576551	BY718P LED150/CW PSU WB	6500 K	160 lm/W	16,300 lm
911401576651	BY718P LED150/NW PSU NB	4000 K	160 lm/W	16,300 lm
911401576851	BY718P LED250/CW PSU NB	6500 K	160 lm/W	27,000 lm
911401577051	BY718P LED250/NW PSU NB	4000 K	160 lm/W	27,000 lm
911401577151	BY718P LED250/NW PSU WB	4000 K	160 lm/W	27,000 lm
911401577251	BY718P LED300/CW PSU NB	6500 K	160 lm/W	32,500 lm
911401577351	BY718P LED300/CW PSU WB	6500 K	160 lm/W	32,500 lm
911401577451	BY718P LED300/NW PSU NB	4000 K	160 lm/W	32,500 lm
911401577551	BY718P LED300/NW PSU WB	4000 K	160 lm/W	32,500 lm
911401568851	BY718P LED100/CW PSU NB	6500 K	159 lm/W	10,800 lm
911401568951	BY718P LED100/CW PSU WB	6500 K	159 lm/W	10,800 lm
911401569051	BY718P LED100/NW PSU NB	4000 K	159 lm/W	10,800 lm
911401569151	BY718P LED100/NW PSU WB	4000 K	159 lm/W	10,800 lm

Operating and Electrical

Order Code	Full Product Name	Power Consumption
911401569251	BY718P LED200/CW PSU NB	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
911401576851	BY718P LED250/CW PSU NB	169 W
911401577051	BY718P LED250/NW PSU NB	169 W
911401577151	BY718P LED250/NW PSU WB	169 W

Order Code	Full Product Name	Power Consumption
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
911401568851	BY718P LED100/CW PSU NB	68 W
911401568951	BY718P LED100/CW PSU WB	68 W
911401569051	BY718P LED100/NW PSU NB	68 W

GreenPerform Highbay Elite

Order Code	Full Product Name	Power Consumption
911401569151	BY718P LED100/NW PSU WB	68 W

