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LEDVANCE

LED PERFORMANCE HIGHBAY



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The LEDVANCE LED PERFORMANCE HIGH BAY is a reliable and high efficiency LED High bay fitting with aluminium die-cast housing for both industry and commercial applications. It provides a performance LED alternative to traditional High bays. The range is available in 2 housing sizes for 4 different wattages to meet the majority of application requirements. The motion sensor compatibility offers additional energy saving. It's an ideal solution for either retrofit or new construction

High ingress protection rating

IP65 Full protection against dust and high-pressure spray.

Applications

Due to the high ingress protection this highbay is ideal for installation in common Industry and commercial lighting applications, warehouses lighting application and Public spaces (airport, station and indoor stadium)

High performance

High efficacy with 140lm/W offering substantial cost reduction thanks to LED technology.

Robust and durable

IK08 protected against 1 joules of impact (the of a 0.25kg mass dropped from 400mm above the impacted surface)

Lifetime

Long lifetime of up to 50,000 hrs implying over 12 years of use, if switched on for 8 hours a day. All LEDVANCE Highbays come with 5-year warranty as standard or 50,000hrs

Motion sensor

Compatible with Ledvance Highbay motion sensor and remote control (sold separately)



PRODUCT AESTHETICS

- IP65 water and dust proof IK08 vandal-protected
- Aluminum die-cast housing, UV resistant high efficacy PC lens
- Pre-wired with 1.5m flex and plug
- NEMA socket in centre for sensor compatibility

Key Sellers

Wattage	120W	150W	200W
Model	LDVHBPRO120WFP865	LDVHBPRO150WFP865	LDVHBPRO200WFP865
Lumens	16800	21000	28000
Lm/W	140	140	140
CCT	6500K	6500K	6500K

AVAILABLE SIZES



90W & 110W
D280mm x H110.2mm



150W
D321mm x H107.2mm

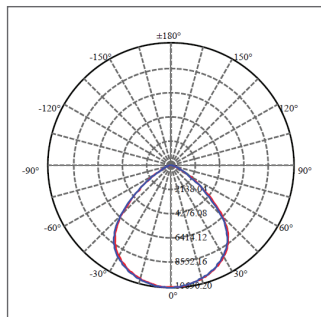


200W
D321mm x H121.3mm

TECHNICAL INFORMATION

Photometrics

(Example of LDVHBPRO150W865)



High protection rating

IP65 and IK08 fittings

Applications

Commercial applications such as warehouses, factories and public areas.

Dimmable

1-10V dimming capability

High performance

Up to 140lm/W with a 5-year warranty

Lifetime

50,000hrs lifetime reduces maintenance costs

Robust design

Die-casting aluminium offers a heavy-duty housing and high efficacy heat-dissipation

IP65

IK08

50000h

Wattage	90W	120W	150W	200W
Key Model	LDVHBPRO90WFP865	LDVHBPRO120WFP865	LDVHBPRO150WFP865	LDVHBPRO200WFP865
Lumens	12600	16800	21000	28000
Lm/W	140	140	140	140
CCT	6500K	6500K	6500K	6500K
IP	65	65	65	65
IK	08	08	08	08
CRI	80	80	80	80
Lifetime (L70 B50 @ 35°C)	50000	50000	50000	50000
Operating temperature	...-30C to +50°C	...-30C to +50°C	...-30C to +50°C	...-30C to +50°C
Beam angle	90°	90°	90°	70°
Diameter	280.5	280.5	321	321
Height	110.2	110.2	107.2	121.25
Weight	2050g	2050g	2300g	2900g
Finish	Black	Black	Black	Black
PF	0.9	0.9	0.9	0.9
Dimmable	1-10V	1-10V	1-10V	1-10V
Housing Material	Die cast aluminium	Die cast aluminium	Die cast aluminium	Die cast aluminium
Warranty	5 Years	5 Years	5 Years	5 Years

MICROSENSOR BENEFITS

- Installation height up to 15m
- Built in programable daylight sensor
- 3-Step dimming level for standby lighting mode
- Programable hold time
- More programable settings with PIR remote control

ACCESSORIES

LEDVANCE LED PERFORMANCE HIGHBAY MOTION SENSOR

The LEDVANCE LED PEFORMANCE HIGHBAY MOTION SENSOR is an all-in-one sensor solution. It's built in daylight sensor and multiple step dimming levels save energy in any warehouse application

Technology Type	Microwave
Power	<0.5w
Operating Frequency	5.8GHz
Transmitting Power	<1mW
Installation Height:	≤15m
Detection movement	>0.5m/s
Detection area (Range)	10m/16m
Setting mode	Dip switch
Hold time adjustment	30s/1min/5min/10min
Daylight adjustment	Off/100 lux
Standby Dim level	10%/30%/OFF
Standby Dim level	10%/30%/OFF



LEDVANCE LED PEFORMANCE HIGHBAY REMOTE CONTROL

Program and control all your LED PERFORMANCE SENSOR HIGHBAYS with just one remote control allowing more configurations and labour savings

Power	AAA battery
Operating Frequency	5.8GHz
Detection area(R)	4m(25%)/8m(50%)/12m(75%)/16m(100%)
Setting mode	Remote control
Hold time adjustment	5s/30s/1min/5min/10min/20min/30min/1h
Stand-by setting	10s/30s/1min/5min/10min/30min/+∞
Daylight adjustment	2/10/30/50/100/200lux/Disable
Standby Dim level	10%/20%/30%/50%
Memory mode	Yes
Apply mode	Yes



ORDERING INFORMATION



Product name	EAN40	Model Number	Wattage	Lumens	CCT	IP	IK	CRI	Lifetime (L70)	lm/W	Beam Angle	Diameter (mm)	Height (mm)	Weight (g)	Material (housing)	Material (front)	Power Factor	Warranty
LDPFM HB SC 90W 840 277V VS1 AU LEDV	4058075464643	LDVHBPRO90WFP840	90	12600	4000	65	08	80	50000	140	90°	280.5	110.2	2050	Die cast aluminium	PC	0.9	5 years
LDPFM HB SC 90W 865 277V VS1 AU LEDV	4058075464568	LDVHBPRO90WFP865	90	12600	6500	65	08	80	50000	140	90°	280.5	110.2	2050	Die cast aluminium	PC	0.9	5 years
LDPFM HB SC 120W 840 277V VS1 AU LEDV	4058075464650	LDVHBPRO120WFP840	120	16800	4000	65	08	80	50000	140	90°	280.5	110.2	2050	Die cast aluminium	PC	0.9	5 years
LDPFM HB SC 120W 865 277V VS1 AU LEDV	4058075464575	LDVHBPRO120WFP865	120	16800	6500	65	08	80	50000	140	90°	280.5	110.2	2050	Die cast aluminium	PC	0.9	5 years
LDPFM HB SC 150W 840 277V VS1 AU LEDV	4058075464650	LDVHBPRO150WFP840	150	21000	4000	65	08	80	50000	140	90°	321	107.2	2300	Die cast aluminium	PC	0.9	5 years
LDPFM HB SC 150W 865 277V VS1 AU LEDV	4058075464629	LDVHBPRO150WFP865	150	21000	6500	65	08	80	50000	140	90°	321	107.2	2300	Die cast aluminium	PC	0.9	5 years
LDPFM HB SC 200W 840 277V VS1 AU LEDV	4058075464674	LDVHBPRO200WFP840	200	28000	4000	65	08	80	50000	140	70°	321	121.25	2900	Die cast aluminium	PC	0.9	5 years
LDPFM HB SC 200W 865 277V VS1 AU LEDV	4058075464636	LDVHBPRO200WFP865	200	28000	6500	65	08	80	50000	140	70°	321	121.25	2900	Die cast aluminium	PC	0.9	5 years

ACCESSORIES

Product name	EAN10	Model Number	Type	Warranty
LDPFM HBMS 60X1 EN LEDV	4058075464728	LDVHBSSENSOR	Sensor	5 years
LDPFM HBRC 60X1 EN LEDV	4058075464742	LDVHBRC	Remote control	5 years
LDPFMHBBRACKETKIT90/120W/150W/10X1ENLEDV	4058075443136	LDVHBBKT90150W	Surface mount bracket 90-150W	5 years
LDPFM HB BRACKET KIT 200W 10X1 EN LEDV	4058075443150	LDVHBBKT200W	Surface mount bracket 200W	5 years

ABOUT LEDVANCE

With offices in more than 50 countries and business activities in more than 140 countries, LEDVANCE is one of the world's leading general lighting providers for professional users and end consumers. Having emerged from the general lighting business of OSRAM GmbH, LEDVANCE offers a wide-ranging assortment of LED luminaires for a broad spectrum of application areas, intelligent lighting products for Smart Homes and Buildings, one of the largest LED lamps portfolios in the industry as well as traditional light sources.



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