PHILIPS

Lighting



eW Blast Powercore gen4

eW Blast Powercore gen4, 2700 K, 100 – 277 VAC, 6° Native (no spread lens), Gray housing

eW Blast Powercore gen4, 2700 K, 100 – 277 VAC, 6° Native (no spread lens), Gray housing

eW Blast Powercore gen4 high-performance LED luminaires provide a high-intensity wash of white light with simplified installation. eW Blast Powercore gen4 offers a range of accessories that allow for customizable beam angles for floodlighting, spotlighting, wall washing, and grazing, along with the efficiency and cost-effectiveness of Powercore technology in a rugged die-cast aluminium housing.

Product data

General information	
Lamp family code	LED-HB [LED High Brightness]
Light source color	White
Light source replaceable	No
Number of gear units	1 unit
Driver/power unit/transformer	Power supply unit with DMX interface
Optical cover/lens type	Clear flat
Luminaire light beam spread	6°
Protection class IEC	Safety class I
CE mark	CE mark
UL mark	UL and cUL mark
Lifetime to 50% luminous flux	100000 h
Lifetime to 70% luminous flux	84000 h
Lifetime to 90% luminous flux	28000 h

Optic type outdoor	Narrow beam angle 6°
Constant light output	Yes
Accessory PFC	ZCP485

Operating and electrical	
Input Voltage	100 to 277 V
Input Frequency	50 to 60 Hz
Power Factor (Nom)	0.9

Controls and dimming	
Dimmable	Yes

Mechanical and housing	
Housing Material	Aluminum die cast

eW Blast Powercore gen4

Optic material	Glass
Optical cover/lens material	Tempered glass
Fixation material	Aluminum
Mounting device	Baseplate
Optical cover/lens shape	Flat
Optical cover/lens finish	Clear
Color	Gray

Approval and application

Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Energy Efficiency Class	G
Mech. impact protection code	IK10 [20 J vandal-resistant]
Vibration Standard	Complies with ANSI C136.31, 3G
Corrosion Resistance	Complies with ASTM B117 standard for > 1,500 hours
FCC mark	FCC Class B
Vibration Rating	Complies with ANSI C136.31, 3G
EPREL Registration Number	915340

Initial performance (IEC compliant)

Init. Corr. Color Temperature	2700 K
Initial input power	50 W

Over time performance (IEC compliant)

Lumen Maintenance 50% at 25°C Calculated	100000
Lumen Maintenance 50% at 25°C Reported	51000
Lumen Maintenance 50% at 50°C Calculated	100000
Lumen Maintenance 50% at 50°C Reported	51000
Lumen Maintenance 70% at 25°C Calculated	84000
Lumen Maintenance 70% at 25°C Reported	51000
Lumen Maintenance 70% at 50°C Calculated	83000
Lumen Maintenance 70% at 50°C Reported	51000
Lumen Maintenance 90% at 25°C Calculated	28000
Lumen Maintenance 90% at 25°C Reported	28000
Lumen Maintenance 90% at 50°C Calculated	27000
Lumen Maintenance 90% at 50°C Reported	28000

Application conditions

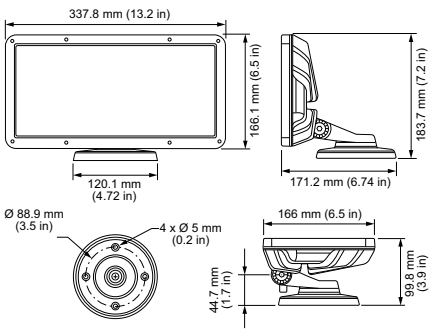
Ambient temperature range	-40 to +50 °C

Product data

Full product code	871829139295899
Order product name	BCP481 36xLED-HB/2700K 100-277V GY
EAN/UPC - Product	8718291392958
Order code	523-000100-08
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	2
Material Nr. (12NC)	912400134977
Net Weight (Piece)	4.146 kg
Catalog Number	523-000100-08
Catalog Number Description	eW Blast Powercore gen4, 2700 K, 100 – 277 VAC, 6° Native (no spread lens), Gray housing

IP66

Dimensional drawing



BCP481 36xLED-HB/2700K 100-277V GY

eW Blast Powercore gen4

© 2022 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. All trademarks are owned by Signify Holding or their respective owners.

www.lighting.philips.com
2022, September 15 - data subject to change