



eW Blast Powercore gen4

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

eW Blast Powercore gen4, 2700 K, 100 – 277 VAC, 6° Native (no spread lens), Black 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 customisable beam angles for floodlighting, spotlighting, wall washing and grazing, along with the efficiency and cost-effectiveness of Powercore technology in a rugged die-cast aluminum housing.

Product data

General information	
Lamp family code	LED-HB [LED High Brightness]
Light source colour	White
Light source replaceable	No
Number of gear units	1 unit
Driver/power unit/transformer	PSDMX [Power supply unit with DMX
	interface]
Optical cover/lens type	CLFT [Clear flat]
Luminaire light beam spread	6°
Protection class IEC	Safety class I (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

Datasheet, 2022, September 15 data subject to change

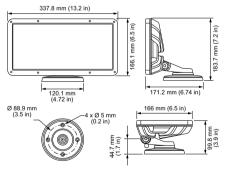
eW Blast Powercore gen4

Mechanical and housing		
Optical cover/lens material Optical cover/lens material Fixation material Mounting device Optical cover/lens shape Optical cover/lens finish Clear Colour Black 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 Vibration rating Complies with ANSI C136.31, 3G 915338 Initial performance (IEC compliant) Init. Corr. Colour Temperature 2700 K Initial input power 50 W	Mechanical and housing	
Optical cover/lens material Fixation material Aluminium Mounting device Baseplate Optical cover/lens shape Flat Optical cover/lens finish Clear Colour Black 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 Vibration rating Complies with ANSI C136.31, 3G 915338 Initial performance (IEC compliant) Init. Corr. Colour Temperature 2700 K Initial input power 50 W	Housing material	Aluminum die-cast
Fixation material Aluminium Mounting device Baseplate Optical cover/lens shape Flat Optical cover/lens finish Clear Colour Black 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 Vibration rating Complies with ANSI C136.31, 3G 915338 Initial performance (IEC compliant) Init. Corr. Colour Temperature 2700 K Initial input power 50 W	Optic material	Glass
Mounting device Optical cover/lens shape Optical cover/lens finish Clear Colour Black 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 Vibration rating Complies with ANSI C136.31, 3G 915338 Initial performance (IEC compliant) Init. Corr. Colour Temperature 2700 K Initial input power 50 W	Optical cover/lens material	Tempered glass
Optical cover/lens shape Optical cover/lens finish Clear Colour Black Approval and application Ingress protection code IP66 [Dust penetration-protected, jet-proof] Energy Efficiency Class Mech. impact protection code IK10 [20 J vandal-resistant] Vibration standard Complies with ANSI C136.31, 3G Vibration rating Complies with ANSI C136.31, 3G 915338 Initial performance (IEC compliant) Init. Corr. Colour Temperature 2700 K Initial input power 50 W	Fixation material	Aluminium
Optical cover/lens finish Colour Black 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 Vibration rating Complies with ANSI C136.31, 3G 915338 Initial performance (IEC compliant) Init. Corr. Colour Temperature 2700 K Initial input power 50 W	Mounting device	Baseplate
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 Vibration rating Complies with ANSI C136.31, 3G 915338 Initial performance (IEC compliant) Init. Corr. Colour Temperature 2700 K Initial input power 50 W	Optical cover/lens shape	Flat
Approval and application Ingress protection code IP66 [Dust penetration-protected, jet-proof] Energy Efficiency Class Mech. impact protection code IK10 [20 J vandal-resistant] Vibration standard Complies with ANSI C136.31, 3G Vibration rating Complies with ANSI C136.31, 3G 915338 Initial performance (IEC compliant) Init. Corr. Colour Temperature 2700 K Initial input power 50 W	Optical cover/lens finish	Clear
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 Vibration rating Complies with ANSI C136.31, 3G 915338 Initial performance (IEC compliant) Init. Corr. Colour Temperature 2700 K Initial input power 50 W	Colour	Black
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 Vibration rating Complies with ANSI C136.31, 3G 915338 Initial performance (IEC compliant) Init. Corr. Colour Temperature 2700 K Initial input power 50 W		
proof] Energy Efficiency Class G Mech. impact protection code IK10 [20 J vandal-resistant] Vibration standard Complies with ANSI C136.31, 3G Vibration rating Complies with ANSI C136.31, 3G 915338 Initial performance (IEC compliant) Init. Corr. Colour Temperature 2700 K Initial input power 50 W	Approval and application	
Energy Efficiency Class Mech. impact protection code IK10 [20 J vandal-resistant] Vibration standard Complies with ANSI C136.31, 3G Vibration rating Complies with ANSI C136.31, 3G 915338 Initial performance (IEC compliant) Init. Corr. Colour Temperature 2700 K Initial input power 50 W	Ingress protection code	IP66 [Dust penetration-protected, jet-
Mech. impact protection code IK10 [20 J vandal-resistant] Vibration standard Complies with ANSI C136.31, 3G Vibration rating Complies with ANSI C136.31, 3G 915338 Initial performance (IEC compliant) Init. Corr. Colour Temperature 2700 K Initial input power 50 W		proof]
Vibration standard Complies with ANSI C136.31, 3G Vibration rating Complies with ANSI C136.31, 3G 915338 Initial performance (IEC compliant) Init. Corr. Colour Temperature 2700 K Initial input power 50 W	Energy Efficiency Class	G
Vibration rating Complies with ANSI C136.31, 3G 915338 Initial performance (IEC compliant) Init. Corr. Colour Temperature 2700 K Initial input power 50 W	Mech. impact protection code	IK10 [20 J vandal-resistant]
Initial performance (IEC compliant) Init. Corr. Colour Temperature 2700 K Initial input power 50 W	Vibration standard	Complies with ANSI C136.31, 3G
Initial performance (IEC compliant) Init. Corr. Colour Temperature 2700 K Initial input power 50 W	Vibration rating	Complies with ANSI C136.31, 3G
Init. Corr. Colour Temperature 2700 K Initial input power 50 W		915338
Init. Corr. Colour Temperature 2700 K Initial input power 50 W		
Initial input power 50 W	Initial performance (IEC compliant)	
	Init. Corr. Colour Temperature	2700 K
Over time nevfermence (IEC compliant)	Initial input power	50 W
Over time performance (IEC compliant)		
Over time performance (IEC compliant)		
Lumen Maintenance 50% at 25 °C Calculated 100000	Lumen Maintenance 50% at 25 °C Calculated	100000
Lumen Maintenance 50% at 25 °C Reported 51000	Lumen Maintenance 50% at 25 °C Reported	51000
Lumen Maintenance 50% at 50 °C Calculated 100000	Lumen Maintenance 50% at 50 °C Calculated	100000
Lumen Maintenance 50% at 50 °C Reported 51000	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	871829139288099
Order product name	BCP481 36xLED-HB/2700K 100-277V BK
EAN/UPC – product	8718291392880
Order code	523-000100-01
SAP numerator – quantity per pack	1
Numerator – packs per outer box	2
SAP material	912400134973
Net Weight (Piece)	4.146 kg
Commercial Code	523-000100-01
Catalogue number description	eW Blast Powercore gen4, 2700 K, 100 –
	277 VAC, 6° Native (no spread lens), Black
	housing



Dimensional drawing



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

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.