



# 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,  $6^{\circ}$  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 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
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

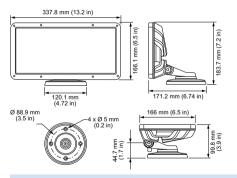
# eW Blast Powercore gen4

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  Grey  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  915340  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 Grey  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 915340  Initial performance (IEC compliant) Init. Corr. Colour Temperature 2700 K Initial input power 50 W	Housing material	Aluminium die-cast	
Fixation material Aluminium  Mounting device Baseplate  Optical cover/lens shape Flat  Optical cover/lens finish Clear  Colour Grey  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  915340  Initial performance (IEC compliant)  Init. Corr. Colour Temperature 2700 K  Initial input power 50 W	Optic material	Glass	
Mounting device  Optical cover/lens shape  Flat  Optical cover/lens finish  Clear  Colour  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  915340  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  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  915340  Initial performance (IEC compliant)  Init. Corr. Colour Temperature  2700 K  Initial input power  50 W	Fixation material	Aluminium	
Optical cover/lens finish  Colour  Grey  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  915340  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 915340  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  915340  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  915340  Initial performance (IEC compliant)  Init. Corr. Colour Temperature  2700 K  Initial input power  50 W	Colour	Grey	
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  915340  Initial performance (IEC compliant)  Init. Corr. Colour Temperature  2700 K  Initial input power  50 W			
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 915340  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  915340  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  915340  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 915340  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  915340  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		915340	
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 performance (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	871829139295899
Order product name	BCP481 36xLED-HB/2700K 100-277V GY
EAN/UPC – product	8718291392958
Order code	523-000100-08
SAP numerator – quantity per pack	1
Numerator – packs per outer box	2
SAP material	912400134977
Net Weight (Piece)	4.146 kg
Commercial Code	523-000100-08
Catalogue number description	eW Blast Powercore gen4, 2700 K, 100 –
	277 VAC, 6° Native (no spread lens), Gray
	housing



### Dimensional drawing



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

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