ColorBlast IntelliHue Powercore gen4

ColorBlast IntelliHue Powercore gen4, 100 – 277 VAC, 10° Native (no spread lens), Gray Housing, UL/CE/CQC

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ColorBlast IntelliHue Powercore gen4 combines precision color control with high-quality tunable white light in one outdoor luminaire for wall-washing and spotlighting applications. IntelliHue, an advanced approach to color control and mixing, produces an enhanced spectrum of precisely controllable light, including millions of saturated colors, pastels, and precisely controllable, high-quality white and tinted white light. By combining carefully selected channels of LED light sources, IntelliHue enables high-quality intelligent color and white light from the same fixture. The fixture's completely flat front lens creates a minimalist, clean design and prevents any water pooling or debris accumulation, so the light is never interrupted. There is a full set of accessories that can be used in combination or alone, including a full-height glare shield, half-glare shield, louver, rock guard, and diffusers to alter the beam from 10° up to 80°.

Product data

General information	
Beam angle of light source	10 °
Light source colour	IntelliHue
Light source replaceable	No
Number of gear units	1 unit
Driver/power unit/transformer	No [-]

Driver included	Yes
Optical cover/lens type	GT [Tempered glass]
Luminaire light beam spread	10°
Cable	Cable 1.8 m without plug
Protection class IEC	Safety class I
CE mark	CE mark

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ENEC mark	ENEC mark
UL mark	UL and cUL mark
Optic type outdoor	Narrow beam angle 10°
Constant light output	No
WEEE mark	-
Accessory PFC	ZCP485

Light technical

CRI @ 4,000 K	86.2

Operating and electrical

Input Voltage	100 to 277 V
Input frequency	50 to 60 Hz
Power factor (nom.)	-

Controls and dimming

Dimmable	Yes

Mechanical and housing

Housing material	Aluminium die–cast
Optic material	Glass
Optical cover/lens material	Tempered glass
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
	887767

Initial performance (IEC compliant)

Initial luminous flux (system flux)	2434 lm
Initial LED luminaire efficacy	50.8 lm/W
Init. Colour rendering index	80
Initial input power	50 W

Over time performance (IEC compliant)

Lumen Maintenance 50% at 25 °C Calculated	90300
Lumen Maintenance 50% at 25 °C Reported	54000
Lumen Maintenance 50% at 50 °C Calculated	90300
Lumen Maintenance 50% at 50 °C Reported	54000
Lumen Maintenance 70% at 25 °C Calculated	46100
Lumen Maintenance 70% at 25 °C Reported	46100
Lumen Maintenance 70% at 50 °C Calculated	46100
Lumen Maintenance 70% at 50 °C Reported	46100
Lumen Maintenance 80% at 25 °C Calculated	28600
Lumen Maintenance 80% at 25 °C Reported	28600
Lumen Maintenance 80% at 50 °C Calculated	28600
Lumen Maintenance 80% at 50 °C Reported	28600
Lumen Maintenance 90% at 25 °C Calculated	13100
Lumen Maintenance 90% at 25 °C Reported	13100
Lumen Maintenance 90% at 50 °C Calculated	13100
Lumen Maintenance 90% at 50 °C Reported	13100

Application conditions

Ambient temperature range	-40 to +50 °C

Product data

Full product code	871829138839599
Order product name	BCP483 36xLED-HB/RGBMW 100-277V 10 GR
EAN/UPC – product	8718291388395
Order code	423-000011-04
SAP numerator – quantity per pack	1
Numerator – packs per outer box	2
SAP material	912400133545
Net Weight (Piece)	4.146 kg
Commercial Code	423-000011-04
Catalogue number description	ColorBlast IntelliHue Powercore gen4, 100 – 277 VAC, 10° Native (no spread lens), Gray Housing, UL/CE/CQC

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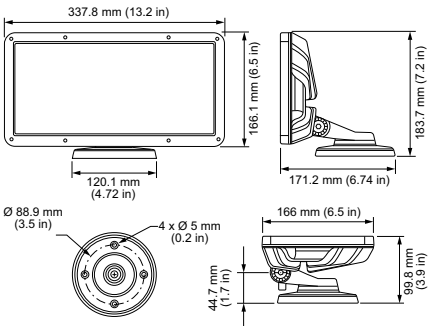
Dimensional drawing



BCP483 36xLED-HB/RGBMW 100-277V 10 GR

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