



ColorBlast IntelliHue Powercore gen4

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

IntelliHue - Narrow beam angle 10° - Black

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		CE mark	CE mark
Beam angle of light source	10 °	ENEC mark	ENEC mark
Light source color	IntelliHue	UL mark	UL and cUL mark
Light source replaceable	No	Optic type outdoor	Narrow beam angle 10°
Number of gear units	1 unit	Constant light output	No
Driver/power unit/transformer	No [-]	WEEE mark	-
Driver included	Yes	Accessory PFC	ZCP485
Optical cover/lens type	GT [Tempered glass]	Operating and Electrical	
Luminaire light beam spread	10°	Input Voltage	100 to 277 V
Cable	Cable 1.8 m without plug	Input Frequency	50 to 60 Hz
Protection class IEC	Safety class I (I)		

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Power Factor (Nom)	0.99 @ 120 VAC, 0.88 @ 277 VAC
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Controls and Dimming

Dimmable	Yes
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Mechanical and Housing

Housing Material	Aluminum die-cast
Optic material	Glass
Optical cover/lens material	Tempered glass
Optical cover/lens shape	Flat
Optical cover/lens finish	Clear

Approval and Application

Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. Impact protection code	IK10 [20 J vandal-resistant]

Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	2434 lm
Initial LED luminaire efficacy	50.8 lm/W
Init. Corr. Color Temperature	2700 to 4000 K
Init. Color 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

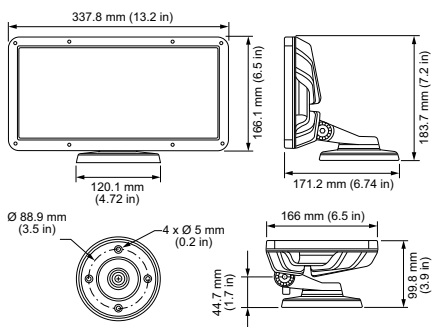
Application Conditions

Ambient temperature range	-40 to +122 °F
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Product Data

Full product code	871829138836499
Order product name	BCP483 36xLED-HB/RGBMW 100-277V 10 BK
EAN/UPC - Product	8718291388364
Order code	912400130372
Local order code	.
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	2
Material Nr. (12NC)	912400130372
Net Weight (Piece)	4.146 kg

Dimensional drawing



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