



# ColorBlast IntelliHue Powercore gen4

**BCP483 36xLED-HB/RGBMW 100-277V 10 WH**

IntelliHue - Narrow beam angle 10° - White

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 [-]	RoHS mark	-
Driver included	Yes	WEEE mark	-
Optical cover/lens type	GT [ Tempered glass]	Accessory PFC	ZCP485
Luminaire light beam spread	10°		
Cable	Cable 1.8 m without plug		
Protection class IEC	Safety class I (I)		
		Light Technical	
		Standard tilt angle posttop	0°

# ColorBlast IntelliHue Powercore gen4

Standard tilt angle side entry	0°
--------------------------------	----

## Operating and Electrical

Input Voltage	100 to 277 V
Input Frequency	50 to 60 Hz
Power Factor (Nom)	0.99 @ 120 VAC, 0.88 @ 277 VAC

## Controls and Dimming

Dimmable	Yes
----------	-----

## 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

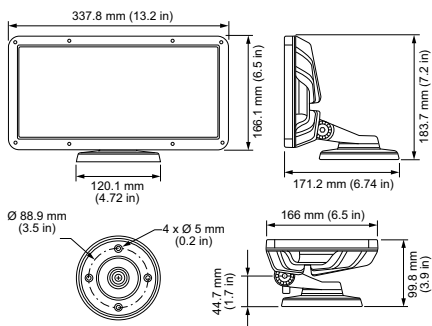
## Application Conditions

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

## Product Data

Full product code	871829138835799
Order product name	BCP483 36xLED-HB/RGBMW 100-277V 10 WH
EAN/UPC - Product	8718291388357
Order code	912400130371
Local order code	.
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	2
Material Nr. (12NC)	912400130371
Net Weight (Piece)	4.146 kg

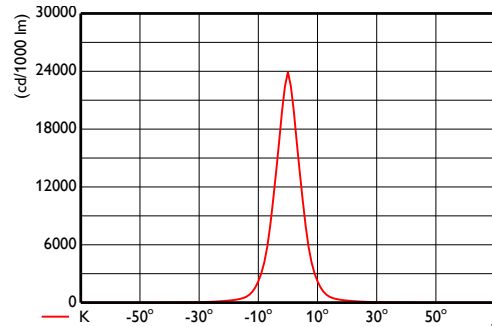
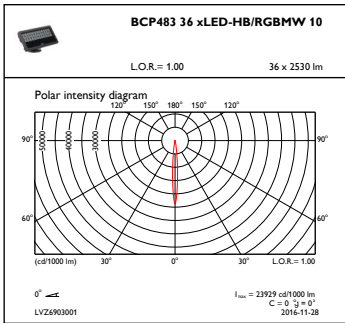
## Dimensional drawing



ColorBlast IntelliHue Powercore gen4

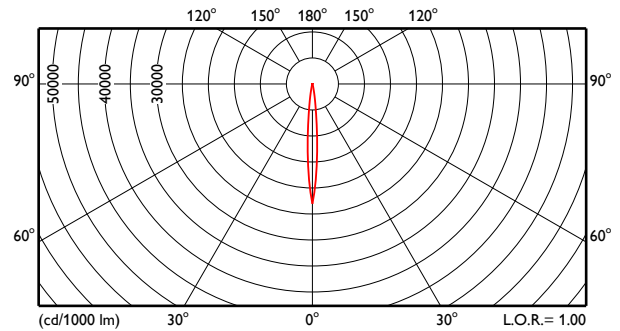
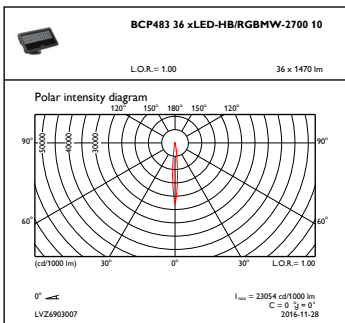
# ColorBlast IntelliHue Powercore gen4

## Photometric data



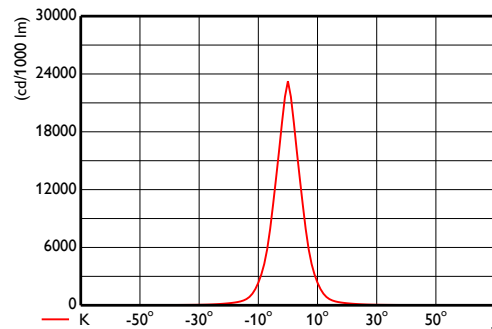
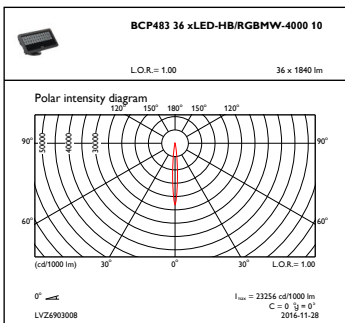
OFPC1\_BCP48336xLED-HBRGBMW10

OFCS1\_BCP48336xLED-HBRGBMW10



OFPC1\_BCP48336xLED-HBRGBMW-270010

OFCS1\_BCP48336xLED-HBRGBMW-270010



OFPC1\_BCP48336xLED-HBRGBMW-400010

OFCS1\_BCP48336xLED-HBRGBMW-400010

## ColorBlast IntelliHue Powercore gen4

