ETC

BlueDome

BluesSystem LV Series

Type(s)

Project

Date

Notes

GENERAL INFORMATION

BlueDome
BlueDome provides dimmable, omni-directional LED light designed to gently illuminate stairwells, lobbies, wing spaces and seating areas. The optional, snap-on eyelid accessory ensures that your BlueDomes provide safe illumination while conforming to the design needs of your venue.

APPLICATIONS

- Onstage running lights
- Auditoriums
- Lobbies
- Houses of worship
- Museums
- Studios

GENERAL

- Must be used with BluesSystem Power Supply (see separate datasheet)
- Five-year fixture warranty (ten-year LED array warranty)
- Ambient operating temperature 0° to 40˚ C (32° to 104˚ F)
- Indoor use only

OPTICAL

- Available in frosted or opaque lens options
- Light spill masking accessories available
- Single-color, 3 W blue LED emitter

ELECTRICAL

- Low Voltage 11–36 VDC operating range
- 3W LED consumes 85 mA @ 36 V (130 mA @ 24 V)
- Three screw terminal connections on rear (power/ground/control)
- Must be used with BluesSystem power supply only
- Supplied with wiring harness and Wago connector for easy termination

MECHANICAL

- Supplied with two mounting screws
- Fits standard 51 mm mounting pattern UK electrical boxes
- Supplied with choice of adapter plate (see options below)
- Durable injection-molded housing

REGULATORY AND COMPLIANCE

- cETLus Listed
- Conforms to ANSI/UL 2108
- Certified to CSA STD. C22.2 No. 250.0
- CE Compliant

ORDERING INFORMATION

BLUEDOME

BS			
MODEL	BEAM/DOME	COLOR	LENS TYPE
BS- BluesSystem	D- Dome	B- Blue	O- Opaque F- Frosted
EXAMPLE			
BS	D	B	F

BSDBF - BluesSystem BlueDome, Blue, Frosted.

ACCESSORIES

BSEL - EYELID

BSC - COWL

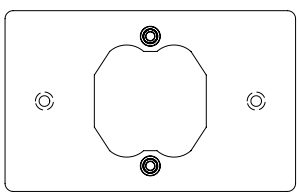
Both the eyelid and cowl accessories snap easily on to the front of a BlueBeam or BlueDome luminaire via the included accessory ring. The eyelid is designed for use with the BlueDome to shield glare when the luminaire is used at low level. The cowl is typically used on a BlueBeam that has been installed as a downlight, providing perfect light spill protection from on-stage areas.

ADAPTER PLATE OPTIONS

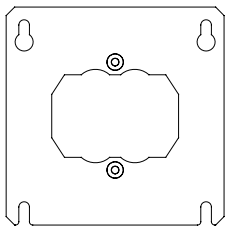
BlueBeam and BlueDome fixtrues are supplied with your choice of adapter plate for mounting to standard electrical junction boxes as dictated by regional norms.

ELECTRICAL BOX ADAPTER PLATES FOR NORTH AMERICA

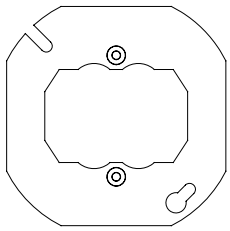
BS2.5SQUAREPLATE



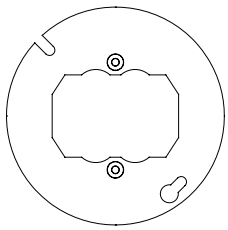
BS4SQUAREPLATE



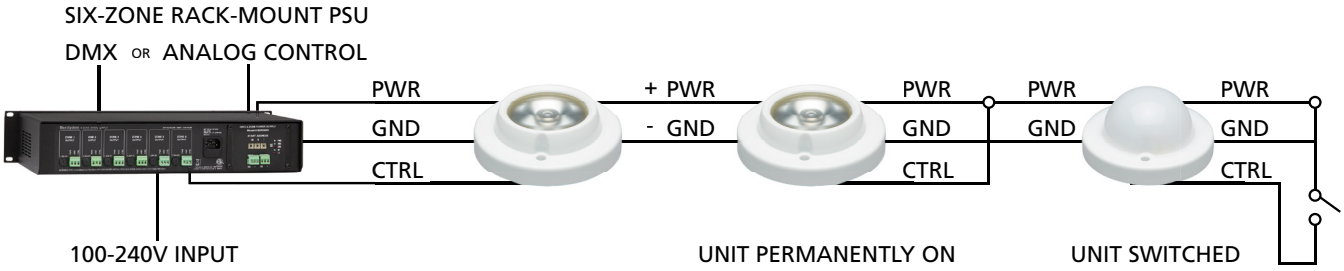
BS4OCTOPLATE



BS4ROUNDPLATE



POWER SUPPLY OPTIONS



PHOTOMETRY INFORMATION

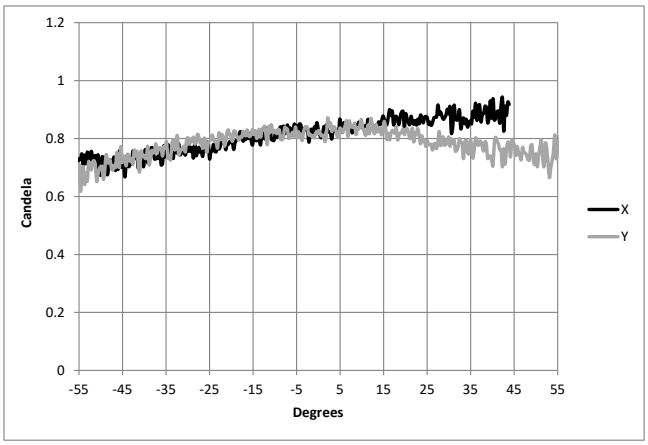
BlueDome Opaque

Mode	Candela	Field Lumens	Power Consumption	Efficacy (lpw)
Full Intensity	3	6	4.5	1.3

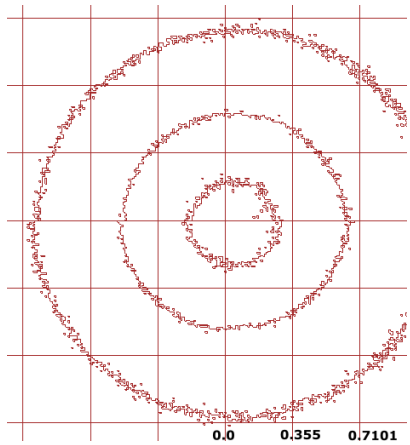
Metric conversions: For meters, multiply feet by 0.3048.
For lux, multiply footcandles by 10.76.

Throw Distance (d)	10 ft 3.0 m	15 ft 4.6 m	20 ft 6.1 m	25.0 ft 7.6 m
Illuminance (fc)	0	0	0	0
Illuminance (lux)	0	0	0	0

Candela Plot



Iso-Illuminance Diagram
(Flat Surface Distribution)



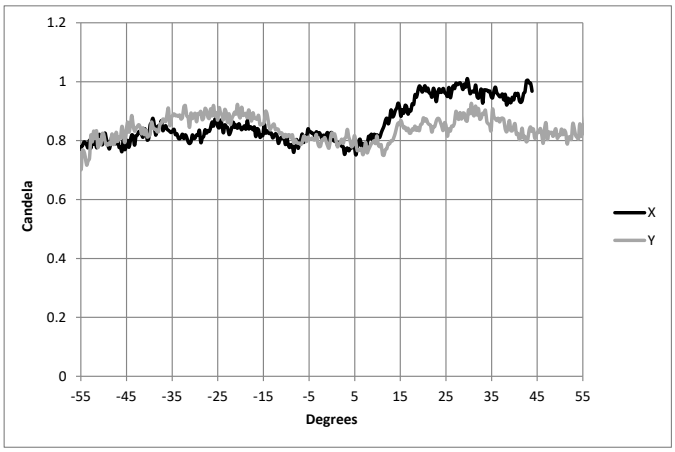
BlueDome Frosted

Mode	Candela	Field Lumens	Power Consumption	Efficacy (lpw)
Full Intensity	4	8	4.5	1.7

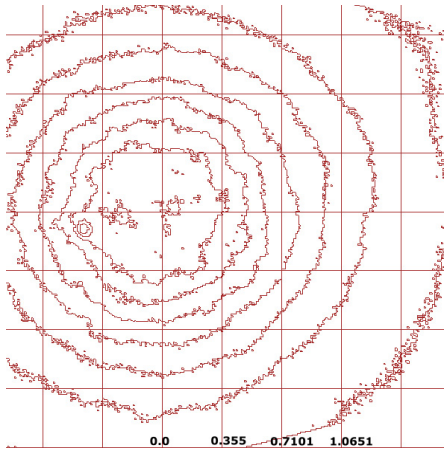
Metric conversions: For meters, multiply feet by 0.3048.
For lux, multiply footcandles by 10.76.

Throw Distance (d)	10 ft 3.0 m	15 ft 4.6 m	20 ft 6.1 m	25.0 ft 7.6 m
Illuminance (fc)	0	0	0	0
Illuminance (lux)	0	0	0	0

Candela Plot



Iso-Illuminance Diagram
(Flat Surface Distribution)



PHYSICAL

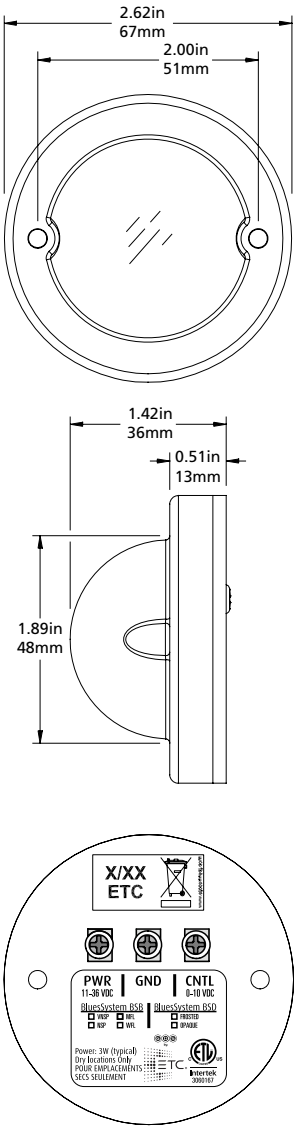
Product Dimensions

MODEL	HEIGHT		WIDTH		DEPTH	
	in	mm	in	mm	in	mm
BlueDome	2.62	67	2.62	67	1.42	36

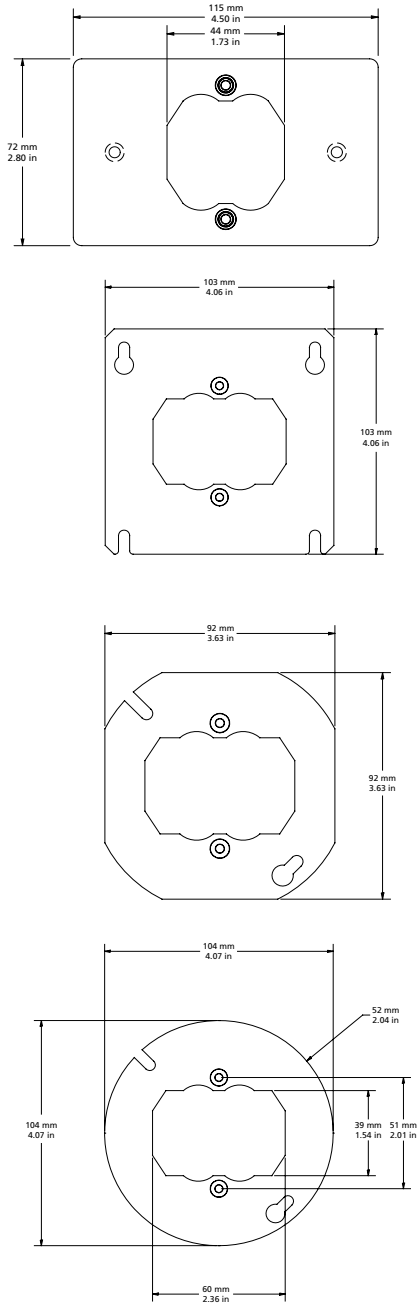
Product Weight

MODEL	WEIGHT		SHIPPING WEIGHT	
	lb	kg	lb	kg
BlueDome	0.12	0.055	0.265	0.12

BLUEDOME



ADAPTER PLATES



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