



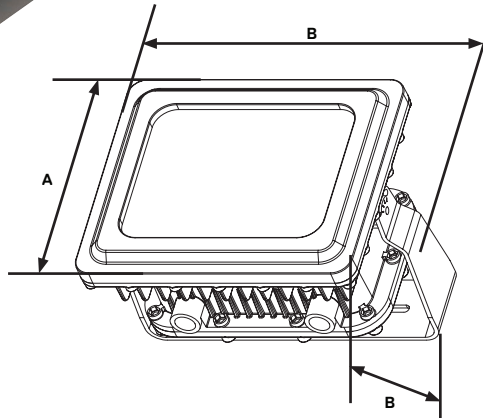
BISF25Q

Bismarck Hazardous Location LED Explosion Proof Flood



Dimensions

Height (A)	10 3/4" (273mm)
Width (B)	13 3/4" (348mm)
Length (C)	9 3/4" (248mm)



The SaySpec BISF25Q Class 1, Division 2 Explosion Proof Hazardous Location Flood luminaire is available with a clear tempered glass lens. Typical lighting applications include industrial facilities, oil, gas, painting facilities, manufacturing, and auto service facilities.

SPECIFICATIONS AND FEATURES:

HOUSING:

Heavy-Duty Die Cast Aluminum Housing with 3/4" Stainless Steel Close-Up Plugs for Wiring Entrance Conduits and Fittings.

LISTING & RATINGS:

ETL Listed for Hazardous Locations Per UL844 as Follows:
Class 1, Division 2 Groups A, B, C, D; T4 Temperature Rating, -25°C to +50°C Ambient. Suitable for Wet Locations, Sealed LED Compartment

FINISH:

Powdercoat Finish Over a Chromate Conversion Coating.

LENS:

Clear Tempered Glass Lens

MOUNTING OPTIONS:

Mount with Stamped Steel Adjustable Yoke. Includes 3' 16/3 SJOOW Cord and Rated Connector. Rated for 6 #12 AWG 90°C for Through Wiring.

LED:

Aluminum Boards; 329,000 Hours of L70 LED Life (25°C)

WATTAGE:

Array: 132.2w, System: 140.2w

DRIVER:

Electronic Driver, 120-277V, 50/60Hz; Less Than 20% THD and PF>0.90. Standard Internal Surge Protection 6kV. 0-10V Dimming Standard for a Dimming Range of 100% to 10%; Dimming Source Current is 150 Microamps.

WARRANTY:

5-Year Warranty

See Page 2 for Projected Lumen Maintenance Table.

Order Information Example:

BISF25QF132U5KCGYS

BISF25Q	F	132	U	5K	C	G	Y	
Model	Optics	Wattage	Driver	CCT	Lens	Color	Mount	Options
BISF25Q=Bismarck LED Explosion Proof Flood	F=110°H x 110°V, NEMA 7H x 7V	132=132w	U=120-277V	4K=4000K 5K=5000K	C=Clear Tempered Glass Lens	G=Gray	Y=Adjustable Yoke	SP=Surge Protection

Project Information:

PROJECT NAME: _____ FIXTURE TYPE: _____

COMPLETE CATALOG#: _____ DATE: _____

COMMENTS: _____

Certification & Listings:



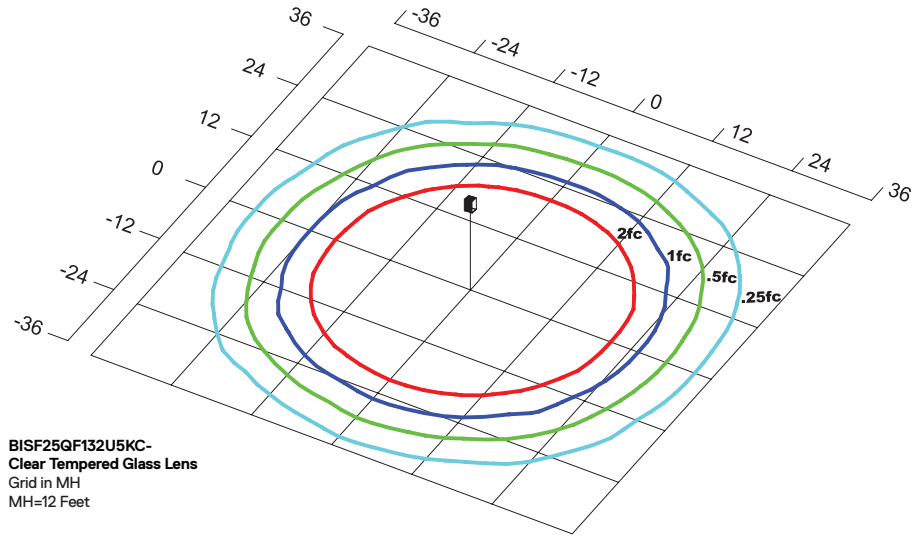
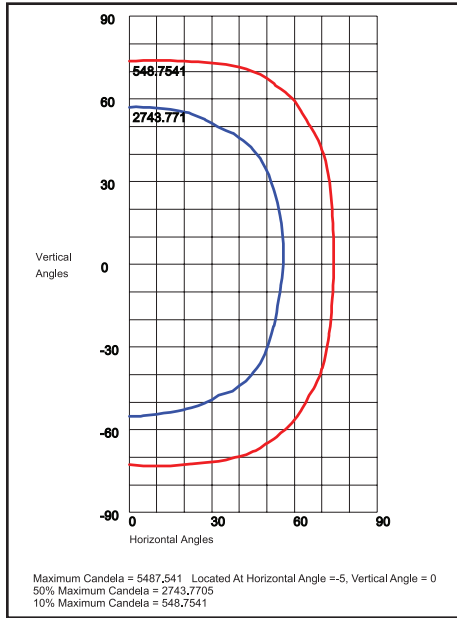
Class 1, Division 2
Groups A, B, C, D
T4 Temperature Rating



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PHOTOMETRIC DATA



BISF25QF132U5KC-
Clear Tempered Glass Lens

PHOTOMETRIC PERFORMANCE

				5000 CCT 80 CRI		
LED Board Watts	Drive Current (mA)	Input Watts	Optics	Lumens	LPW	
LED 132w	465	140	F 110°H x 110°V, NEMA 7H x 7V	15,046	108	

PROJECTED LUMEN MAINTENANCE

Data shown for 5000 CCT			Compare to MH			
TM-21-11	Input Watts	Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	Calculated L70@ 25°C
L70 Lumen Maintenance @ 25°C / 77°F	140	1.00	0.98	0.95	0.91	329,000
TM-21-11	Input Watts	Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	Calculated L80@ 40°C
L80 Lumen Maintenance @ 50°C / 104°F	140	1.00	0.95	0.90	0.80	149,000
TM-21-11	Input Watts	Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	Calculated L80@ 40°C
L80 Lumen Maintenance @ 40°C / 104°F	140	1.00	0.96	0.93	0.86	142,000

NOTES:
1. Projected per IESNA TM-21-11. Data references the extrapolated performance projections for the 465mA base model in a 25°C ambient, based on 10,000 hours of LED testing per IESNA LM-80-08.
2. Compare to MH box indicates suggested Light Loss Factor (LLF) to be used when comparing to Metal Halide (MH) systems.