▊LED

Project:	
Type:	
Date:	
Product Code:	
Approval:	

BHZ

Designed to efficiently light harsh and hazardous applications, the BHZ's rugged design delivers a lighting solution that delivers high performance in all Class 2, Div. 1 Groups E, F and G environments.

FEATURES

- High temperature rated silicone gasketing to keep dust out of the fixture
- 0 - 10V dimming standard
- Stainless steel linear lens mounting clips

OPTIONS

- Cord options for Flexible cord, Flexible conduit and rigid conduit available
- Lumen packages are available from 2,500L to 11,500L
- Available in 3000K, 3500K, 4000K, 5000K, and 6500K
- 90 CRI available
- NEDAP wireless controls

OPERATING TEMPERATURE

- -20°C to 40°C

APPLICATIONS

For use in applications where a Class 2 Div. 1 Group E, F, and G fixture is required.

OPTICS

Laminated glass lens designed for maximum durability in rugged environments.

ELECTRICAL

All components are UL recognized. This fixture is available in 120 - 277V and 347V/480V.

MOUNTING

Suspension, or surface mounting options available.

CONSTRUCTION

- Cast aluminum body 1/8" thick body with high temperature silicone gasketing
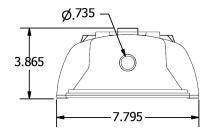- Conduit knock-out holes in both ends and the top of casting
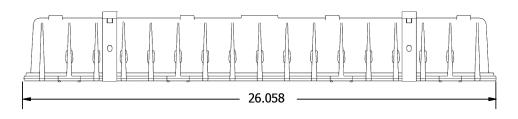- Tempered glass lens

APPROVALS

- Class 2 Division 1 Groups E, F, and G
- ETL Listed
- DLC Listed

WARRANTY

- Standard 5 year system, and 10 year LED warranty

PRODUCT DIMENSIONS

Ø.735
3.865
7.795
26.058

PRODUCT KEY

Fixture Type	Lumen Output		CRI		Colour Temp		Driver Voltage		Options
BHZ	–	L –		–		–		–	

	Lumen Output	CRI	Colour Temp	Driver Voltage	Options
	2.5	8 - 80 CRI	30 - 3000 K	UNV	**Wireless Controls**
	3.5	9 - 90 CRI	35 - 3500 K	347/480	WC1 - NEDAP Wireless Controls
	4.5		40 - 4000 K		
	5.5		50 - 5000 K		**Mounting**
	6.5		65 - 6500 K		Blank - Stainless Steel Surface Mount Brackets
	7.5				
	8.5				**Cords** (Specify Length)
	9.5				W3xx - 16/3 White Cord
	10.5				W4xx - 16/3 Black Cord
	11.5				W73xx - Flexible Conduit

WATTAGE CHART

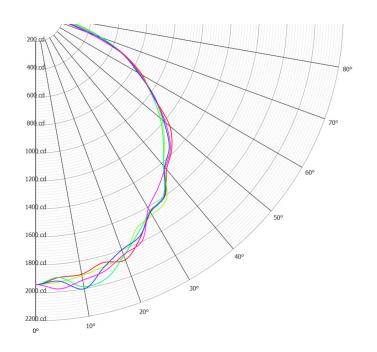| BHZ Wattage Chart				
	Lumen Output	Actual Lumen Output	Fixture Wattage	Lumens per Watt
2'	2.5	2,559	18.85	135.76
	3.5	3,512	25.87	135.76
	4.5	4,465	32.89	135.76
	5.5	5,418	39.91	135.76
	6.5	6,464	46.93	137.74
	7.5	7,418	53.90	137.63
	8.5	8,372	60.79	137.72
	9.5	9,326	67.71	137.73
	10.5	10,195	74.64	136.59
	11.5	11,234	81.57	137.72

* Based on UNV voltage

* Based on 4000K

* Based on 80 CRI

LED

PHOTOMETRIC DATA

Candela Polar Plot

BHZ-5.5L-840-UNV

Cone of Light

Mtg Height	Light Level	Beam Diameter
6 ft	54 fc	18 ft
8 ft	30 fc	23 ft
10 ft	19 fc	29 ft
12 ft	13 fc	35 ft
15 ft	9 fc	44 ft

BHZ-10.5L-840-UNV

Cone of Light

Mtg Height	Light Level	Beam Diameter
6 ft	108 fc	17 ft
8 ft	60 fc	22 ft
10 ft	39 fc	28 ft
12 ft	27 fc	33 ft
15 ft	17 fc	41 ft