

Product Specifications - Application Features

Specification-grade special application luminaire. For use with most major brands of industrial paint booths. This luminaire's design allows it to mount onto the glass window and remains outside of the hazardous area.



Product Specifications

Optical System

Optional reflectors are available in specular aluminum with a minimum reflectance of 95%.

Mounting

Units are press fit against glass panel surfaces by use of customized brackets, provided by the spray booth manufacturer.

Construction

Die-formed and spot welded, heavy-gauge steel housing assembly.

Finish

White, polyester powder painted housing. High-reflectivity coated reflecting surfaces for improved efficiency.

Electrical

Rotary lampholders ensure positive lamp retention. All electrical components are CSA approved or UL listed. See product selection for optional ballasts. Sufficient knockouts are provided for connections and through wiring.

Approvals

Approved to CSA and UL standards (UL, or equivalent, marked only when specified).

Notes

Horizontal lines for notes.

Product Features

- Shallow design
• Ideal for auto body spray booths with sealed glass window panels
• Available with 2, 3, 4 or 6 lamps
• Luminaire mounts outside of booth onto glass spray booth panel
• Rear access cover for easy maintenance
• Welded steel housing
• Available in T5 and T8 configurations

Options & Adders

- Lamps available (please specify colour temperature and wattage)
• Multi-level switching
• Dimmable ballast
• Emergency ballast
• Radio interference filter (120V - 277V)
• Flexible metal whip - 6 foot x 3/18 gauge conductors

Applications

- Cleanrooms
• Spray Booths

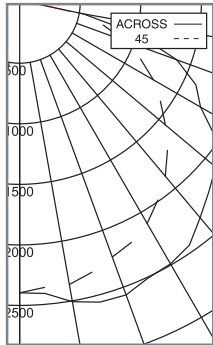
*Certain features and configurations may not be available. Consult the factory for more information.

SB - Spray Booth

Specification-Grade Rear Access (Exterior) Glass-Mounted Gasketed Special Application Luminaire

Photometrics - SB448-T832N120-G1 - Efficiency 78.5%

Candle Distribution



Luminance Summary-CD. / SQ. M.

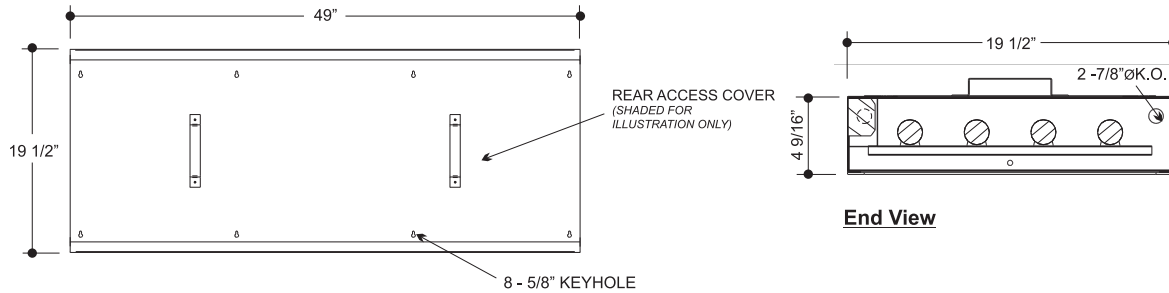
ANGLE	ALONG	45	ACROSS
45	4466	5446	57177
55	4526	5703	6353
65	4772	6486	6952
75	5050	6844	7189
85	3663	3961	3087

Candle Power Summary

ZONE	LUMENS	% LAMP	% LUMINAIRE
0 - 30	2039	17.30	22.00
0 - 40	3464	29.40	37.40
0 - 60	6627	56.20	71.60
0 - 90	9258	78.50	100.00
40 - 90	-	-	-
60 - 90	2632	22.30	28.40
90 - 180	-	-	-
0 - 180	9258	78.50	100.00

ProductDetails

Dimensions



Back View

Ordering



- Size (Width x Length)**
1.5x4
- No. of Lamps**
2L
3L
4L
6L
- Lamp Type**
T5
T5HO
T8
T8HO
- Lamp Watts**
See table below
- Voltage**
120 - 120V
347 - 347V
UNV - 120-277V
UN4 - 347-480V
- Ballast Type**
N - Instant Start
P - Prog. Start
R - Rapid Start

- Ballast Options**
(See Option Code Section For More Information)
- B01 Ballast Disconnect - In-line Power Disconnect (CSA-UL Req'd For Voltages above 150v)
 - B02 Dimming Addressable Digital (dali)
 - B03 Dimming Low Voltage
 - B04 Dimming Line Voltage
 - B08 High Ballast Factor
 - B09 Low Ballast Factor
 - B30 Emergency Lighting Battery Pack Spec Grade
 - B33 Emergency Lighting Battery Pack 1-lamp
 - B34 Emergency Lighting Battery Pack 2-lamp

- Gasket Options**
- G1 Access Cover Gasket

Packaging Options

- K0 Pack Bulk

Reflector Options

- VF1 Reflector VF1 Solid Full Specular (95% Reflectance)

Fusing and Breaker Options (select one only)

- T5 Fuseholder, In-line Double Pole
- T6 Fuseholder, In-line Single Pole

Wiring Options

- V08 Flexible Feed Cord (single circuit only)
- V09 Flexible Whip (standard 6-ft 3-18 Ga.)

Approval and Rating Options

- X6 USA Market
- X7 Dual CSA and USA Market

Lamp Options

- Z1 Lamps Installed

Other options may be available.

Example:

SB1.5x46L-T5HO54PUNV-B01G1VF1V08

Lamp Watts

Length	Nominal Lamp Watts			
	T5	T5HO	T8	T8HO
48	28	54	32	44

Certain configurations may not be available. Consult the factory for more information.