

Project
Type
Date
Cat #

Application Features

Specification-grade industrial paint spray booth luminaire. For use in most spray booth applications that require servicing from inside the booth or in hazardous locations that require Class 1, 11, Zone 2 - Groups A, B, C, D, F, G, certifications (consult ordering key for configurations). Revealed fasteners at door frame assembly, unconcealed.



Specifications

Optical System

Lens assembly is made with a tempered safety glass sealed to the lens frame with a non-silicone sealant and is mechanically secured. Optional reflectors are available in specular aluminum with a minimum reflectance of 95%.

Mounting

Housing is mounted into pre-cut panel hole and fastened directly to the spray booth panel.

Construction

Die-formed and spot welded, heavy-gauge steel housing assembly. Extruded aluminum hinged door frame assembly allows for easy access for servicing. Gasketing ensures the seal between door frame assembly and the housing as well as the flange against the mounting surface.

Finish

White, polyester powder painted housing.

Electrical

1/2 inch NPT hubs are provided for conduit attachment. Safety interlock switch is provided. For inside access feature the interlock switch is to be wired in such a way as to disable paint spray equipment when the frame door is opened. As a result this unit may be mounted in spray booth panels without the previously required second lens. Sufficient knockouts are provided for connections and through wiring.

Approvals

Approved to CSA and UL standards. Class 1, 11, Zone 2 Groups A, B, C, D, F, G, certifications (consult ordering key for configurations)., (ETL)
 Conforms to UL Standard 844. Certified to CAN/CSA Standard C22.2 No. 137.



Features

- Ideal for most spray booths that require servicing from inside the booth
- Shallow design
- Available with 4 or 6 lamps (T5 and T8 configurations)
- Clear, tempered safety glass
- Simple panel mounting design
- Interlock switch
- Piano hinged door frame

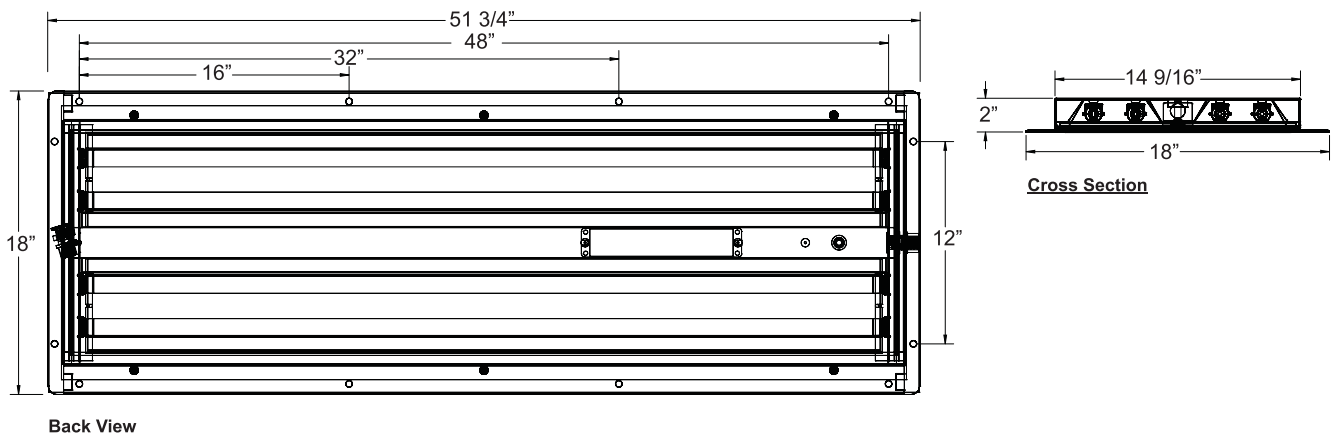
Options & Adders

- Lamps available (please specify color temperature and wattage)
- Enhanced specular aluminum reflector with a minimum reflectance of 95%
- Emergency ballast
- Radio interference filter (120V - 277V)
- Prismatic acrylic overlay

Applications

- Paint Spray Booths

Dimensions



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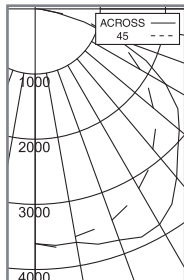
SBRA Spray Booth Recessed A

Specification-Grade Inside Access Recessed Industrial Paint
Spray Booth Luminaire



Photometrics - SBRA2X46L-T832N120 - Efficiency 71.2%

Candle Distribution



Luminance Summary-CD. / SQ. M.

ANGLE	ALONG	45	ACROSS
45	6758	8147	8011
55	6772	7855	8537
65	6858	7953	8154
75	6315	6012	5511
85	2568	2082	2162

Candle Power Summary

ZONE	LUMENS	% LAMP	% LUMINAIRE
0 - 30	3047	17.20	24.20
0 - 40	5193	29.30	41.20
0 - 60	9734	55.00	77.20
0 - 90	12601	71.20	100.00
40 - 90	-	-	-
60 - 90	2867	16.20	22.80
90 - 180	0.00	0.00	0.00
0 - 180	12601	71.20	100.00

Ordering

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

Example:

SBRA1.5x46L-T5HO54PUNV-B01P06VF1

Lamp Watts

Length	Nominal Lamp Watts		
	T5	T5HO	T8
48	28	54	32

Other options may be available consult factory.
Specifications and data subject to change without notice.

* For available configurations on the Emergency Lighting Battery Pack, consult with factory.

Ballast Options

(See Option Code Section For More Information)

- ☐ B30 * Emergency Lighting Battery Pack Spec Grade
- ☐ B33 * Emergency Lighting Battery Pack 1-lamp
- ☐ B34 * Emergency Lighting Battery Pack 2-lamp

Packaging Options

- ☐ K0 Pack Bulk/ Pallet Packed and/or Wrapped

Lens Options

(Clear Tempered Glass Lens is Standard - P06)

- ☐ P14 Prismatic Acrylic Overlay

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

- ☐ V09 Flexible Whip (standard 6-ft 3-18 Ga.)
- ☐ V24 Plug

Approval and Rating Options

- ☐ X7 Dual CSA and USA Markets