

SBR Spray Booth Recessed

Specification-Grade Inside Access Recessed Industrial Paint Spray Booth Luminaire

Project	
Туре	
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 I, II, Zone 2 Groups A, B, C, D, F, G, certifications (consult ordering key for configurations). Concealed door hinge (no fasteners exposed) surface door frame.



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. One-piece 60 degree beveled perimeter hinged door frame assembly, fabricated from heavy gauge steel. 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

Rotary lampholders ensure positive lamp retention. 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. Sufficient knockouts are provided for connections and through wiring.

Approvals

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



Features

- Inside spray booth access
- Ideal for most spray booths that require servicing from inside the booth
- · Shallow design
- Available with 2, 4 or 6 lamps (T5 and T8 configurations)
- Clear, tempered safety glass
- Simple panel mounting design
- Interlock switch
- Piano hinged door frame

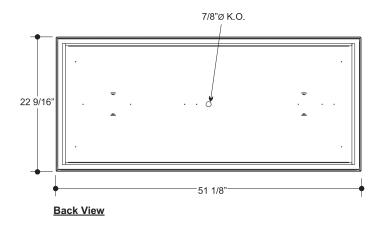
Options & Adders

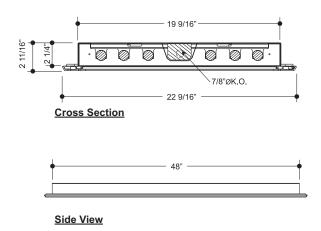
- · Emergency ballast
- Radio interference filter (120V 277V)
- · Prismatic acrylic overlay

Applications

• Paint Spray Booths

Dimensions





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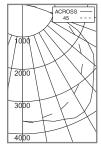
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VISIONEERING

Photometrics - SBR2x46L-T832N120 - Efficiency 71.2%

Candle Distribution



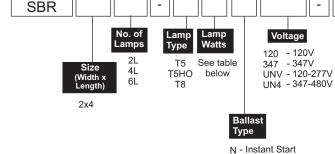
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ΔΝ	IGI	F	Δ	1 (M	G			15	

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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

LUMENS	% LAMP	% LUMINAIRE
3047	17.20	24.20
5193	29.30	41.20
9734	55.00	77.20
12601	71.20	100.00
-	-	-
2867	16.20	22.80
0.00	0.00	0.00
12601	71.20	100.00
	3047 5193 9734 12601 - 2867 0.00	3047 17.20 5193 29.30 9734 55.00 12601 71.20 2867 16.20 0.00 0.00

Ordering



N - Instant Start P - Program Start R - Rapid Start

Ballast Options

(See Option Code Section For More Information)

B30 Emergency Lighting Battery Pack Spec Grade B33

Options

Emergency Lighting Battery Pack 1-lamp Emergency Lighting Battery Pack 2-lamp □ B34

Packaging Options

Pack Bulk/ Pallet Packed and/or Wrapped □ K0

Lens Options (Clear Tempered Glass Lens Is Standard)

Clear Tempered Glass Lens P06 Prismatic Acrylic Overlay

P14

Reflector Options

Reflector VF1 Solid Full Specular VF1 (95% Reflectance)

Fusing and Breaker Options (select one only)

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

Approval and Rating Options

Dual CSA and USA Markets \Box X7

Wiring Options

□ V09 Flexible Whip

Example:

SBR2x46L-T5HO54PUNV-B01P06VF1

Lamp Watts

	Nominal Lamp Watts					
Length	T5	T5HO	T8			
48	28	54	32			

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