

## ENVIRONMENTALLY FRIENDLY, ENERGY EFFICIENT

- The Indy 2x4 Architectural Basket Series delivers up to 5500 lumens and efficacies as high as 123 lumens per watt
- Direct/Indirect distribution of soft light creates superior brightness control and balanced light
- Available in wide range of color temperatures with 0-10V dimming
- No harmful ultraviolet or infrared wavelengths
- Contains no lead or mercury

## PRODUCT SPECIFICATIONS

### Basket Style Optics

**Shielding:** Specially formulated high transmission optic features a textured opal surface on one side specifically designed for lighting lenses • Unique combination of high light diffusion and high light transmission through a combination of optimized surface texture and advanced diffuser technology enhance fixture aesthetics while maximizing performance • Easily removable for access to LED boards and driver

### Reflector

High reflectance white paint provides soft, uniformed indirect light distribution

### Electrical

**LED Light Engine:** High-performance LEDs deliver consistent high-quality white light and uniform illumination without pixilation • Consistent fixture-to-fixture color temperature within 3 MacAdam ellipses • Light engine/reflector system produces 3900 to 5500 lumens while using only 36 to 53 watts of energy • 3000K, 3500K, 4100K and 5000K color temperatures • CRI>80 • Easily replaceable array boards allow for easy maintenance or updating technology

**LED Driver:** Accommodates 120- 277V input volts AC at 50/60Hz • Power factor >0.9 • Dimming standard to 10% with 0-10V DC control protocol • Easy access to driver for maintenance and new technology • For list of compatible dimmers see LED-DIM

**Life:** Rated for 50,000 hours at 70% lumen maintenance, 8-12 years commercial use expectancy

### Housing

Cold rolled steel or electro galvanized substrate • Highly reflective white finish on phosphate-free, multi-staged pretreated metal • Built-in earth quake clips

### Mounting

Lightweight and easy to install in any standard T-Bar or screw slot grids • Drywall frame available for plaster/drywall ceilings, see accessories. • Ideal for new construction and remodel applications

### Labels and Listings

- Tested and certified to UL and CSA standards using ETL laboratories
- ETL Listed for damp locations
- DesignLights Consortium® qualified
- I.B.E.W. Union made • Assembled in the U.S.A.

**Warranty:** 5 years when used in accordance with manufacturing guidelines. Product specifications subject to change without notice.

## ORDERING INFORMATION: Accessories ordered separately

Example: **S2X4BL-5550U-WH3**

Cat. #	Lumens	Color Temp.	Voltage	Finish	Generation	Options
<b>S2X4BL</b>	-			<b>WH</b>	<b>3</b>	
<b>S2X4BL</b>	<b>39</b>	<b>30</b>	<b>U</b>	<b>WH</b>	<b>3</b>	<b>CP</b> Chicago Plenum
2' x 4'	3900 Lumens	3000K	120-277V	White	Gen3	<b>BR</b> Emergency Battery Pack w/ Remote Test Switch
Solid State,	<b>55</b>	<b>35</b>	<b>3</b>			<b>LDI</b> Lumen Depreciation Indicator (Cannot be used w/ BR Option)
Low Profile LED	5500 Lumens	3500K	347V			<b>G</b> Gasket (Contamination Deterrent gasket)
		<b>40</b>				<b>AM</b> Anti-Microbial Paint (Provides mildew and odor resistance to product)
		4100K				
		<b>50</b>				
		5000K				

## 2X4 LED LOW-PROFILE RECESSED LUMINAIRE WITH BASKET DIFFUSER S2X4BL SERIES

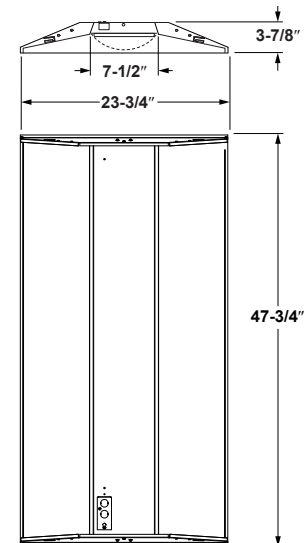
Type \_\_\_\_\_ Cat. No. \_\_\_\_\_

Project: \_\_\_\_\_

Notes: \_\_\_\_\_



### DIMENSIONS



### ENGINEERING DATA

Voltage	120V - 277V	
Light Engine Lumens	<b>3900</b>	<b>5500</b>
CCT	3K/35K/4K/5K	3K/35K/4K/5K
Input Wattage	36W	53W
Input Frequency	50/60Hz	50/60Hz
Power Factor	0.9	0.9

Consult factory for 347V

### Accessories

- 2X4DWA** 2' X 4' Drywall Frame Adapter
- 2X4EC** Additional Earth Quake Clips, Set of 4
- LFC** Fixture Clips for Armstrong 9/16" T

### Related Products:

- S1X4BL** ..... K14.1.5
- S2X2BL** ..... K14.1.6

PHOTOMETRIC REPORT

Catalog Number: S2X4BL-3935U-WH3

Test Number: PT009140801P

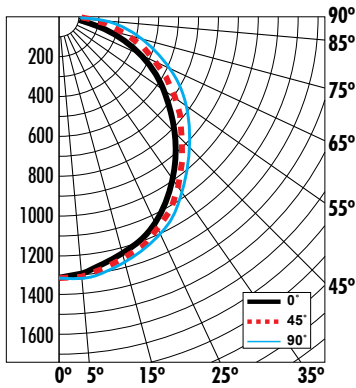
Total Lumen Output: 4008 Lumens

Luminaire Efficacy: 115 lm/w

Luminaire Spacing Criteria: END = 1.22 ACROSS = 1.30

Luminaire: 2' X 4' Troffer with Opal Basket Diffuser CIE-Type: Direct

CCT MULTIPLIER: 3K X 0.977, 4K X 1.021, 5K X 1.075



Luminance Data (Candela/M)

Table with columns: Angle in Degrees, Avg. Candela at 0°, 45°, 90°.

Zonal Lumen Summary

Table with columns: Zone, Lumens, %fixture.

Candlepower Distribution (Candelas)

Table with columns: Angle, Candela (0.0, 45.0, 90.0), Lumens.

AVERAGE INITIAL FOOTCANDLES

Reflectances: 80% Ceiling, 50% Walls, 30% Floors

Table with columns: Luminaire Spacing, Room Cavity Ratio (RCR1, RCR4, RCR8).

COEFFICIENTS OF UTILIZATION - % (Zonal Cavity Method)

Effective Floor Reflectance 20%

Table with columns: PCC, PW, and various RCR values (80, 70, 50, 30, 10, 0).

PHOTOMETRIC REPORT

Catalog Number: S2X4BL-5535U-WH3

Test Number: PT009140801P

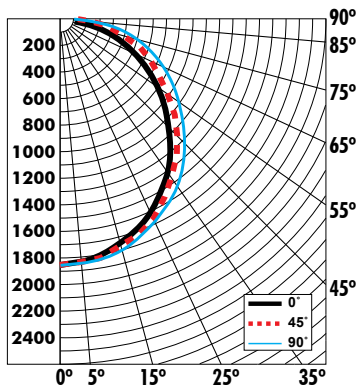
Total Lumen Output: 5652 Lumens

Luminaire Efficacy: 108 lm/w

Luminaire Spacing Criteria: END = 1.22 ACROSS = 1.30

Luminaire: 2' X 4' Troffer with Opal Basket Diffuser CIE-Type: Direct

CCT MULTIPLIER: 3K X 0.977, 4K X 1.021, 5K X 1.075



Luminance Data (Candela/M)

Table with columns: Angle in Degrees, Avg. Candela at 0°, 45°, 90°.

Zonal Lumen Summary

Table with columns: Zone, Lumens, %fixture.

Candlepower Distribution (Candelas)

Table with columns: Angle, Candela (0.0, 45.0, 90.0), Lumens.

AVERAGE INITIAL FOOTCANDLES

Reflectances: 80% Ceiling, 50% Walls, 30% Floors

Table with columns: Luminaire Spacing, Room Cavity Ratio (RCR1, RCR4, RCR8).

COEFFICIENTS OF UTILIZATION - % (Zonal Cavity Method)

Effective Floor Reflectance 20%

Table with columns: PCC, PW, and various RCR values (80, 70, 50, 30, 10, 0).

PHOTOMETRIC REPORT

Catalog Number: S2X4BL-3950U-WH3

Test Number: PT009140801P

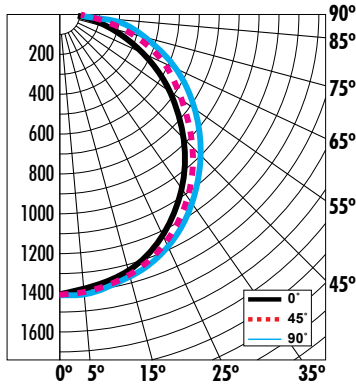
Total Lumen Output: 4305 Lumens

Luminaire Efficacy: 123 lm/w

Luminaire Spacing Criteria: END = 1.22 ACROSS = 1.30

Luminaire: 2' X 4' Troffer with Opal Basket Diffuser CIE-Type: Direct

CCT MULTIPLIER: 3K X 0.909, 35K X 0.930, 4K X 0.950



Luminance Data (Candela/M)

Table with columns: Angle in Degrees, Avg. Candela at 0°, 45°, 90°.

Zonal Lumen Summary

Table with columns: Zone, Lumens, %fixture.

Candlepower Distribution (Candelas)

Table with columns: Angle, Candela (0.0, 45.0, 90.0), Lumens.

AVERAGE INITIAL FOOTCANDLES

Reflectances: 80% Ceiling, 50% Walls, 30% Floors

Table with columns: Luminaire Spacing, Room Cavity Ratio (RCR1, RCR4, RCR8).

COEFFICIENTS OF UTILIZATION - % (Zonal Cavity Method)

Effective Floor Reflectance 20%

Table with columns: PCC, PW, and various RCR values (80, 70, 50, 30, 10, 0).



Fixtures tested to IES recommended standard for solid state lighting per LM-79-08. Photometric performance on a single unit represents a baseline of performance for the fixture. Results may vary in the field.

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