

# skylite® 1x1



## features

1'x1' recessed indirect offers a distinct aesthetic in a compact form that highlights interior architecture.

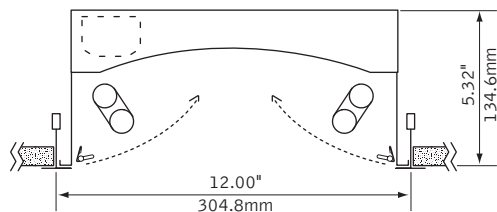
High reflectance, low gloss Matte White finish controls glare and provides high efficiency.

Luminaire may be mounted in acoustical grid or drywall ceiling.

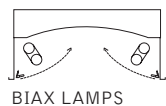
Perforated lamp shields swing down for easy relamping.

Skylite® provides high angle uniform distribution ideal for corridors, entries and small offices.

## dimensional data

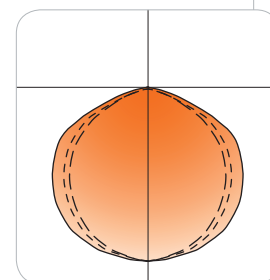


## lamping options



## performance

2-Lamp 18W BiAx  
48% Efficiency  
435 cd @ 0°



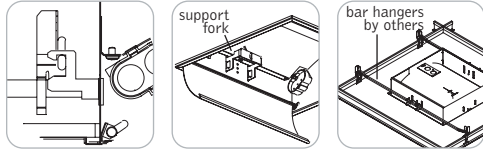
Visit [focalpointlights.com](http://focalpointlights.com) for complete photometric data.

fixture:

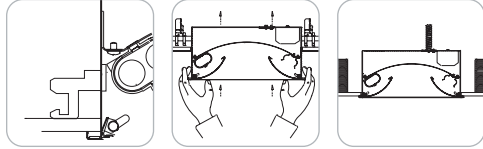
project:

### mounting information

#### grid



#### drywall



grid and drywall cut out dimensions: 11.25" x 11.25"

### specifications

#### construction

One-piece 20 Ga. steel reflector and housing.  
 22 Ga. perforated shields with white acrylic lens insert.  
 Shields are secured by spring latches that allow for easy relamping.

weight: 6 lbs

#### optic

One-piece 20 Ga. steel reflector finished in Matte Satin White powder coat.

#### electrical

Electronic ballasts are thermally protected and have a Class "P" rating.  
 Optional dimming ballasts available.  
 Consult factory for dimming specifications and availability.  
 UL and cUL listed.

#### finish

Polyester powder coat applied over a 5-stage pre-treatment.

### ordering

luminaire series	Skylite	FBX	<u>FBX</u>
nominal size	1' x 1'	11	<u>11</u>
distribution	Bi-Directional	B	<u>B</u>
lamp quantity	Two Lamps	2	<u>2</u>
lamp type	18 Watt Biax	BX18	<u>BX18</u>
ballast	Electronic Program Start <10% THD	S	<u>S</u>
voltage	120 Volt	120	<u>120</u>
	277 Volt	277	<u>277</u>
mounting	Universal (1" max drywall thickness)	U	<u>U</u>
shielding	Perforated Shield	PS	<u>PS</u>
factory options	Chicago Plenum	CP	<u>CP</u>
	Drywall Flange	DF	<u>DF</u>
	Emergency Battery Pack*	EM	<u>EM</u>
	HLR/GLR Fuse	FU	<u>FU</u>
	Include 3000K Lamp	L830	<u>L830</u>
	Include 3500K Lamp	L835	<u>L835</u>
	Include 4100K Lamp	L841	<u>L841</u>
	Separate Circuit*	SC	<u>SC</u>
finish	Matte Satin White	WH	<u>WH</u>

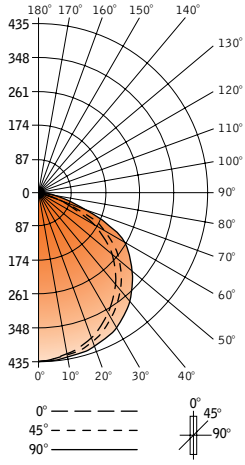
\* for more information see Reference section.

# skylite® 1x1



Filename: FBX112BX18PS.IES  
 Catalog #: FBX-11-B-2Bx18-E-120-U-PS-WH  
 Efficiency: 48%  
 Test #: 9884.0

## CANDLEPOWER DISTRIBUTION



Vertical Angle	Horizontal Angle				Zonal Lumens
	0°	22.5°	45°	67.5°	
0°	435	435	435	435	435
5°	430	433	434	437	439
15°	409	413	413	416	418
25°	375	373	372	378	384
35°	321	320	326	345	353
45°	255	252	279	301	313
55°	180	189	224	259	278
65°	105	119	163	197	207
75°	46	53	70	85	91
85°	6	7	11	15	16
90°	0	0	0	0	0
95°	0	0	0	0	0
105°	0	0	0	0	0
115°	0	0	0	0	0
125°	0	0	0	0	0
135°	0	0	0	0	0
145°	0	0	0	0	0
155°	0	0	0	0	0
165°	0	0	0	0	0
175°	0	0	0	0	0
180°	0	0	0	0	0

Spacing 1.2  
 Criterion: 1.3

## LUMEN SUMMARY

Zone	Lumens	% Lamp	% Fixt
0°-30°	333	13.3	27.7
0°-40°	541	21.6	45.0
0°-60°	959	38.4	79.8
Total Luminaire 0°-180°	1202	48.1	100

## LUMINANCE DATA (CD/M<sup>2</sup>)

Vertical Angle	0°	45°	90°
45°	4584	5016	5627
55°	3989	4964	6161
65°	3158	4903	6226
75°	2259	3438	4469
85°	875	1604	2334

## CO-EFFICIENTS OF UTILIZATION

Floor	80				70				50				20			
Ceiling	70	50	30	10	70	50	30	10	50	10	50	10	50	10	50	10
Wall	57	57	57	57	56	56	56	56	53	53	51	51	49	49	49	49
RCR 0	57	57	57	57	56	56	56	56	53	53	51	51	49	49	49	48
1	53	51	49	47	52	50	46	48	48	45	46	44	44	42	41	
2	48	45	42	39	47	44	39	42	42	38	41	37	39	36	35	
3	44	40	36	33	43	39	33	38	38	32	36	32	35	31	30	
4	41	35	31	28	40	35	28	33	32	28	32	27	31	27	26	
5	37	31	27	24	36	31	24	30	23	23	29	23	28	23	22	
6	34	28	24	21	33	27	20	26	20	20	26	20	25	20	19	
7	31	25	21	18	31	25	18	24	18	18	23	17	22	17	16	
8	29	22	18	15	28	22	15	21	15	15	21	15	20	15	14	
9	27	20	16	13	26	20	13	19	13	13	19	13	18	13	12	
10	25	18	14	12	24	18	12	17	12	12	17	12	17	12	11	

Numbers indicate percentage values of

Go to [www.focalpointlights.com](http://www.focalpointlights.com) for additional photometric data.