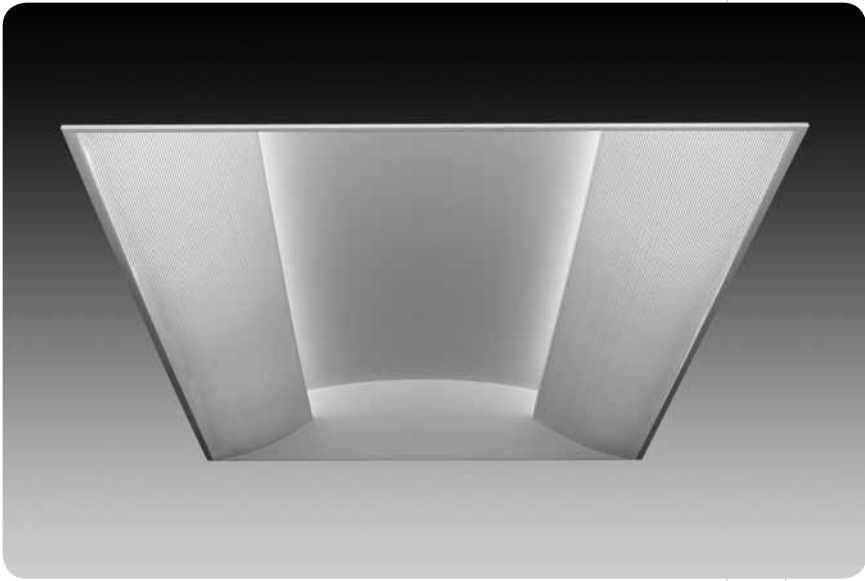


skylite® 2x4



features

2'x4' recessed indirect with perforated side baskets.

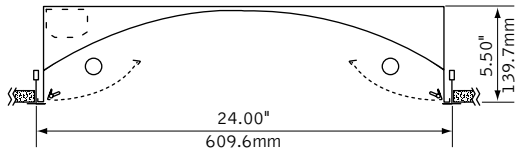
High reflectance, low gloss Matte White finish controls glare and provides high efficiency.

Perforated lamp shields swing down for easy relamping.

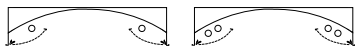
All luminaire combinations may be continuously row mounted.

Skylite® provides high angle uniform distribution ideal for general illumination.

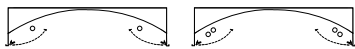
dimensional data



lamping options



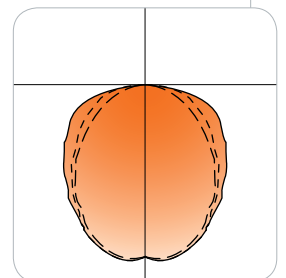
T8 LAMPS



T5/T5H0 LAMPS

performance

2-Lamp T8
69% Efficiency
1310 cd @ 10°



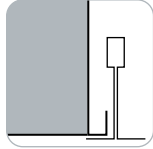
Visit focalpointlights.com for complete photometric data.

fixture:
project:

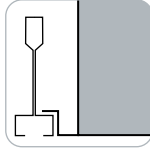
mounting information

grid

specify "G" for flat 9/16" and 15/16" tee or "ST" for 9/16" slot tee grid types.



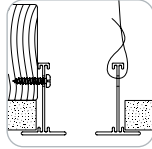
"G" flat tee
Luminaires cannot be installed in T-bar ceiling systems over 1.5" high in T8 lamp configurations.



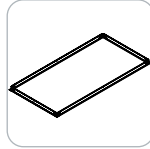
"ST" slot tee

drywall frame kit

specify "DF" Drywall Frame Kit for drywall ceiling conditions.



Use tie-wire or screws to secure frame kit.



cut out dimensions:
2': Min: 24.25"
Max: 24.563"
4': Min: 48.25"
Max: 48.563"

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: 38 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	FBX
nominal size	2' x 4'	24	24
distribution	Bi-Diretional	B	B
lamp quantity	Two Lamp Four Lamp	2 4	
lamp type	T8 T5 T5HO	T8 T5 T5HO	
ballast	Electronic Instant Start <20% THD (T8 only) Electronic Program Start <10% THD Electronic Dimming Ballast*	E S D	
voltage	120 Volt 277 Volt 347 Volt	120 277 347	
mounting	Grid Surface Mount Slot Tee	G SM ST	
shielding	Perforated Shield	PS	PS
factory options	Air Return Chicago Plenum Dust Cover Drywall Frame Kit (Cut out dimensions: Min:24.25"/Max: 24.563" Min: 48.25"/Max 48.563") Emergency Battery Pack* Earthquake Clip HLR/GLR Fuse Flex Whip* Include 3000K Lamp Include 3500K Lamp Include 4100K Lamp Master Satellite* Separate Circuit* Tandem Wiring* Lutron™ Sensor Feed* (EcoSystem ballast required)	AR CP DC DF EM EQ FU FW L830 L835 L841 MS SC TW SF	
finish	Matte Satin White	WH	WH

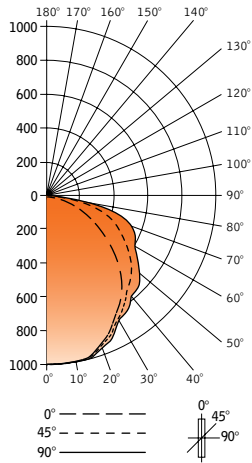
* for more information see Reference section.

skylite® 2x4



Filename: FBX242T8.IES
 Catalog #: FBX-24-B-2-T8-E-120-G-PS-WH
 Efficiency: 69%
 Test #: 13445.0

CANDLEPOWER DISTRIBUTION



Spacing 1.2
 Criterion: 1.3

Vertical Angle	Horizontal Angle				Zonal Lumens
	0°	22.5°	45°	67.5°	
0°	1294	1294	1294	1294	1294
5°	1303	1303	1306	1306	1308
15°	1287	1292	1298	1303	1306
25°	1162	1170	1183	1197	1202
35°	987	998	1024	1057	1075
45°	805	827	893	970	1001
55°	559	601	716	822	862
65°	345	416	573	700	747
75°	179	256	418	538	578
85°	45	67	73	88	94
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

LUMEN SUMMARY

Zone	Lumens	% Lamp	% Fixt
0°-30°	1040	17.6	25.5
0°-40°	1685	28.6	41.3
0°-60°	3020	51.2	74.1
0°-90°	4077	69.1	100.0
Total Luminaire	4077	69	100.0

LUMINANCE DATA (CD/M²)

Vertical Angle	0°	45°	90°
45°	1620	1797	2014
55°	1387	1776	2138
65°	1162	1929	2515
75°	984	2298	3178
85°	735	1192	1535

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	30	10	50	10
Wall	82	82	82	82	80	80	80	80	77	77	74	74	74	74	71	71	69	69	65	65
RCR 0	82	82	82	82	80	80	80	80	77	77	74	74	71	71	69	69	65	65		
1	75	72	69	66	73	70	65	67	63	65	61	62	59	58	58	58	58			
2	68	63	58	54	66	61	53	59	52	52	51	51	50	48	48	48	48			
3	62	55	49	45	61	54	44	52	44	44	43	43	42	41	41	41	41			
4	57	49	43	38	55	48	38	46	37	37	37	37	36	35	35	35	35			
5	52	43	37	32	50	42	32	41	31	31	31	31	30	29	29	29	29			
6	48	38	32	27	46	38	27	36	27	27	27	27	26	25	25	25	25			
7	44	34	28	24	43	34	24	33	24	24	24	24	23	22	22	22	22			
8	40	31	25	21	39	30	21	29	20	20	20	20	19	19	19	19	19			
9	37	28	22	18	36	27	18	26	18	18	18	18	17	16	16	16	16			
10	35	25	19	16	34	25	16	24	16	16	16	16	15	14	14	14	14			

Numbers indicate percentage values of reflectivity.

Go to www.focalpointlights.com for additional photometric data.