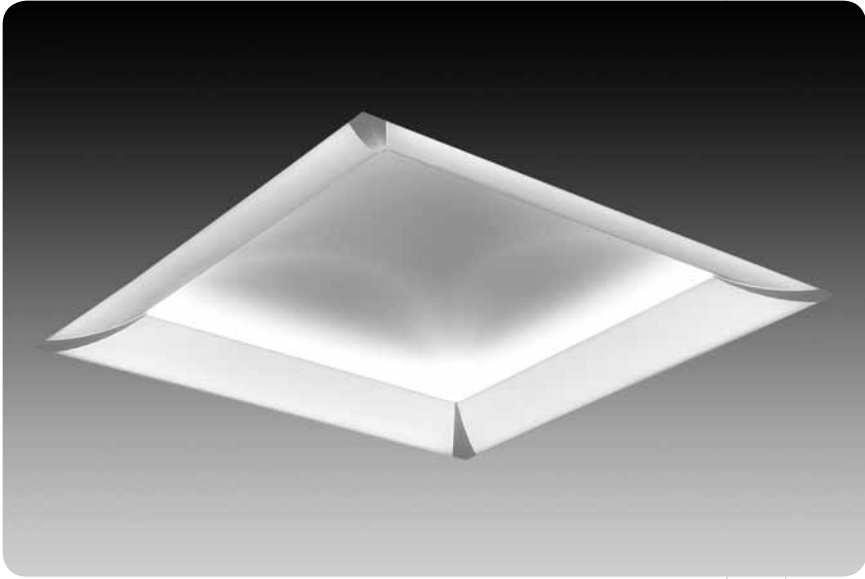


# sky™ 4x4



Covered by the following U.S. Patents: D428,516; 430,339; 437,446; 443,949.

## features

4'x4' recessed indirect with four-sided perforated diffuser and domed reflector

Seamless, one-piece reflector design inspired by quadripartite vault form seen in Romanesque and Gothic architecture.

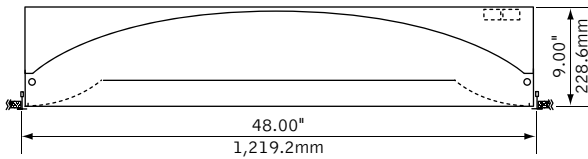
Captive one-piece four-sided perforated lamp shield unlocks and lowers to provide easy lamp access.

Designed for easy installation in any ceiling condition including grid & drywall.

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

Sky™ is a truly unique luminaire that makes a distinct aesthetic statement in boardrooms, corridors, lobbies, concourses or any open area.

## dimensional data



## lamping options



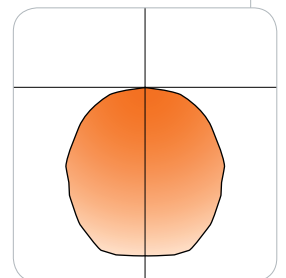
T5/T5H0 LAMPS



T8 LAMPS

## performance

4-Lamp T5H0  
55.5% Efficiency  
3693 cd @ 0°



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

march 2012 C

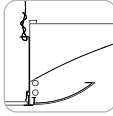
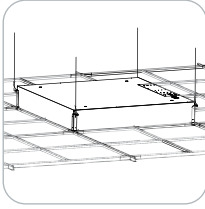
fixture:

project:

### mounting information

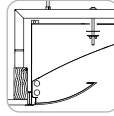
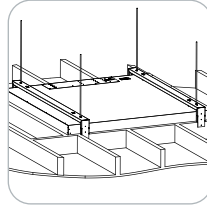
#### grid

Luminaire installs easily into most grid ceiling conditions. Reference Focal Point Instruction Sheet **IS0193** for complete details.



#### drywall/flange

Luminaire also installs into drywall ceiling conditions with ease. Reference Focal Point Instruction Sheet **IS0194** for complete details.



note: Luminaire can not be row mounted.

### specifications

#### construction

- One-piece 20 Ga. steel reflector and housing.
- Four-piece 22 Ga. steel perforated lamp shield with corner casting.
- Two-piece 16 Ga. support brackets supplied for drywall mounting.
- Top or bottom access 14 Ga. aluminum ballast compartment.

weight: 83 lbs

#### optic

Seamless one-piece 20 Ga. steel quadripartite 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

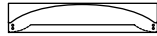
Polyester powder coat applied over a 5-stage pre-treatment.

### ordering

luminaire series	Sky	FSK	<u>FSK</u>
nominal size	4' x 4'	44	<u>44</u>
distribution	Bi-Directional	B	<u>B</u>
lamp quantity	Four Lamp	4	_____
	Eight Lamp (T5/T5H0 only)	8	_____
lamp type	T5	T5	_____
	T5H0	T5H0	_____
	T8	T8	_____
ballast	Electronic Instant Start <10% THD (T8 only)	E	_____
	Electronic Program Start <10% THD	S	_____
	Electronic Dimming Ballast*	D	_____
voltage	120 Volt	120	_____
	277 Volt	277	_____
	347 Volt	347	_____
mounting	Grid	G	_____
	(* Luminaire sits on top of 9/16" slot tee.)		
	Drywall Flange	F	_____
	Cut out dimensions: 48.375" x 48.375"		
shielding	Perforated Shield	PS	<u>PS</u>
factory options	Air Return	AR	_____
	Chicago Plenum	CP	_____
	Emergency Battery Pack*	EM	_____
	Earthquake Clip	EQ	_____
	HLR/GLR Fuse	FU	_____
	Flex Whip*	FW	_____
	Include 3000K Lamp*	L830	_____
	Include 3500K Lamp*	L835	_____
	Include 4100K Lamp*	L841	_____
	Separate Circuit* (may cause loss of uniformity)	SC	_____
	Lutron™ Sensor Feed* (EcoSystem ballast required)	SF	_____
finish	Matte Satin White	WH	<u>WH</u>

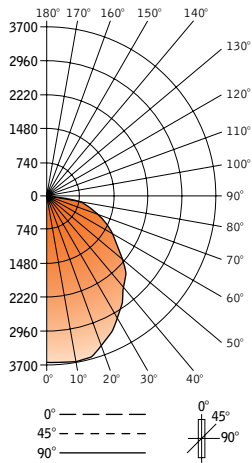
\* for more information see Reference section.

# sky™ 4x4



Filename: FSK444T5HPS.IES  
 Catalog #: FSK-44-B-4-T5H0-S-120-G-PS-120-WH  
 Efficiency: 56%  
 Test #: 11606.0

## CANDLEPOWER DISTRIBUTION



Spacing 1.2  
 Criterion: 1.2

Vertical Angle	Horizontal Angle				Zonal Lumens
	0°	22.5°	45°	67.5°	
0°	3693	3693	3693	3693	3693
5°	3638	3636	3635	3635	347
15°	3593	3590	3586	3589	3580
25°	3247	3242	3239	3242	3239
35°	2814	2807	2804	2811	2816
45°	2501	2491	2491	2499	2510
55°	1921	1917	1914	1926	1934
65°	1422	1424	1418	1425	1424
75°	977	966	954	962	977
85°	352	339	335	366	372
90°	17	17	17	17	17
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°	2865	14.3	25.8
0°-40°	4630	23.1	41.7
0°-60°	8287	41.4	74.6
0°-90°	11102	55.5	100.0
<b>Total Luminaire</b>	<b>0°-180° 11102</b>	<b>55.5</b>	<b>100.0</b>

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

Vertical Angle	0°	45°	90°
45°	2476	2466	2485
55°	2344	2336	2360
65°	2355	2349	2359
75°	2642	2580	2642
85°	2827	2691	2988

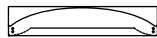
## CO-EFFICIENTS OF UTILIZATION

Floor	80			70			20					
Ceiling	70	50	30	10	70	50	10	50	10	30	10	00
Wall	70	50	30	10	70	50	10	50	10	50	10	00
RCR 0	66	66	66	66	65	65	65	62	62	59	59	56
1	60	58	55	53	59	56	52	54	50	52	49	46
2	55	50	46	43	53	49	43	47	42	45	41	39
3	50	44	40	36	49	43	36	42	35	40	35	33
4	46	39	34	31	45	38	30	37	30	36	30	28
5	42	35	30	26	41	34	26	33	25	32	25	24
6	38	31	26	22	37	30	22	29	22	28	22	20
7	35	28	23	19	34	27	19	26	19	26	19	18
8	33	25	20	17	32	24	17	24	17	23	16	15
9	30	22	18	14	29	22	14	21	14	21	14	13
10	28	20	16	13	27	20	13	19	13	19	13	11

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

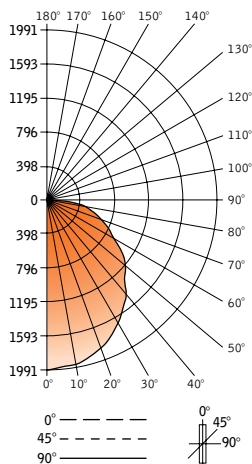
Numbers indicate percentage values of

# sky™ 4x4



Filename: FSK444T8PS.IES  
 Catalog #: FSK-44-B-4-T8-E-120-G-PS-120-WH  
 Efficiency: 52%  
 Test #: 16483.0

## CANDLEPOWER DISTRIBUTION



Spacing 1.2  
 Criterion: 1.2

Vertical Angle	Horizontal Angle				Zonal Lumens
	0°	22.5°	45°	67.5°	
0°	1991	1991	1991	1991	1991
5°	1962	1960	1958	1960	187
15°	1902	1901	1901	1902	539
25°	1764	1759	1759	1759	815
35°	1541	1539	1539	1541	968
45°	1277	1273	1277	1280	989
55°	1058	1057	1060	1065	952
65°	786	791	800	800	790
75°	550	550	557	562	589
85°	230	230	214	232	248
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°	1541	13.1	25.4
0°-40°	2509	21.3	41.3
0°-60°	4450	37.7	73.2
0°-90°	6077	51.5	100.0
<b>Total Luminaire</b>	<b>0°-180° 6077</b>	<b>51.5</b>	<b>100.0</b>

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

Vertical Angle	0°	45°	90°
45°	1264	1264	1271
55°	1291	1294	1305
65°	1302	1325	1325
75°	1488	1506	1525
85°	1847	1719	1904

## CO-EFFICIENTS OF UTILIZATION

Floor	80			70			20					
Ceiling	70	50	30	10	70	50	10	50	10	30	10	00
Wall	70	50	30	10	70	50	10	50	10	50	10	00
RCR 0	61	61	61	61	60	60	60	57	57	55	55	52
1	56	53	51	49	54	52	48	50	46	48	45	43
2	51	46	43	39	49	45	39	43	38	42	37	35
3	46	41	36	33	45	40	33	38	32	37	32	30
4	42	36	31	28	41	35	28	34	27	33	27	25
5	39	32	27	23	37	31	23	30	23	29	23	21
6	35	28	24	20	34	28	20	27	20	26	20	19
7	33	25	21	18	32	25	18	24	17	23	17	16
8	30	23	18	15	29	22	15	22	15	21	15	14
9	28	21	16	13	27	20	13	20	13	19	13	12
10	26	19	14	12	25	18	12	18	12	17	11	10

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Numbers indicate percentage values of