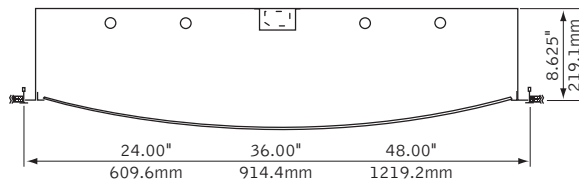


surface/pendant
mount companion

DIMENSIONAL DATA



lamping options

2' diameter



BIAX LAMPS



T8 LAMPS



T5/T5HO LAMPS

3' diameter



T8 LAMPS



T5/T5HO LAMPS

4' diameter



T8 LAMPS



T5/T5HO LAMPS

FEATURES

2', 3' and 4' diameter recessed direct fluorescent with frosted acrylic lens.

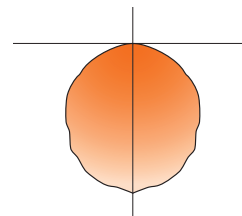
Lens options include textured concave, convex, or smooth high performance flat.

Frosted acrylic lens provides smooth distribution and eliminates lamp image.

Universal ceiling trim rings are suitable for both grid & drywall applications.

Skydome™ is an excellent choice for open public spaces such as airport concourses, large lobbies, reception areas and meeting rooms.

PERFORMANCE



PRODUCT OVERVIEW

Lumen Output: 850-18400lm

Wattage: 32-472W

Lamping: BiAx, T5, T5HO, T8

4' Diameter
6-Lamp T8
Concave Lens

49% Efficient

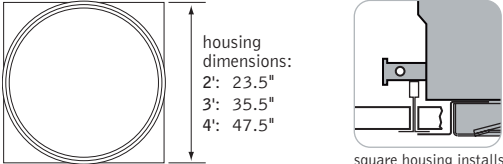
3055 cd @ 10°

Visit focalpointlights.com for complete photometric data.

fixture:

project:

MOUNTING INFORMATION



housing dimensions:
 2': 23.5"
 3': 35.5"
 4': 47.5"

square housing installs easily into grid ceiling.

Luminaire must be installed prior to drywall ceiling.

SPECIFICATIONS

Construction

Two-piece 20 Ga. steel reflector and housing. Spun steel trim ring and doorframe. Bottom access 20 Ga. steel ballast compartment. 2' unit weight: 37 lbs., 3' unit weight: 53 lbs., 4' unit weight: 78 lbs.

Optic

One-piece 20 Ga. steel reflector finished in High Reflectance White powder coat. .125" white acrylic is held by one-piece spun steel doorframe and secured to the housing by torsion springs. Lens available in concave, convex or high performance flat.

Electrical

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

Labels

UL and cUL listed.

Finish

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

ORDERING

		FSD
Luminaire Series		
Skydome	FSD	
Nominal Size		
2' Diameter	22	
3' Diameter	33	
4' Diameter	44	
Shielding		
Concave Lens	CR	
Convex Lens	CX	
High Performance Flat Lens	FLXP	
Lamp Quantity		
Two Lamp	2	
(2' Diameter Only)		
Four Lamp	4	
(Not recommended for 4' luminaires with Concave Lens due to lamp image)		
Six Lamp	6	
Eight Lamp	8	
(4' Diameter Only)		
Lamp Type		
40 Watt Biax	BX40	
(2' Diameter Only)		
50 Watt Biax	BX50	
(2' Diameter Only)		
55 Watt Biax	BX55	
(2' Diameter Only)		
T8	T8	
T5	T5	
T5HO	T5HO	
Circuit		
Single Circuit	1C	
Dual Circuit	2C	
(may cause loss of uniformity)		
Voltage		
120 Volt	120	
277 Volt	277	
347 Volt	347	
UNV Volt	UNV	
(Cannot be specified with EM option)		
Ballast		
Electronic Instant Start	E	
(maximum <20% THD)		
(not available with T5, T5HO or BX55)		
Electronic Program Start <10% THD	S	
Electronic Dimming Ballast*	D	
Mounting		U
Universal	U	
Factory Options		
Chicago Plenum	CP	
Emergency Battery Pack*	EM	
HLR/GLR Fuse	FU	
Flex Whip*	FW	
Include 3000K Lamp*	L830	
Include 3500K Lamp*	L835	
Include 4100K Lamp*	L841	
Lutron™ Sensor Feed*	SF	
(EcoSystem ballast required)		
Finish		WH
Matte Satin White	WH	

Skydome™

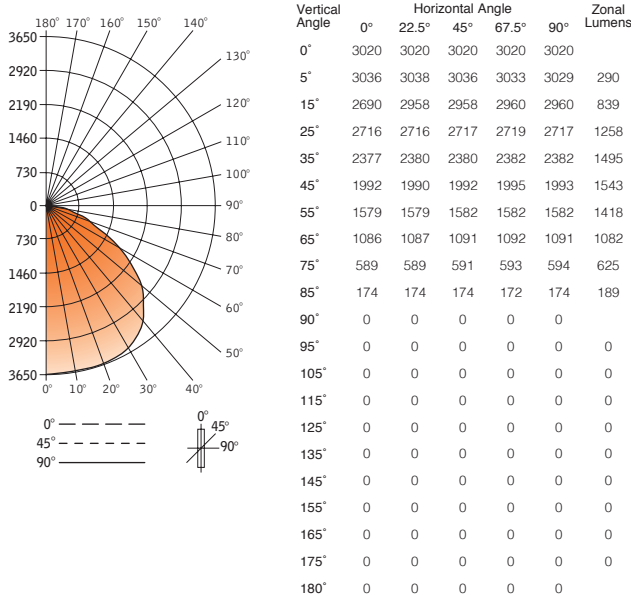
FLUORESCENT

FSD-44-D-6-T8-E-120-U-CR-WH

Filename: FSD446T8CR.IES
 Test #: 14296.0

Lumens: 8739lm
 Efficiency: 49%

CANDELPWER DISTRIBUTION



LUMEN SUMMARY

Zone	Lumens	% Lamp	% Fixture
0-30°	2386	13.5	27.3
0-40°	3881	21.9	44.4
0-60°	6843	38.7	78.3
0-90°	8739	49.4	100.0
Total Luminaire 0-180°	8739	49.4	100.0

LUMINANCE DATA (CD/M²)

Vertical Angle	0°	45°	90°
45°	2882	2882	2884
55°	2817	2822	2822
65°	2629	2641	2641
75°	2328	2336	2348
85°	2043	2043	2043

CO-EFFICIENTS OF UTILIZATION

Floor Ceiling Wall	80				70			20		30		10		00
	70	50	30	10	70	50	10	50	10	50	10	50	10	00
RCR 0	59	59	59	59	57	57	57	55	55	53	53	50	50	49
1	54	52	50	48	53	51	47	49	46	47	44	45	43	42
2	49	45	42	40	48	45	39	43	38	41	37	40	36	35
3	45	40	36	33	44	40	33	38	35	37	34	35	31	30
4	41	36	32	28	40	35	28	34	28	33	27	32	27	26
5	38	32	27	24	37	31	24	30	24	29	23	28	23	22
6	35	28	24	21	34	28	21	27	20	26	20	25	20	19
7	32	25	21	18	31	25	18	24	18	23	18	23	18	17
8	30	23	19	16	29	22	16	22	15	21	15	21	15	14
9	27	20	16	13	26	20	13	20	13	19	13	18	13	12
10	25	19	15	12	25	18	12	18	12	17	12	17	12	11

Numbers indicate percentage values of reflectivity.

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

Skydome™

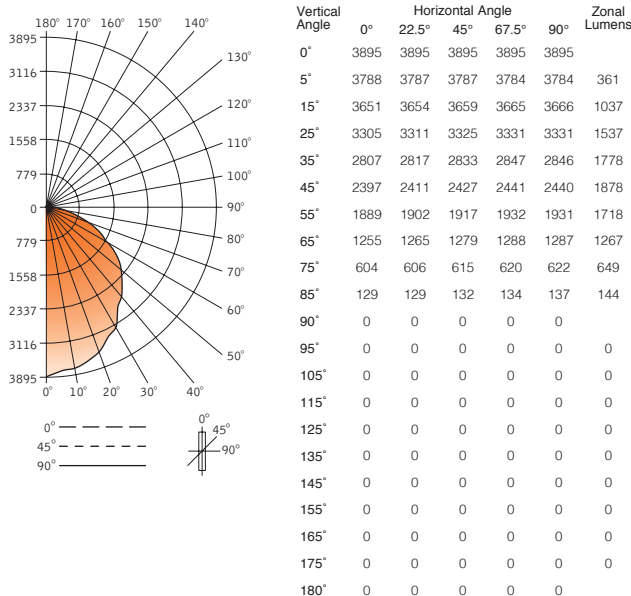
FLUORESCENT

FSD-44-D-6-T8-E-120-U-FLXP-WH

Filename: FSD446T8FLXP.IES
 Test #: 15279.0

Lumens: 10370lm
 Efficiency: 59%

CANDELPWER DISTRIBUTION



LUMEN SUMMARY

Zone	Lumens	% Lamp	% Fixture
0-30°	2936	16.6	28.3
0-40°	4714	26.6	45.5
0-60°	8310	46.9	80.1
0-90°	10370	58.6	100.0
Total Luminaire 0-180°	10370	58.6	100.0

LUMINANCE DATA (CD/M²)

Vertical Angle	0°	45°	90°
45°	2740	2774	2788
55°	2662	2701	2720
65°	2401	2446	2461
75°	1885	1919	1941
85°	1196	1221	1272

CO-EFFICIENTS OF UTILIZATION

Floor Ceiling Wall	80				70			20		30		10		00
	70	50	30	10	70	50	10	50	10	50	10	50	10	00
RCR 0	70	70	70	70	68	68	68	65	65	62	62	60	60	59
1	64	62	59	57	63	60	56	58	55	56	53	54	52	50
2	59	55	51	48	57	53	47	51	46	49	45	48	44	43
3	54	48	44	40	53	47	40	46	39	44	39	43	38	37
4	50	43	38	34	48	42	34	41	34	39	33	38	33	32
5	45	38	33	29	44	37	29	36	29	35	28	34	28	27
6	42	34	29	25	41	33	25	31	25	31	25	31	24	23
7	38	31	25	22	37	30	22	29	22	28	22	28	21	20
8	35	27	22	19	34	27	19	26	19	25	19	25	19	17
9	33	25	20	16	32	24	16	24	16	23	16	22	16	15
10	30	22	18	15	29	22	14	21	14	21	14	20	14	13

Numbers indicate percentage values of reflectivity.

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