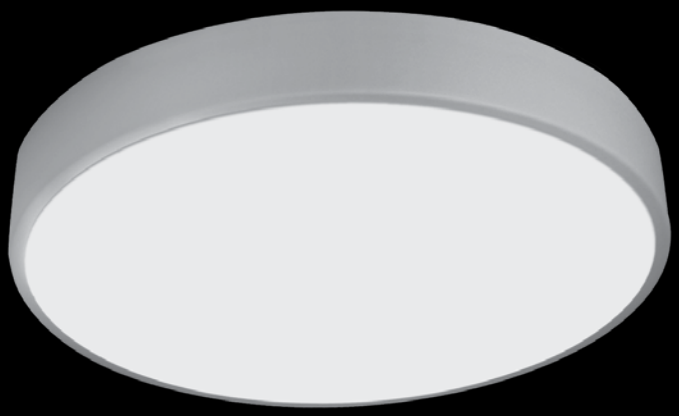
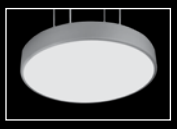
Skydome™

FLUORESCENT SURFACE MOUNT

FOCAL POINT®

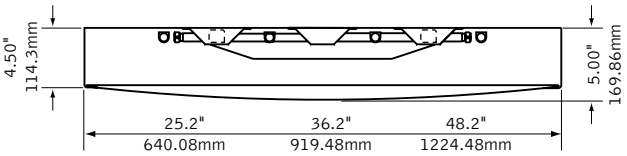




pendant companion

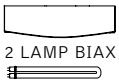
recessed companion

DIMENSIONAL DATA



lamping options

2' diameter



2 LAMP BIAX

3' diameter

6 LAMP T5 & T5HO

4' diameter

7 LAMP T5 & T5HO
(4)- 2' lamps & (3)- 3' lamps

FEATURES

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

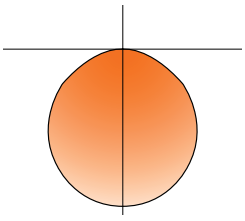
Frosted acrylic lens is textured on one side to provide smooth distribution and eliminate lamp image.

Multiple lamp options provide a variety of light output.

Convex lens design and precision lamp placement ensures an evenly illuminated diffuser.

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

PERFORMANCE



3' Diameter
6–Lamp T5HO

59 % Efficient

3877 cd @ 0˚

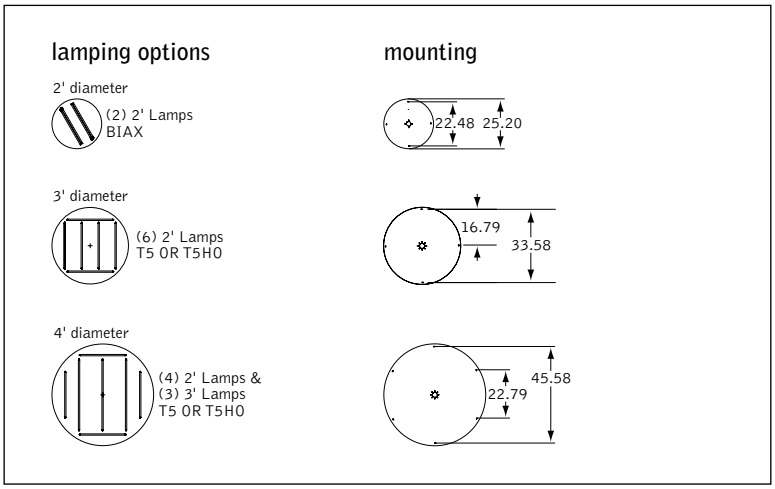
PRODUCT OVERVIEW

Lumen Output:	850-10572lm
Wattage:	30-215W
Lamping:	Biax, T5, T5HO

Visit focalpointlights.com for complete photometric data.

fixture: project:

MOUNTING INFORMATION



SPECIFICATIONS

Construction

One-piece 16 Ga. spun steel housing. One-piece 18 Ga. spun steel mounting plate. Housing and lens is secured to mounting plate by torsion springs. Bottom access to 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. Convex lens of .125" thick white acrylic is secured to housing and removed with torsion springs.

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

Luminaire Series		**FSD**
Skydome	FSD	
Nominal Size		
2' Diameter	22	
3' Diameter	33	
4' Diameter	44	
Shielding		**CX**
Convex Lens	CX	
Lamp Quantity		
2' Diameter (Lamp image will be visible)		
Two Lamp 40W Biax	2-BX40	
3' Diameter		
Six Lamp T5	6-T5	
Six Lamp T5HO	6-T5HO	
4' Diameter		
(3) 21w T5 & (4) 14w T5	7-T5	
(3) 39w T5HO & (4) 24w T5HO	7-T5HO	
Circuits		
Single Circuit	1C	
Dual Circuit (May cause loss of uniformity)	2C	
Voltage		
120 Volt	120	
277 Volt	277	
347 Volt (Consult factory for dimming options)	347	
UNV Volt (Cannot be specified with EM option)	UNV	
Ballast		
Electronic Program Start <10% THD	S	
0-10V	D7	
Lutron 1% 3-wire (5% for Biax)	DH	
Lutron 1% H-Series (5% Hi-Lume 3D for Biax)	DK	
Mounting		**SM**
Surface Mount	SM	
Factory Options		
Emergency Battery Pack*	EM	
HLR/GLR Fuse	FU	
6' New York City Flex Whip	FNY	
6' Flex Whip	FW	
Include 3000K Lamp*	L830	
Include 3500K Lamp*	L835	
Include 4100K Lamp*	L841	
Finish		
Matte Satin White	WH	
Titanium Silver	TS	

*For more information visit focalpointlights.com/reference or consult factory.

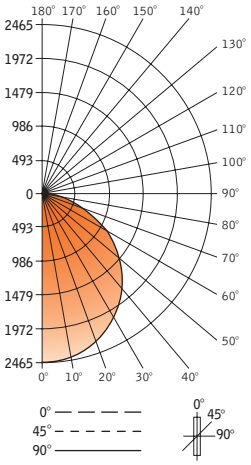
Skydome™

FLUORESCENT SURFACE MOUNT

FSD-33-D-6T5HO-E-120-SM-CX-WH

Filename: FSD336T5H.IES
Test #: 12353.0
Lumens: 7123lm
Efficiency 59%

CANDELPOWER DISTRIBUTION



Vertical Angle	Horizontal Angle 0°	22.5°	45°	67.5°	90°	Zonal Lumens
0°	2462	2462	2462	2462	2462	
5°	2461	2451	2451	2449	2451	234
15°	2379	2370	2369	2368	2369	672
25°	2211	2198	2210	2206	2212	1021
35°	1969	1956	1961	1963	1967	1233
45°	1655	1642	1655	1648	1661	1278
55°	1277	1278	1282	1281	1281	1148
65°	894	873	882	880	900	877
75°	479	469	483	472	468	502
85°	146	139	140	134	146	153
90°	48	49	43	45	45	
95°	6	5	3	6	7	6
105°	0	0	0	0	0	0
115°	0	0	0	0	0	0
125°	0	0	0	0	0	0
135°	0	0	0	0	0	0
145°	0	0	0	0	0	0
155°	0	0	0	0	0	0
165°	0	0	0	0	0	0
175°	0	0	0	0	0	0
180°	0	0	0	0	0	

LUMEN SUMMARY

	Zone	Lumens	% Lamp	% Fixture
	0-30°	1927	16.1	27.1
	0-40°	3160	26.3	44.4
	0-60°	5586	46.6	78.4
	0-90°	7117	59.3	99.9
Total Luminaire	0-180°	**7123**	**59**	**100.0**

LUMINANCE DATA (CD/M²)

Vertical Angle	0°	45°	90°
45°	4130	3889	3903
55°	3929	3623	3620
65°	3733	3250	3316
75°	3266	2674	2591
85°	2956	1658	1729

CO-EFFICIENTS OF UTILIZATION

Floor		80				70			20		50		30		10		00
Ceiling									50								
Wall		70	50	30	10	70	50	10	50	10	50	10	50	10	50	10	00
RCR	0	71	71	71	71	69	69	69	66	66	63	63	61	61	59		
	1	65	62	60	58	63	61	57	58	55	56	53	54	52	50		
	2	59	55	51	48	58	54	47	52	46	50	45	48	44	43		
	3	54	48	44	40	53	48	40	46	39	44	38	43	38	36		
	4	50	43	38	34	49	42	34	41	33	39	33	38	33	31		
	5	46	38	33	29	44	37	29	36	28	35	28	34	28	27		
	6	42	34	29	25	41	33	25	32	25	31	24	30	24	23		
	7	39	31	25	22	38	30	22	29	21	28	21	27	21	20		
	8	35	27	22	19	35	27	19	26	19	25	18	25	18	17		
	9	33	24	20	16	32	24	16	23	16	23	16	22	16	15		
	10	30	22	17	14	29	22	14	21	14	21	14	20	14	13		

Numbers indicate percentage values of reflectivity.

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

note: Photometric testing performed in an independent lab with standard lamps and ballasts. Lamp and ballast type and configuration will affect photometric performance.