

# Skydome™

FLUORESCENT SURFACE MOUNT



FOCAL POINT®

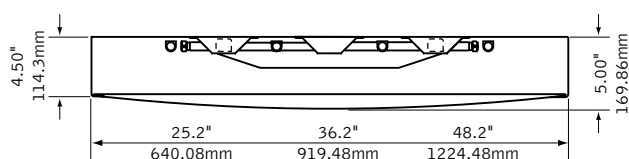


pendant companion



recessed companion

## DIMENSIONAL DATA



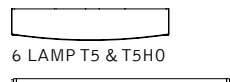
### lamping options

2' diameter



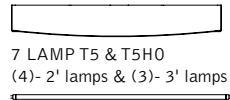
2 LAMP BIAX

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.

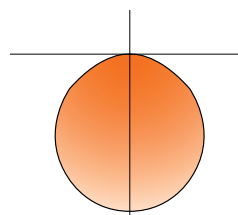
Frosted acrylic lens is textured on one side to provide smooth distribution and eliminate lamp image.

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

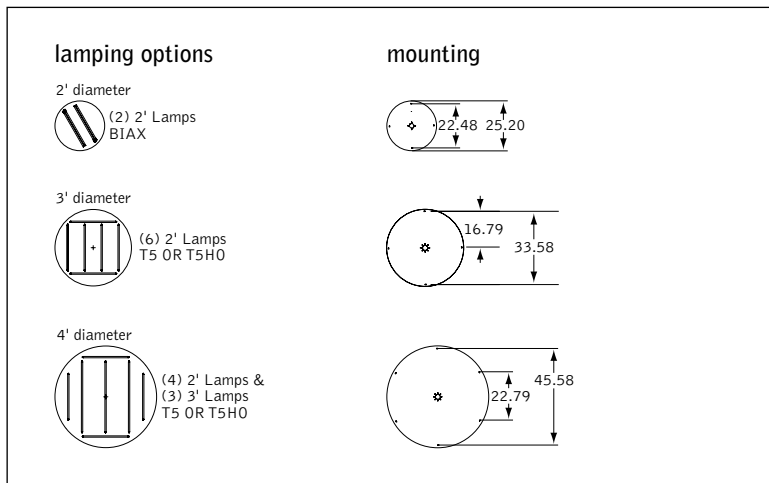
Lumen Output: 850-10572lm  
Wattage: 30-215W  
Lamping: Biax, T5, T5HO

Visit [focalpointlights.com](http://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**

<b>Luminaire Series</b>	<b>FSD</b>	<b>FSD</b>
Skydome	FSD	_____
<b>Nominal Size</b>		_____
2' Diameter	22	_____
3' Diameter	33	_____
4' Diameter	44	_____
<b>Shielding</b>		<b>CX</b>
Convex Lens	CX	_____
<b>Lamp Quantity</b>		_____
<b>2' Diameter</b>		_____
<small>(Lamp image will be visible)</small>		
Two Lamp 40W BiAx	2-BX40	_____
<b>3' Diameter</b>		_____
Six Lamp T5	6-T5	_____
Six Lamp T5HO	6-T5HO	_____
<b>4' Diameter</b>		_____
(3) 21w T5 & (4) 14w T5	7-T5	_____
(3) 39w T5HO & (4) 24w T5HO	7-T5HO	_____
<b>Circuits</b>		_____
Single Circuit	1C	_____
Dual Circuit	2C	_____
<small>(May cause loss of uniformity)</small>		
<b>Voltage</b>		_____
120 Volt	120	_____
277 Volt	277	_____
347 Volt	347	_____
<small>(Consult factory for dimming options)</small>		
UNV Volt	UNV	_____
<small>(Cannot be specified with EM option)</small>		
<b>Ballast</b>		_____
Electronic Program Start <10% THD	S	_____
0-10V	D7	_____
Lutron 1% 3-wire	DH	_____
<small>(5% for BiAx)</small>		
Lutron 1% H-Series	DK	_____
<small>(5% Hi-Lume 3D for BiAx)</small>		
<b>Mounting</b>		<b>SM</b>
Surface Mount	SM	_____
<b>Factory Options</b>		_____
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	_____
<b>Finish</b>		_____
Matte Satin White	WH	_____
Titanium Silver	TS	_____

# Skydome™

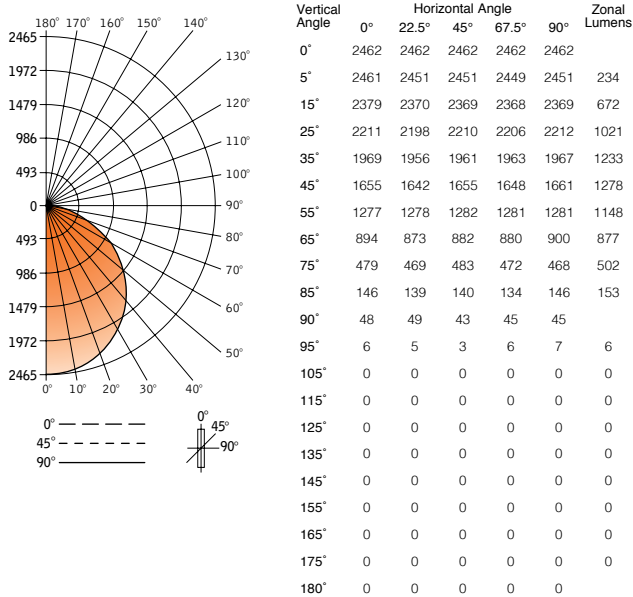
FLUORESCENT SURFACE MOUNT

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

Filename: FSD336T5H.IES  
 Test #: 12353.0

Lumens: 7123lm  
 Efficiency: 59%

### CANDLEPOWER DISTRIBUTION



### 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
<b>Total Luminaire 0-180°</b>	<b>7123</b>	<b>59</b>	<b>100.0</b>

### 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

	80				70				20				30				10				00			
Floor	70	50	30	10	70	50	10	50	10	50	10	50	10	50	10	50	10	50	10	50	10	50	10	
Ceiling	71	71	71	71	69	69	69	66	66	63	63	61	61	61	61	61	61	61	61	61	61	59	59	
Wall	71	71	71	71	69	69	69	66	66	63	63	61	61	61	61	61	61	61	61	61	61	59	59	
RCR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	
1	65	62	60	58	63	61	57	58	55	56	53	54	52	50	50	48	44	43	43	43	43	43	43	
2	59	55	51	48	58	54	47	52	46	50	45	48	44	43	43	43	43	43	43	43	43	43	43	
3	54	48	44	40	53	48	40	46	39	44	38	43	38	36	36	36	36	36	36	36	36	36	36	
4	50	43	38	34	49	42	34	41	33	39	33	38	33	31	31	31	31	31	31	31	31	31	31	
5	46	38	33	29	44	37	29	36	28	35	28	34	28	27	27	27	27	27	27	27	27	27	27	
6	42	34	29	25	41	33	25	32	25	31	24	30	24	23	23	23	23	23	23	23	23	23	23	
7	39	31	25	22	38	30	22	29	21	28	21	27	21	20	20	20	20	20	20	20	20	20	20	
8	35	27	22	19	35	27	19	26	19	25	18	25	18	17	17	17	17	17	17	17	17	17	17	
9	33	24	20	16	32	24	16	23	16	23	16	22	16	16	16	16	16	16	16	16	16	16	16	
10	30	22	17	14	29	22	14	21	14	21	14	20	14	14	14	14	14	14	14	14	14	14	14	

Numbers indicate percentage values of reflectivity.

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