

stem/cable mount
skydome™



features

Pendant mount fluorescent round dome with acrylic diffuser.

Nominal 2', 3' or 4' diameter housings are available.

Shallow 4.5" deep housing maintains low profile.

Convex lens design ensures an evenly illuminated diffuser.

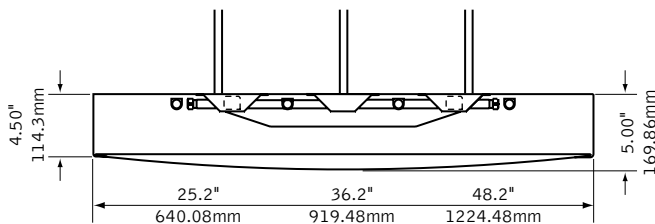
Skydome™ is a good choice for open public spaces such as airport concourses, large lobbies, reception areas, schools and meeting rooms.

companion luminaire



surface mount

dimensional data

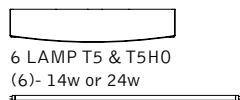


lamping options

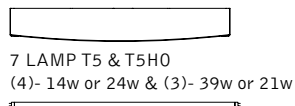
2' diameter



3' diameter

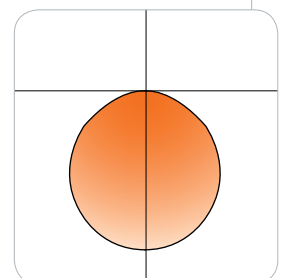


4' diameter



performance

6-Lamp T5H0
 59% Efficiency
 3877 cd @ 0°



Visit focalpointlights.com for complete photometric data.

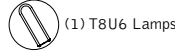
fixture:

project:

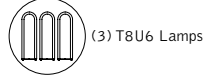
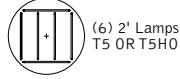
details

lamping options

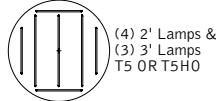
2' diameter



3' diameter

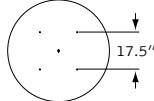
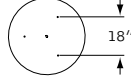
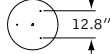


4' diameter



mounting

Hole Locations



specifications

construction

16 Ga. spun steel housing.

18 Ga. spun steel mounting pan.

Housing available in 25.2", 36.12" or 48.2" diameter x 4.5"H.

Housing secured to mounting pan by torsion springs.

2' unit weight: 28 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

Factory installed SJT power cord at feed location is included.

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		FSD
Skydome	FSD	
nominal size		
2' Diameter	22	
3' Diameter	33	
4' Diameter	44	
distribution		<u>D</u>
Direct Symmetrical	D	
lamp quantity		
2' Diameter		
Two Lamp 55W BiAx	2BX55	
One Lamp T8U6	1T8U6	
3' Diameter		
Three Lamp T8U6	3T8U6	
Six Lamp T5	6T5	
Six Lamp T5HO	6T5HO	
4' Diameter		
Five Lamp T8U6	5T8U6	
(3) 21w T5 & (4) 14w T5	7T5	
(3) 39w T5HO & (4) 24w T5HO	7T5HO	
ballast		
Electronic Instant Start <20% THD (not available for T5/T5HO)	E	
Electronic Program Start <10% THD	S	
Electronic Dimming Ballast*	D	
voltage		
120 Volt	120	
277 Volt	277	
347 Volt	347	
mounting		
48" Aircraft Cable	C48	
24" Aircraft Cable	C24	
96" Aircraft Cable	C96	
6" Rigid Stem	S6	
12" Rigid Stem	S12	
18" Rigid Stem	S18	
24" Rigid Stem	S24	
36" Rigid Stem	S36	
48" Rigid Stem	S48	
(consult factory for other lengths)		
shielding		<u>CX</u>
Convex Lens	CX	
factory options		
Emergency Battery Pack*	EM	
HLR/GLR Fuse	FU	
Include 3000K Lamp	L830	
Include 3500K Lamp	L835	
Include 4100K Lamp	L841	
Separate Circuit* (may cause loss of uniformity)	SC	
finish		
Matte Satin White	WH	
Titanium Silver	TS	

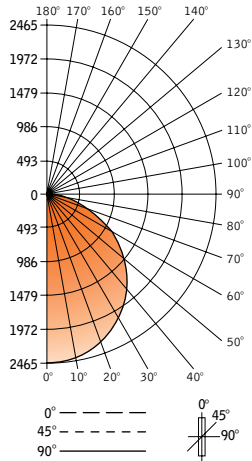
* for more information see Reference section.

surface mount skydome™



Filename: FSD336T5H.IES
 Catalog #: FSD-33-D-6T5H0-E-120-SM-CX-WH
 Efficiency: 59%
 Test #: 12353.0

CANDLEPOWER DISTRIBUTION



Spacing 1.3
 Criterion: 1.3

Vertical Angle	Horizontal Angle				Zonal Lumens
	0°	22.5°	45°	67.5°	
0°	2462	2462	2462	2462	2462
5°	2461	2451	2451	2449	2451
15°	2379	2370	2369	2368	2369
25°	2211	2198	2210	2206	2212
35°	1969	1956	1961	1963	1967
45°	1655	1642	1655	1648	1661
55°	1277	1278	1282	1281	1281
65°	894	873	882	880	900
75°	479	469	483	472	468
85°	146	139	140	134	146
90°	48	49	43	45	45
95°	6	5	3	6	7
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°	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°		

LUMINANCE DATA (CD/M²)

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

CO-EFFICIENTS OF UTILIZATION

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

Numbers indicate percentage values of