

**Filename: FN 6xT5-SPECULAR REFLECTOR**

Manufacturer: Stanpro

Luminaire: 6/54W T5HO C LAMP 51.5x14.5x6"ENCLOSED &
GASKETED LUMINAIRE SPECULAR REFLECTOR
w/CLEAR ACRYLIC DROP LENS UNIVERSAL
BALLAST #B454IUNV-E & B254IUNV-E
WATTS=326

Luminaire Cat: FN4-6LT5-R

Lamp Cat: FP54T5HO/835/C

Lamp Output: 6 lamp(s), rated Lumens/lamp: 4900

Max Candela: 8,460.0 at Horizontal: 90°, Vertical: 15°

Input Wattage: 326

Luminous Opening: Rectangle w/Luminous Sides (L: 4.23ft, W:
1.12ft, H: 0.25ft)

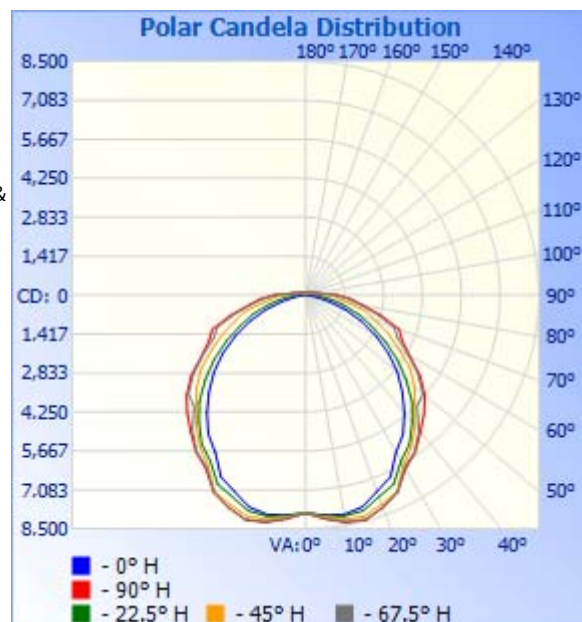
Test: BALLABS TEST NO. 14141.0

Test Lab: BUILDING ACOUSTICS & LIGHTING
LABORATORIES, INC

Photometry : Type C

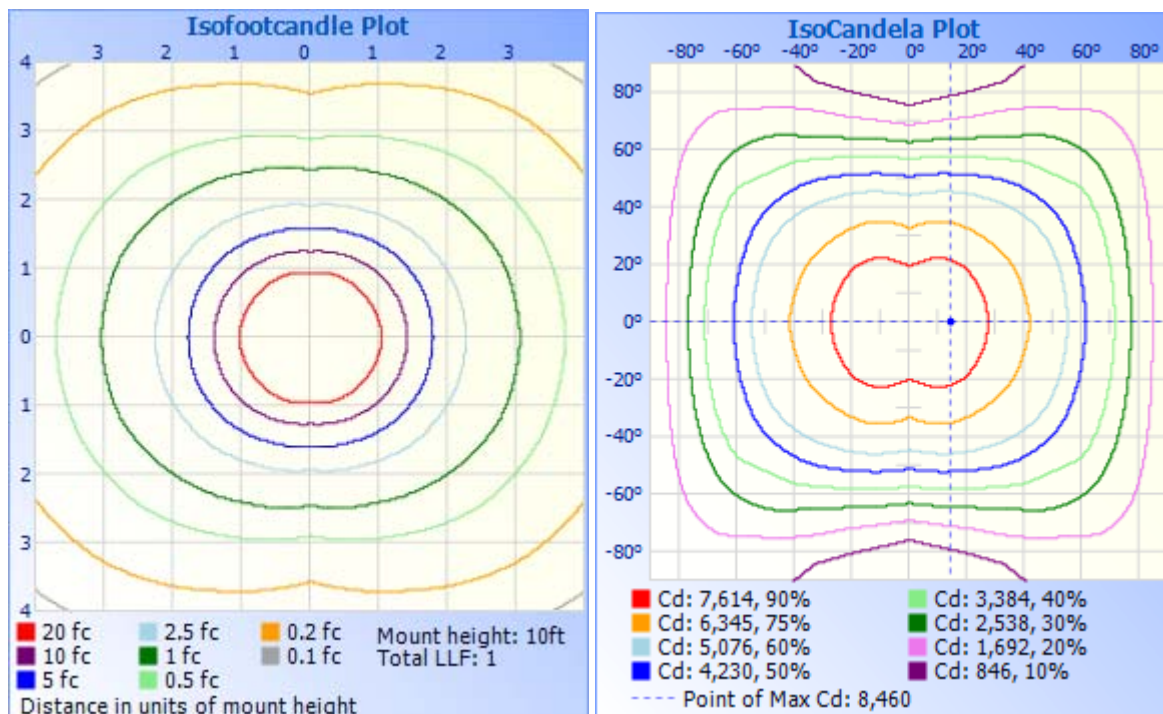
CIE Class: Direct

Cutoff Class: Semicutoff

**Zonal Lumen Summary**

Zone	Lumens	% Lamp	% Luminaire
0-30	6,617.9	22.5%	24.7%
0-40	10,789.9	36.7%	40.2%
0-60	19,152.0	65.1%	71.3%
60-90	6,567.5	22.3%	24.5%
0-90	25,719.5	87.5%	95.8%
90-180	1,127.5	3.8%	4.2%
0-180	26,847.0	91.3%	100%

Efficiency Total: 91.3%



	Center Beam FC	Beam Width
3.0ft	880.56 fc	7.6ft 11.0ft
6.0ft	220.14 fc	15.3ft 21.9ft
9.0ft	97.84 fc	22.9ft 32.9ft
12.0ft	55.03 fc	30.6ft 43.9ft
15.0ft	35.22 fc	38.2ft 54.8ft
18.0ft	24.46 fc	45.9ft 65.8ft

Vert. Spread: 103.7° Horiz. Spread: 122.6°

Coefficients Of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance: 20%

RCC %:	80				70				50				30				10				0
RW %:	70	50	30	0	70	50	30	0	50	30	20	50	30	20	50	30	20	50	30	20	0
RCR: 0	1.08	1.08	1.08	1.08	1.05	1.05	1.05	.87	.99	.99	.99	.94	.94	.94	.90	.90	.90	.90	.90	.90	.87
1	.97	.92	.88	.84	.94	.90	.86	.72	.85	.82	.79	.81	.78	.76	.77	.75	.73	.77	.75	.73	.71
2	.88	.80	.73	.68	.85	.78	.72	.59	.74	.69	.64	.70	.66	.62	.67	.64	.60	.67	.64	.60	.58
3	.80	.70	.62	.56	.77	.68	.61	.50	.65	.59	.54	.62	.57	.52	.59	.55	.51	.59	.55	.51	.49
4	.73	.62	.53	.47	.71	.60	.53	.43	.58	.51	.46	.55	.49	.44	.52	.48	.43	.52	.48	.43	.41
5	.67	.55	.47	.40	.65	.54	.46	.37	.51	.45	.39	.49	.43	.38	.47	.42	.38	.47	.42	.38	.36
6	.62	.50	.41	.35	.60	.48	.41	.33	.46	.39	.34	.44	.38	.34	.43	.37	.33	.43	.37	.33	.31
7	.57	.45	.37	.31	.56	.44	.36	.29	.42	.35	.30	.41	.34	.30	.39	.33	.29	.39	.33	.29	.27
8	.53	.41	.33	.28	.52	.40	.33	.26	.39	.32	.27	.37	.31	.27	.36	.30	.26	.36	.30	.26	.24
9	.50	.38	.30	.25	.48	.37	.30	.23	.35	.29	.24	.34	.28	.24	.33	.28	.24	.33	.28	.24	.22
10	.47	.35	.27	.22	.45	.34	.27	.21	.33	.26	.22	.32	.26	.22	.31	.25	.21	.31	.25	.21	.20

Luminaire Report Summary

IESNA:LM-63-2002
[TEST]BALLABS TEST NO. 14141.0
[TESTLAB] BUILDING ACOUSTICS & LIGHTING LABORATORIES, INC
[ISSUEDATE] 04-JUN-2008
[MANUFAC] Stanpro
[LUMINAIRE] 6/54W T5HO C LAMP 51.5x14.5x6"ENCLOSED & GASKETED LUMINAIRE
[MORE] SPECULAR REFLECTOR w/CLEAR ACRYLIC DROP LENS
[MORE] UNIVERSAL BALLAST #B454IUNV-E & B254IUNV-E WATTS=326
[LUMCAT] FN4-6LT5-R
[LAMPCAT] FP54T5HO/835/C
FILE: CANDELA MULTIPLIER: 1
FILE: VERTICAL ANGLES: 37, HORIZONTAL ANGLES: 5
FILE: COORDINATE SYSTEM: TYPE C
FILE: UNIT OF MEASURE: STANDARD
FILE: BALLAST FACTOR: 1

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Reported data calculated from manufacturer's data file, based on IES recommended methods.