



**Filename:** VN4 2X54T5HO SBR

**Manufacturer:** Stanpro

**Luminaire:** 2/54W T5HO C LAMP 52x7x4"SUSPENDED ENCLOSED  
LUMINAIRE SPECULAR REFLECTOR w/CLEAR LINEAL  
RIBBED ACRYLIC DROP LENS UNIVERSAL BALLAST  
#B254PUNV-D WATTS=100

**Luminaire Cat:** VN4 2X54T5HO SBR

**Lamp Cat:** FP54T5HO/835/C

**Lamp Output:** 2 lamp(s), rated Lumens/lamp: 4900

**Max Candela:** 2,085.0 at Horizontal: 90°, Vertical: 20°

**Input Wattage:** 100

**Luminous Opening:** Rectangle w/Luminous Sides (L: 4.23ft, W: 0.5ft, H:  
0.16ft)

**Test:** BALLABS TEST NO. 14549.0

**Test Lab:** BUILDING ACOUSTICS & LIGHTING LABORATORIES, INC

**Photometry :** Type C

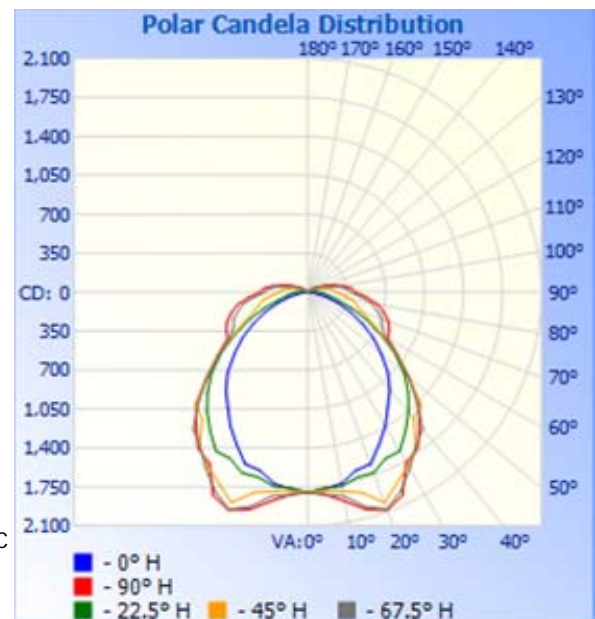
**CIE Class:** Direct

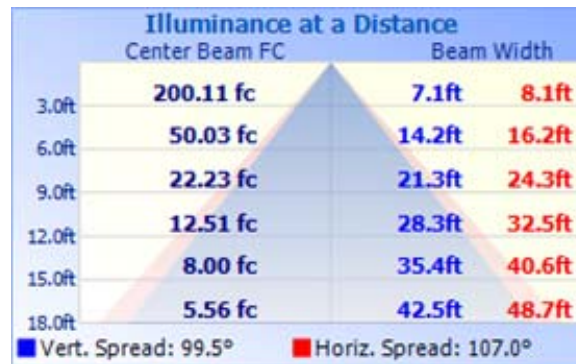
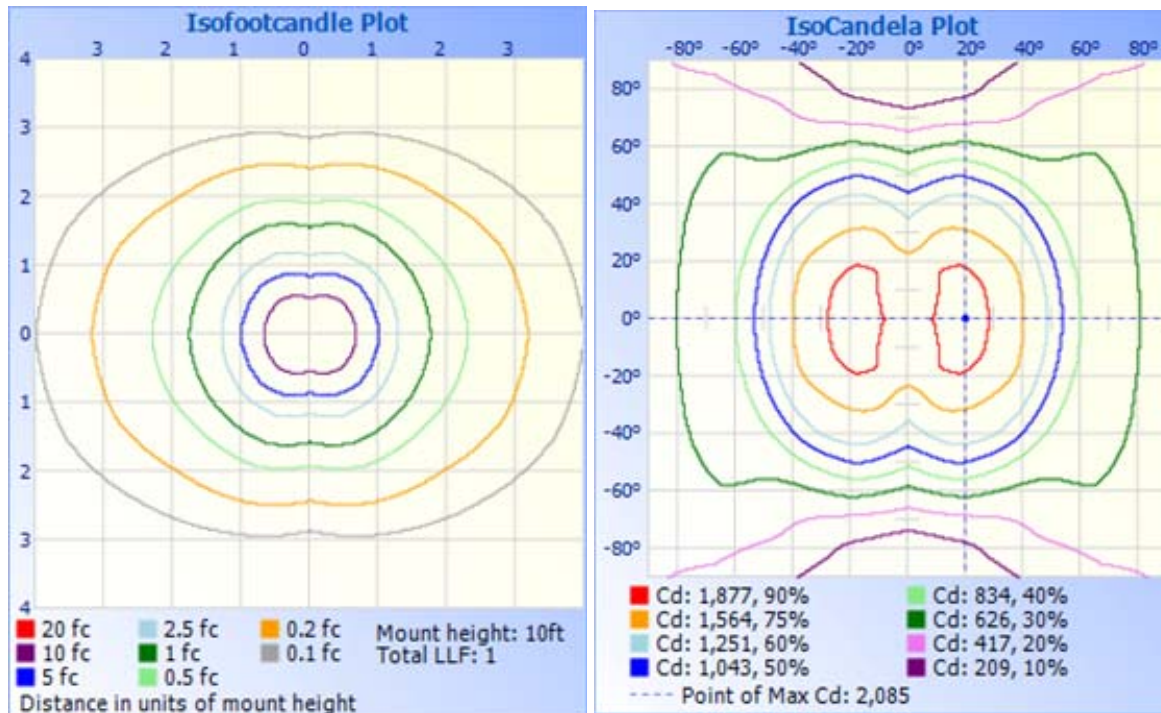
**Cutoff Class:** Semicutoff

#### Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	1,541.1	15.7%	24.4%
0-40	2,539.2	25.9%	40.3%
0-60	4,391.5	44.8%	69.7%
60-90	1,466.3	15%	23.3%
0-90	5,857.8	59.8%	92.9%
90-180	445.3	4.5%	7.1%
0-180	6,303.1	64.3%	100%

Efficiency Total: 64.3%





### 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	.75	.75	.75	.75	.73	.73	.73	.60	.69	.69	.69	.65	.65	.65	.61	.61	.61	.60			
1	.68	.65	.61	.59	.66	.63	.60	.49	.59	.57	.55	.56	.54	.52	.53	.51	.50	.48			
2	.62	.56	.51	.47	.59	.54	.50	.41	.51	.48	.45	.49	.46	.43	.46	.44	.41	.40			
3	.56	.49	.44	.39	.54	.48	.43	.34	.45	.41	.37	.43	.39	.36	.41	.38	.35	.33			
4	.51	.43	.38	.33	.50	.42	.37	.30	.40	.36	.32	.38	.34	.31	.36	.33	.30	.28			
5	.47	.39	.33	.29	.46	.38	.32	.26	.36	.31	.28	.34	.30	.27	.33	.29	.26	.25			
6	.44	.35	.29	.25	.42	.34	.29	.23	.32	.28	.24	.31	.27	.24	.30	.26	.23	.22			
7	.40	.32	.26	.22	.39	.31	.26	.20	.30	.25	.21	.28	.24	.21	.27	.23	.20	.19			
8	.38	.29	.23	.20	.36	.28	.23	.18	.27	.22	.19	.26	.22	.19	.25	.21	.18	.17			
9	.35	.27	.21	.18	.34	.26	.21	.16	.25	.20	.17	.24	.20	.17	.23	.19	.16	.15			
10	.33	.24	.19	.16	.32	.24	.19	.15	.23	.19	.16	.22	.18	.15	.21	.18	.15	.14			

**Luminaire Report Summary**

IESNA:LM-63-2002

[TEST]BALLABS TEST NO. 14549.0

[TESTLAB] BUILDING ACOUSTICS & LIGHTING LABORATORIES, INC

[ISSUEDATE] 13-APR-2009

[MANUFAC] Stanpro

[LUMINAIRE] 2/54W T5HO C LAMP 52x7x4"SUSPENDED ENCLOSED LUMINAIRE

[MORE] SPECULAR REFLECTOR w/CLEAR LINEAL RIBBED ACRYLIC DROP LENS

[MORE] UNIVERSAL BALLAST #B254PUNV-D WATTS=100

[LUMCAT] VN4 2X54T5HO SBR

[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.