



**Filename:** VN4 2x54T5HO WH

**Manufacturer:** Stanpro

**Luminaire:** 2/54W T5HO LAMP 52x7x4"SUSPEND  
ENCLOSED/GASKETED LUMINAIRE WHITE REFLECTOR  
w/CLEAR LINEAL RIBBED ACRYLIC DROP LENS  
UNIVERSAL BALLAST #B254PUNV-D WATTS=93  
REFL=88%

**Luminaire Cat:** VN4-2x54T5HO-WH

**Lamp Cat:** FP54T5HO/835

**Lamp Output:** 2 lamp(s), rated Lumens/lamp: 5000

**Max Candela:** 1,566.0 at Horizontal: 90°, Vertical: 20°

**Input Wattage:** 93

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

**Test:** BALLABS TEST NO. 14515.0

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

**Photometry :** Type C

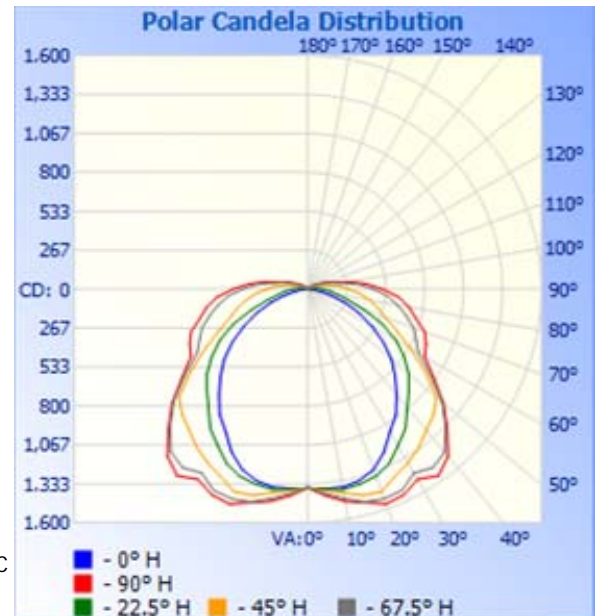
**CIE Class:** Direct

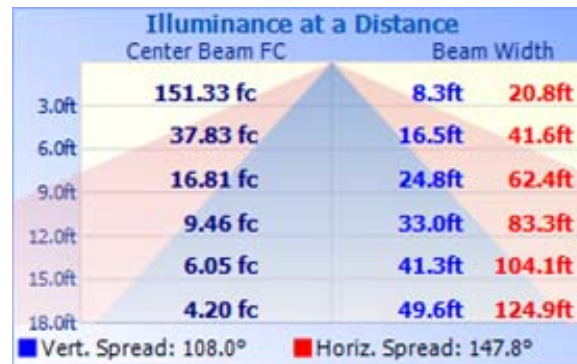
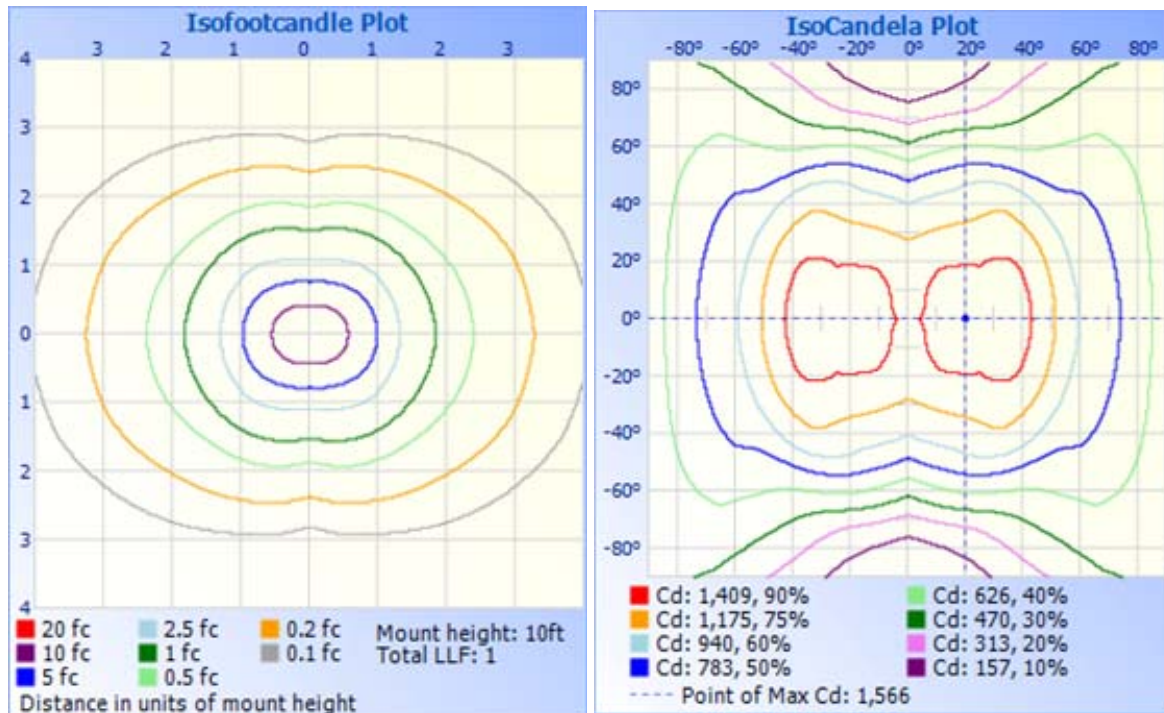
**Cutoff Class:** Noncutoff

#### Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	1,191.8	11.9%	20.9%
0-40	2,013.0	20.1%	35.3%
0-60	3,722.1	37.2%	65.3%
60-90	1,563.4	15.6%	27.4%
0-90	5,285.5	52.9%	92.7%
90-180	414.0	4.1%	7.3%
0-180	5,699.5	57%	100%

Efficiency Total: 57%





#### 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	.67	.67	.67	.67	.65	.65	.65	.53	.61	.61	.61	.58	.58	.58	.54	.54	.54	.53			
1	.60	.56	.53	.51	.58	.55	.52	.42	.51	.49	.47	.48	.47	.45	.46	.44	.43	.41			
2	.54	.48	.44	.40	.52	.47	.43	.34	.44	.41	.38	.42	.39	.36	.39	.37	.35	.33			
3	.49	.42	.37	.33	.47	.41	.36	.29	.39	.35	.31	.36	.33	.30	.34	.32	.29	.28			
4	.44	.37	.32	.28	.43	.36	.31	.24	.34	.30	.26	.32	.29	.26	.30	.27	.25	.23			
5	.41	.33	.28	.24	.39	.32	.27	.21	.30	.26	.23	.29	.25	.22	.27	.24	.21	.20			
6	.38	.30	.24	.20	.36	.29	.24	.18	.27	.23	.20	.26	.22	.19	.25	.21	.19	.17			
7	.35	.27	.22	.18	.33	.26	.21	.16	.25	.20	.17	.24	.20	.17	.22	.19	.16	.15			
8	.32	.24	.19	.16	.31	.24	.19	.14	.23	.18	.15	.22	.18	.15	.21	.17	.15	.13			
9	.30	.22	.17	.14	.29	.22	.17	.13	.21	.17	.14	.20	.16	.13	.19	.16	.13	.12			
10	.28	.20	.16	.13	.27	.20	.16	.12	.19	.15	.12	.18	.15	.12	.18	.14	.12	.11			

**Luminaire Report Summary**

IESNA:LM-63-2002

[TEST]BALLABS TEST NO. 14515.0

[TESTLAB] BUILDING ACOUSTICS & LIGHTING LABORATORIES, INC

[ISSUEDATE] 18-MAR-2009

[MANUFAC] Stanpro

[LUMINAIRE] 2/54W T5HO LAMP 52x7x4"SUSPEND ENCLOSED/GASKETED LUMINAIRE

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

[MORE] UNIVERSAL BALLAST #B254PUNV-D WATTS=93 REFL=88%

[LUMCAT] VN4-2x54T5HO-WH

[LAMPCAT] FP54T5HO/835

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.