

**Filename: FN 4xT5-SPECULAR REFLECTOR**

Manufacturer: Stanpro

Luminaire: 4/54W T5HO C LAMP 51.5x14.5x6"ENCLOSED &  
GASKETED LUMINAIRE SPECULAR REFLECTOR  
w/CLEAR ACRYLIC DROP LENS UNIVERSAL  
BALLAST #B454IUNV-E WATTS=226  
REFL=86%

Luminaire Cat: CT4-4LT5-R

Lamp Cat: FN54T5HO/835/C

Lamp Output: 4 lamp(s), rated Lumens/lamp: 4900

Max Candela: 6,614.0 at Horizontal: 67.5°, Vertical: 10°

Input Wattage: 226

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

Test: BALLABS TEST NO. 14139.0

Test Lab: BUILDING ACOUSTICS & LIGHTING  
LABORATORIES, INC

Photometry : Type C

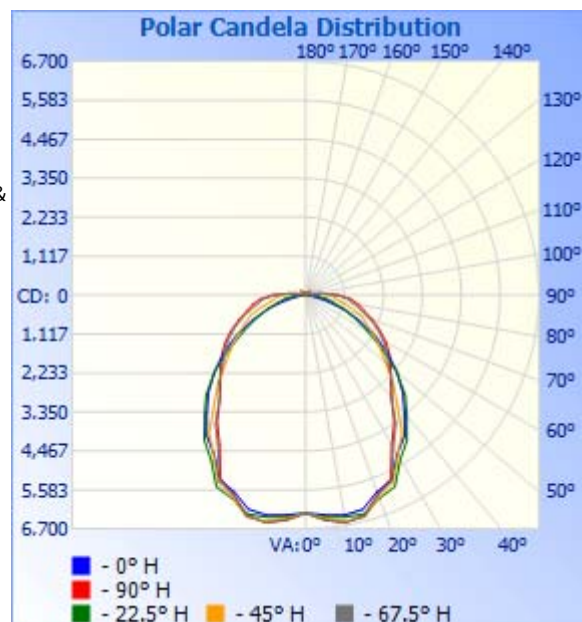
CIE Class: Direct

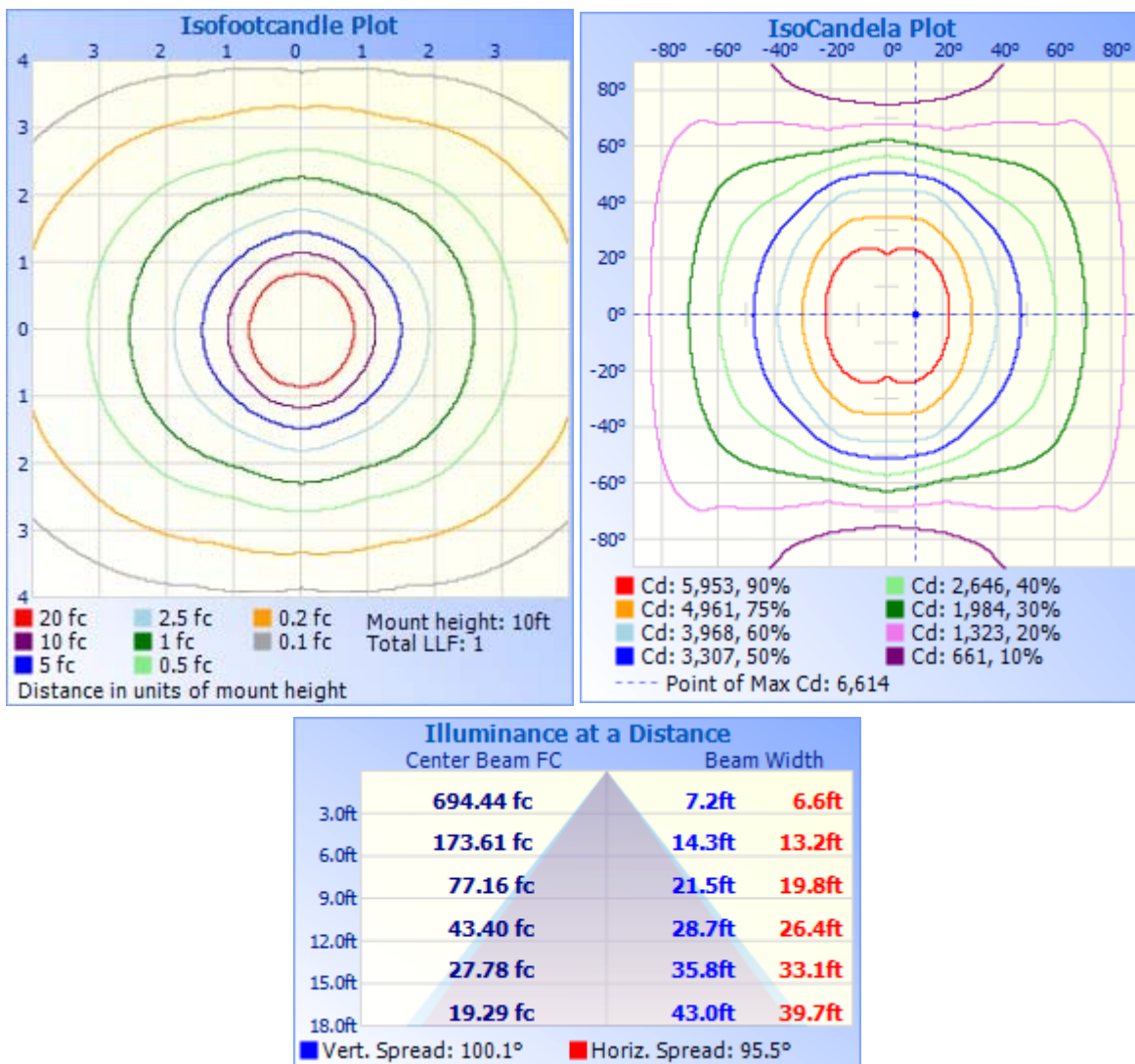
Cutoff Class: Semicutoff

**Zonal Lumen Summary**

Zone	Lumens	% Lamp	% Luminaire
0-30	5,096.8	26%	27.9%
0-40	8,050.3	41.1%	44.1%
0-60	13,357.9	68.2%	73.3%
60-90	4,121.8	21%	22.6%
0-90	17,479.8	89.2%	95.9%
90-180	756.0	3.9%	4.1%
0-180	18,235.7	93%	100%

Efficiency Total: 93%





## 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	10	50	30	20	10	50	30	20	10	0
RCR: 0	1.10	1.10	1.10	1.10	1.07	1.07	1.07	.89	1.01	1.01	1.01	.96	.96	.96	.96	.91	.91	.91	.91	.89	
1	.99	.95	.90	.86	.96	.92	.88	.74	.87	.84	.81	.83	.80	.78	.79	.77	.75	.75	.73	.73	
2	.90	.82	.76	.70	.87	.80	.74	.62	.76	.71	.67	.73	.68	.65	.69	.66	.63	.63	.61	.61	
3	.83	.73	.65	.59	.80	.71	.64	.53	.67	.61	.56	.64	.59	.55	.61	.57	.53	.53	.51	.51	
4	.76	.64	.56	.50	.73	.63	.55	.46	.60	.54	.48	.57	.52	.47	.55	.50	.46	.46	.44	.44	
5	.70	.58	.49	.43	.68	.56	.49	.40	.54	.47	.42	.52	.46	.41	.50	.45	.40	.38	.38	.38	
6	.65	.52	.44	.38	.63	.51	.43	.35	.49	.42	.37	.47	.41	.36	.45	.40	.36	.34	.34	.34	
7	.60	.47	.39	.34	.58	.47	.39	.32	.45	.38	.33	.43	.37	.32	.41	.36	.32	.30	.30	.30	
8	.56	.43	.36	.30	.54	.43	.35	.29	.41	.34	.30	.40	.34	.29	.38	.33	.29	.27	.27	.27	
9	.52	.40	.32	.27	.51	.39	.32	.26	.38	.31	.27	.37	.31	.26	.35	.30	.26	.24	.24	.24	
10	.49	.37	.30	.25	.48	.36	.29	.24	.35	.29	.24	.34	.28	.24	.33	.28	.24	.22	.22	.22	

**Luminaire Report Summary**

IESNA:LM-63-2002

[TEST]BALLABS TEST NO. 14139.0

[TESTLAB] BUILDING ACOUSTICS & LIGHTING LABORATORIES, INC

[ISSUEDATE] 03-JUN-2008

[MANUFAC] Stanpro

[LUMINAIRE] 4/54W T5HO C LAMP 51.5x14.5x6"ENCLOSED & GASKETED LUMINAIRE

[MORE] SPECULAR REFLECTOR w/CLEAR ACRYLIC DROP LENS

[MORE] UNIVERSAL BALLAST #B454IUNV-E WATTS=226 REFL=86%

[LUMCAT] CT4-4LT5-R

[LAMPCAT] FN54T5HO/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.