



**Filename:** FN 4xT8 white refl

**Manufacturer:** SStanpro

**Luminaire:** 4/32W T8 LAMP 51.5x14.5x6"ENCLOSED &  
GASKETED LUMINAIRE WHITE REFLECTOR  
w/CLEAR ACRYLIC LENS ADVANCE BALLAST  
#ICN-4P32-SC WATTS=100 REFL=86%

**Luminaire Cat:** FN4-4LT8

**Lamp Cat:** F32WT8/835/RS

**Lamp Output:** 4 lamp(s), rated Lumens/lamp: 2950

**Max Candela:** 2,560.0 at Horizontal: 90°, Vertical: 20°

**Input Wattage:** 100

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

**Test:** BALLABS TEST NO. 14136.0

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

**Photometry :** Type C

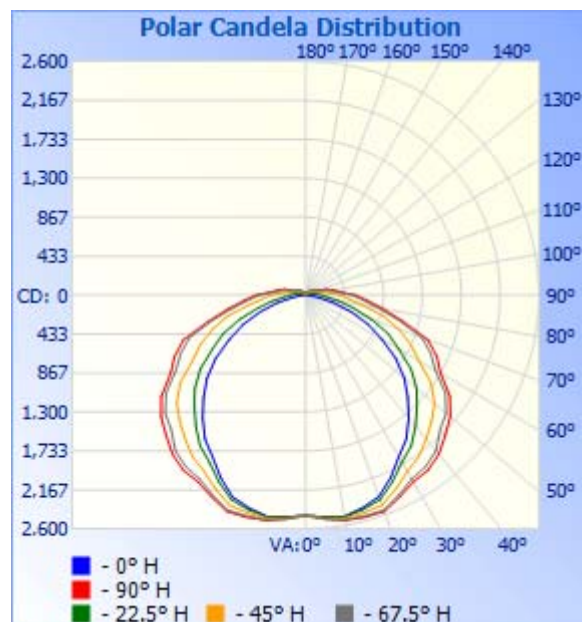
**CIE Class:** Direct

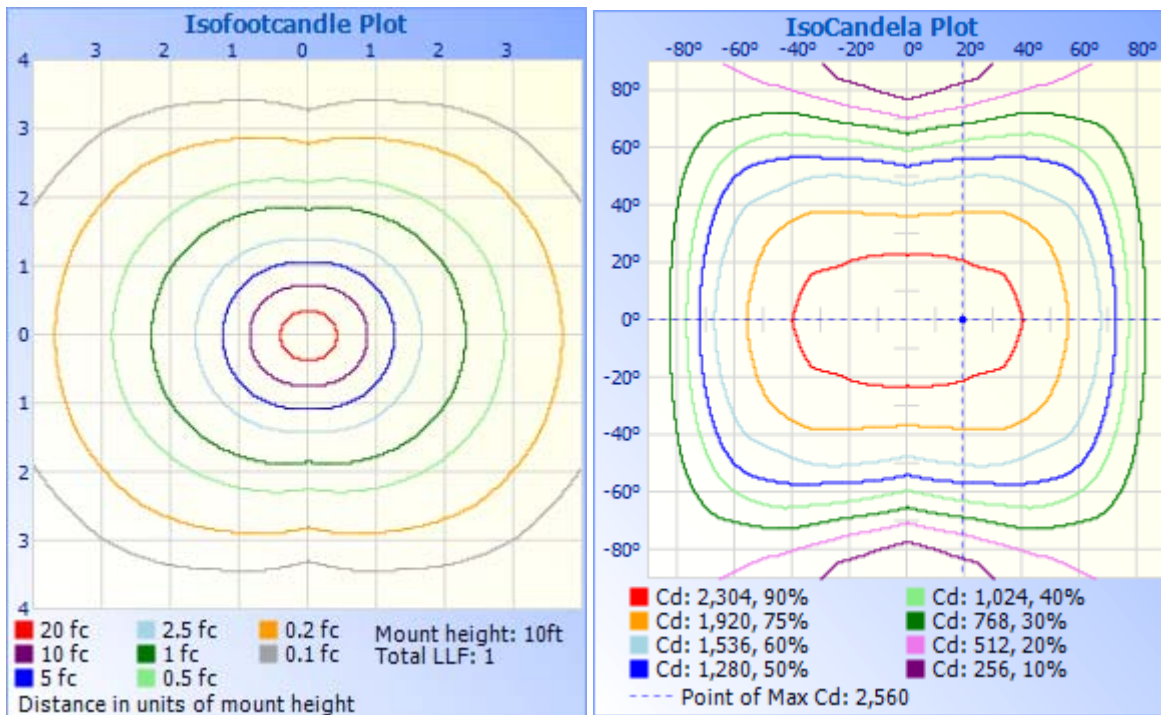
**Cutoff Class:** Semicutoff

#### Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	2,039.6	17.3%	21.3%
0-40	3,402.4	28.8%	35.6%
0-60	6,372.5	54%	66.6%
60-90	2,593.8	22%	27.1%
0-90	8,966.2	76%	93.7%
90-180	600.0	5.1%	6.3%
0-180	9,566.3	81.1%	100%

Efficiency Total: 81.1%





	Center Beam FC	Beam Width
3.0ft	272.56 fc	9.0ft 19.1ft
6.0ft	68.14 fc	18.0ft 38.2ft
9.0ft	30.28 fc	27.0ft 57.4ft
12.0ft	17.03 fc	36.0ft 76.5ft
15.0ft	10.90 fc	45.0ft 95.6ft
18.0ft	7.57 fc	54.0ft 114.7ft

■ Vert. Spread: 112.6° ■ Horiz. Spread: 145.2°

## 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	0
RCR: 0	.95	.95	.95	.95	.92	.92	.92	.76	.87	.87	.87	.82	.82	.82	.78	.78	.78	.76
1	.85	.81	.77	.73	.83	.79	.75	.61	.74	.71	.68	.70	.68	.65	.66	.64	.62	.60
2	.77	.70	.63	.58	.74	.68	.62	.50	.64	.59	.55	.60	.56	.53	.57	.54	.51	.49
3	.70	.60	.53	.48	.67	.59	.52	.42	.56	.50	.45	.53	.48	.44	.50	.46	.42	.40
4	.64	.53	.46	.40	.61	.52	.45	.35	.49	.43	.38	.46	.41	.37	.44	.40	.36	.34
5	.58	.47	.39	.34	.56	.46	.39	.30	.44	.37	.33	.41	.36	.32	.39	.35	.31	.29
6	.54	.42	.35	.29	.52	.41	.34	.27	.39	.33	.28	.37	.32	.28	.36	.31	.27	.25
7	.50	.38	.31	.26	.48	.37	.30	.23	.36	.29	.25	.34	.28	.24	.32	.27	.24	.22
8	.46	.35	.28	.23	.44	.34	.27	.21	.32	.26	.22	.31	.26	.22	.30	.25	.21	.19
9	.43	.32	.25	.20	.42	.31	.25	.19	.30	.24	.20	.28	.23	.19	.27	.22	.19	.17
10	.40	.29	.23	.18	.39	.29	.22	.17	.27	.22	.18	.26	.21	.17	.25	.21	.17	.16

<b>Luminaire Report Summary</b>
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IESNA:LM-63-2002  
[TEST]BALLABS TEST NO. 14136.0  
[TESTLAB] BUILDING ACOUSTICS & LIGHTING LABORATORIES, INC  
[ISSUEDATE] 02-JUN-2008  
[MANUFAC] SStanpro  
[LUMINAIRE] 4/32W T8 LAMP 51.5x14.5x6"ENCLOSED & GASKETED LUMINAIRE  
  
[MORE] WHITE REFLECTOR w/CLEAR ACRYLIC LENS  
[MORE] ADVANCE BALLAST #ICN-4P32-SC WATTS=100 REFL=86%  
[LUMCAT] FN4-4LT8  
[LAMPCAT] F32WT8/835/RS  
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.