

**Filename: FN 4xT8-SPECULAR REFLECTOR**

Manufacturer: Stanpro

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

Luminaire Cat: FN4-4LT8-R

Lamp Cat: P32WT8/835/RS

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

Max Candela: 3,827.0 at Horizontal: 67.5°, Vertical: 10°

Input Wattage: 100

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

Test: BALLABS TEST NO. 14135.0

Test Lab: BUILDING ACOUSTICS & LIGHTING
LABORATORIES, INC

Photometry : Type C

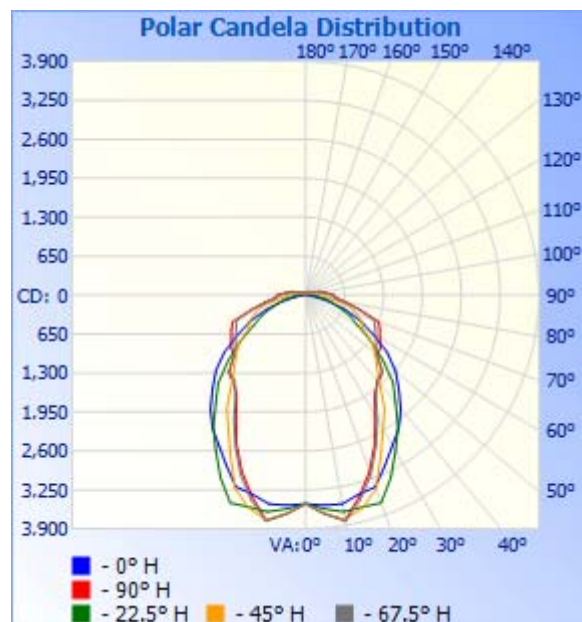
CIE Class: Direct

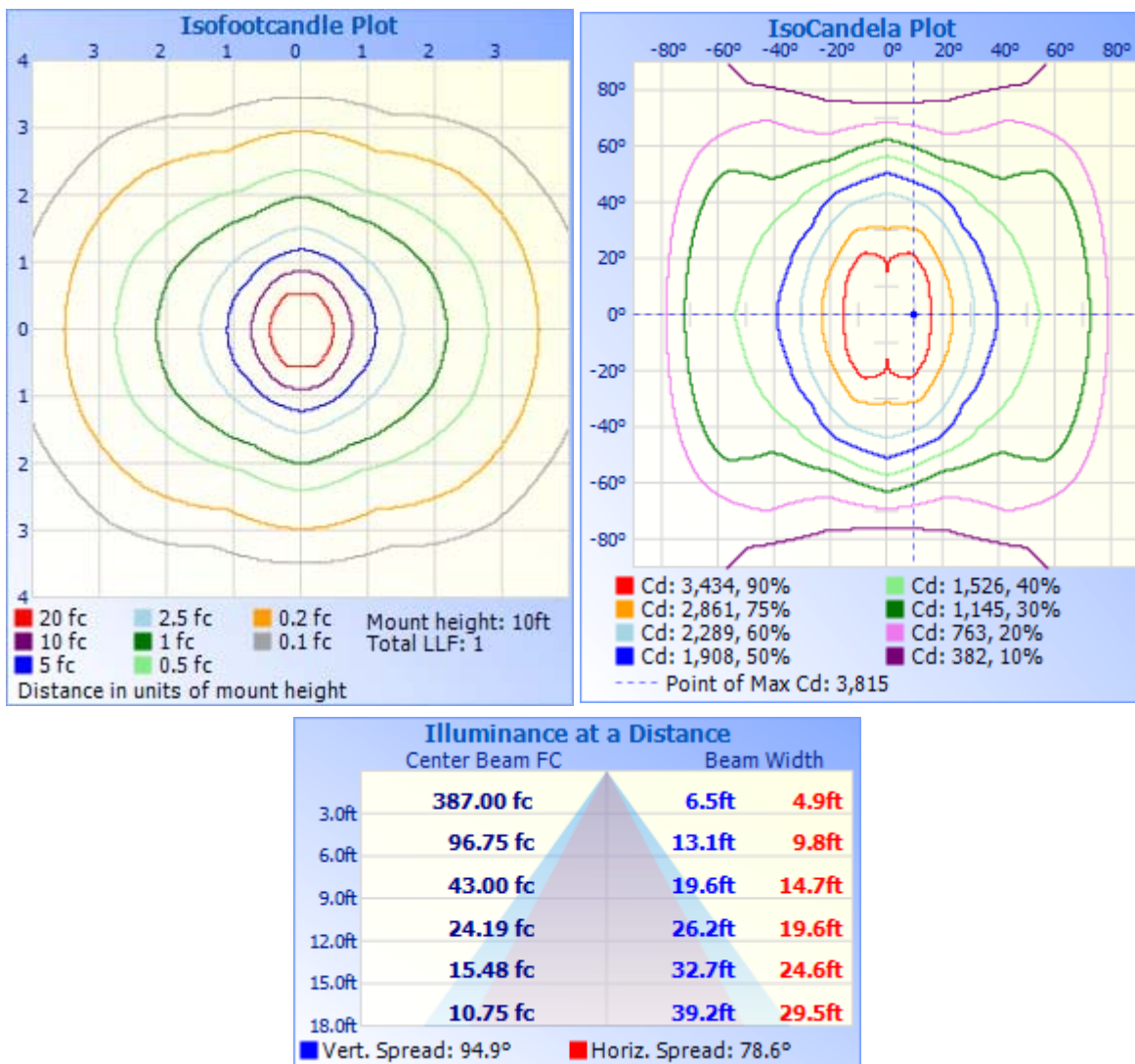
Cutoff Class: Semicutoff

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	2,741.3	23.2%	28.3%
0-40	4,212.0	35.7%	43.5%
0-60	6,925.1	58.7%	71.6%
60-90	2,201.3	18.7%	22.8%
0-90	9,126.3	77.3%	94.3%
90-180	548.7	4.6%	5.7%
0-180	9,675.0	82%	100%

Efficiency Total: 82%





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	.97	.97	.97	.97	.94	.94	.94	.77	.89	.89	.89	.84	.84	.84	.79	.79	.79	.79	.79	.79	.77
1	.87	.83	.79	.76	.85	.81	.77	.64	.77	.74	.71	.73	.70	.68	.69	.67	.65	.65	.65	.65	.63
2	.79	.72	.67	.62	.77	.71	.65	.54	.67	.62	.59	.63	.60	.57	.60	.57	.55	.55	.55	.55	.53
3	.73	.64	.57	.52	.70	.62	.56	.46	.59	.54	.49	.56	.52	.48	.53	.50	.47	.47	.47	.47	.45
4	.67	.57	.49	.44	.64	.55	.49	.40	.53	.47	.42	.50	.45	.41	.48	.44	.40	.40	.40	.40	.38
5	.61	.51	.44	.38	.59	.50	.43	.35	.47	.41	.37	.45	.40	.36	.43	.39	.35	.35	.35	.35	.33
6	.57	.46	.39	.33	.55	.45	.38	.31	.43	.37	.33	.41	.36	.32	.39	.35	.31	.31	.31	.31	.29
7	.53	.42	.35	.30	.51	.41	.34	.28	.39	.33	.29	.38	.32	.28	.36	.32	.28	.28	.28	.28	.26
8	.49	.38	.31	.27	.48	.38	.31	.25	.36	.30	.26	.35	.29	.26	.33	.29	.25	.25	.25	.25	.24
9	.46	.35	.29	.24	.45	.35	.28	.23	.33	.28	.24	.32	.27	.23	.31	.26	.23	.23	.23	.23	.21
10	.43	.33	.26	.22	.42	.32	.26	.21	.31	.25	.22	.30	.25	.21	.29	.24	.21	.21	.21	.21	.20

Luminaire Report Summary

IESNA:LM-63-2002
[TEST]BALLABS TEST NO. 14135.0
[TESTLAB] BUILDING ACOUSTICS & LIGHTING LABORATORIES, INC
[ISSUEDATE] 02-JUN-2008
[MANUFAC] Stanpro
[LUMINAIRE] 4/32W T8 LAMP 51.5x14.5x6"ENCLOSED & GASKETED LUMINAIRE

[MORE] SPECULAR REFLECTOR w/CLEAR ACRYLIC LENS
[MORE] ADVANCE BALLAST #ICN-4P32-SC WATTS=100 REFL=86%
[LUMCAT] FN4-4LT8-R
[LAMPCAT] P32WT8/835/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.