



**Filename:** VT4 1 x 32W T8

**Manufacturer:** Stanpro

**Luminaire:** Linear FL1X32T8 AOnly 120V

**Luminaire Cat:** VT4-2X32T8

**Lamp:** 1 GE F32W/841/Echo C/W Standard  
E232PL120G01 Ballast

**Distribution:** Downlight

**Lamp Output:** 1 lamp(s), rated Lumens/lamp: 2850

**Max Candela:** 641.5 at Horizontal: 0°, Vertical: 5°

**Input Wattage:** 35

**Luminous Opening:** Rectangle w/Luminous Sides (L: 4.08ft, W: 0.58ft, H: 0.08ft)

**Test:** S0506231.IES

**Test Date:** 23 June 2005

**Photometry :** Type C

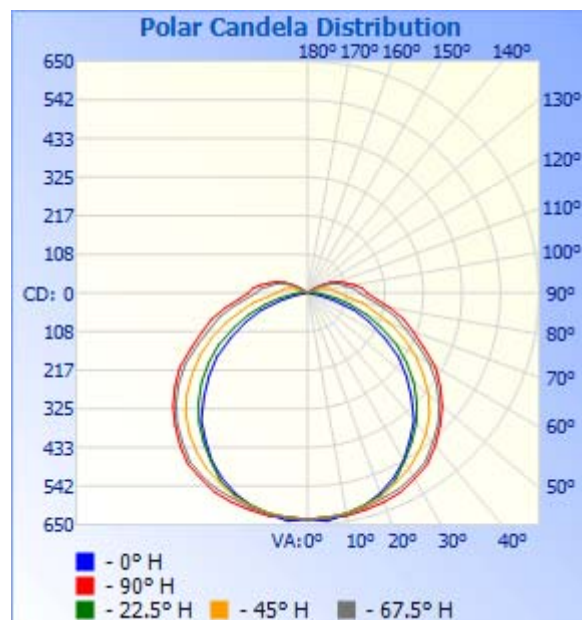
**CIE Class:** Direct

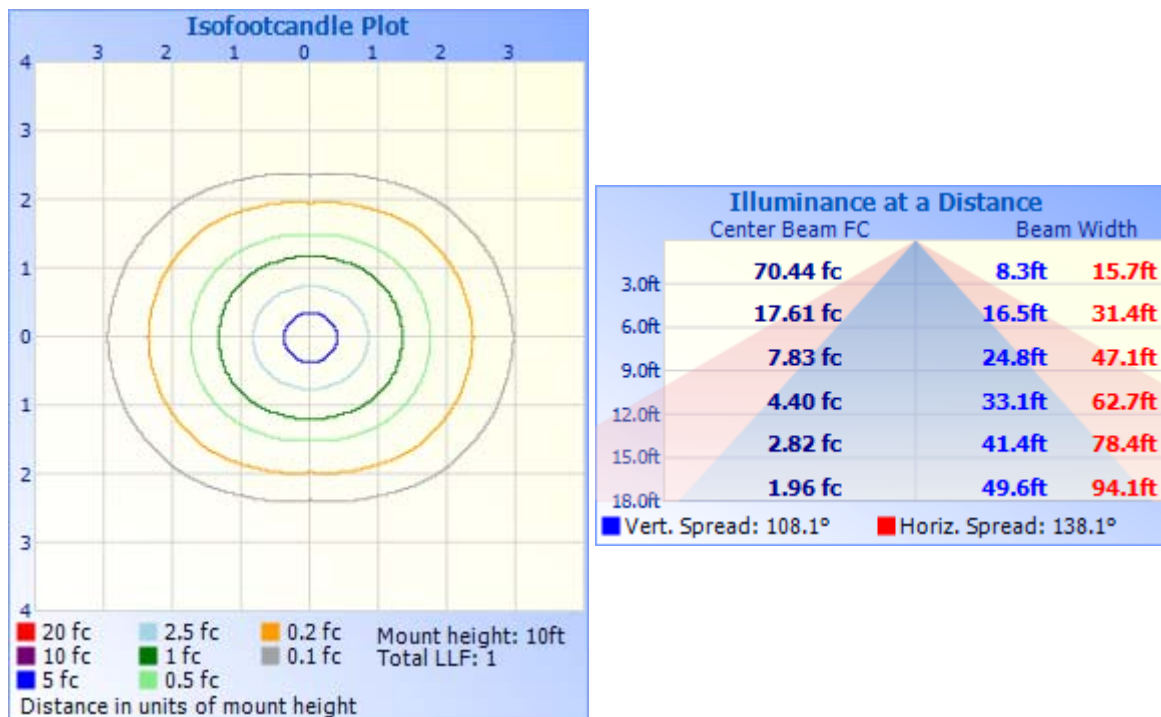
**Cutoff Class:** Noncutoff

#### Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	507.8	17.8%	21.7%
0-40	847.5	29.7%	36.2%
0-60	1,562.7	54.8%	66.7%
60-90	604.8	21.2%	25.8%
0-90	2,167.5	76.1%	92.6%
90-180	174.2	6.1%	7.4%
0-180	2,341.7	82.2%	100%

Efficiency Total: 82.2%





#### 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	.96	.96	.96	.96	.93	.93	.93	.76	.88	.88	.88	.83	.83	.83	.78	.78	.78	.76
1	.86	.82	.78	.74	.84	.79	.76	.61	.75	.72	.69	.70	.68	.66	.67	.65	.63	.61
2	.78	.71	.64	.59	.75	.68	.63	.50	.65	.60	.56	.61	.57	.54	.57	.54	.51	.49
3	.71	.62	.54	.49	.68	.60	.53	.42	.56	.51	.46	.53	.48	.45	.50	.46	.43	.41
4	.65	.54	.47	.41	.62	.53	.46	.36	.50	.44	.39	.47	.42	.38	.45	.40	.37	.34
5	.59	.48	.40	.35	.57	.47	.40	.31	.44	.38	.33	.42	.37	.32	.40	.35	.31	.29
6	.55	.43	.36	.30	.53	.42	.35	.27	.40	.34	.29	.38	.32	.28	.36	.31	.27	.26
7	.50	.39	.32	.26	.49	.38	.31	.24	.36	.30	.25	.34	.29	.25	.33	.28	.24	.22
8	.47	.35	.28	.23	.45	.35	.28	.21	.33	.27	.23	.32	.26	.22	.30	.25	.22	.20
9	.44	.32	.26	.21	.42	.32	.25	.19	.30	.24	.20	.29	.24	.20	.28	.23	.19	.18
10	.41	.30	.23	.19	.40	.29	.23	.17	.28	.22	.18	.27	.22	.18	.26	.21	.18	.16

**Candela Table**

	0	22.5	45	67.5	90
0	634	634	634	634	634
5	641.5	631.5	630.5	631.5	632
10	629	626.5	627.5	631.5	634
15	617	615.5	618	622.5	629
20	596.5	602	606.5	613	624
25	571.5	580.5	586	606	616
30	540.5	543.5	568.5	592.5	600.5
35	501.5	510	543.5	576.5	586
40	465	474.5	516.5	547	558
45	412	433.5	484	518	526
50	362	389	444	482.5	493.5
55	311	339	396	442.5	454.5
60	248.5	288	349	396	414.5
65	192	228	297.5	341	359.5
70	139.5	177	245.5	292	315
75	76.5	124.5	193	255	278
80	34.5	79	155.5	212	235
85	11	43	110	172	193
90	0	26.5	89.5	146.5	167.5
95	0	19	76.5	134	154
100	0	9.5	65.5	110	133
105	0	5	51	96.5	110
110	0	1	33.5	79.5	94
115	0	0	23	56.5	71.5
120	0	0	8	32	45.5
125	0	0	2.5	15	24
130	0	0	0	4	8
135	0	0	0	3	3
140	0	0	0	0	1.5
145	0	0	0	0	0
150	0	0	0	0	0
155	0	0	0	0	1.5
165	0	0	0	0	0
175	0	0	0	0	0
180	0	0	0	0	0

<b>Luminaire Report Summary</b>
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IESNA LM-63-02  
[DATE] 23 June 2005  
[\_LABORATORY] Spectralux  
[TEST] S0506231.IES  
[MANUFAC] Stanpro  
[LUMCAT] VT4-2X32T8  
[LUMINAIRE] Linear FL1X32T8 AOnly 120V  
[LAMP] 1 GE F32W/841/Echo C/W Standard E232PL120G01 Ballast  
[\_LAMPDETAILS] GE Fluorescent Lamp ( 2850 Lumens)  
[\_BURNING] Horizontal  
[\_REFLECTOR] White Painted Reflector With Reflective Paint  
[\_LENS] Plastic Drop Lens  
[\_HOUSING] White Painted Aluminum  
[\_SKTPOSITION] Fixed  
[DISTRIBUTION] Downlight  
FILE: CANDELA MULTIPLIER: 0.5  
FILE: VERTICAL ANGLES: 35, 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.