

INDOOR PHOTOMETRIC REPORT

CATALOG: 8TSNLED-LD5-60SL-LN-UNV-L840-CD1-U



Manufacturer:

Test #: P218245 TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P35686)

Test Lab: INNOVATION CENTER-P3

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Description: LED STRIP LIGHT - SNLED SERIES 8FOOT ABSOLUTE PHOTOMETRY IS BASED ON CALIBRATION FACTORS CREATED USING LAB LUMEN STANDARDS IN GONIOPHOTOMETER WITH TEST DISTANCE OF 28.75 FEET

No
Photo
Available

Lamp Output: Total luminaire Lumens: 6333.6, absolute photometry *

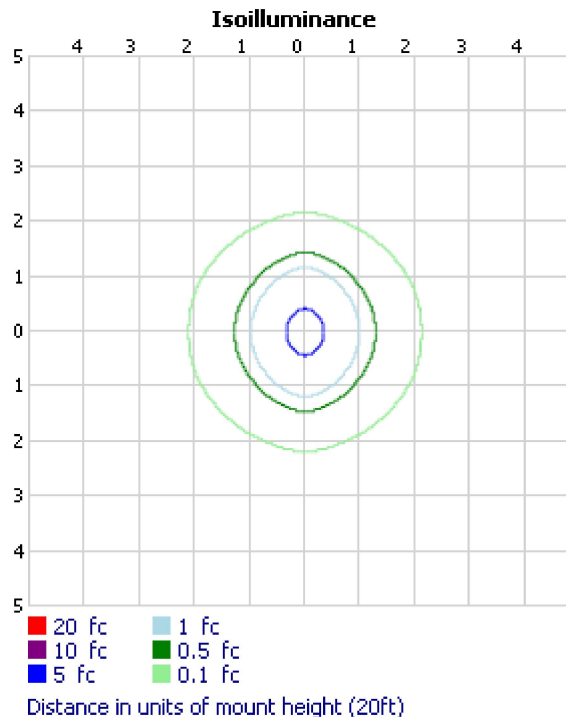
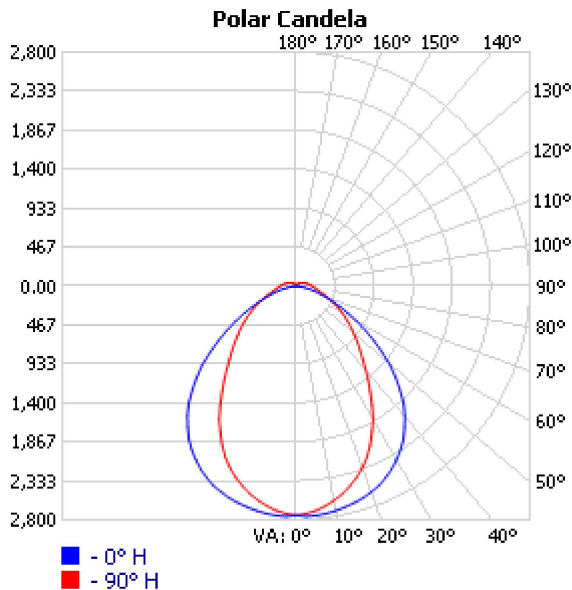
Input Wattage: 44.1

Luminous Opening: Rectangle w/Luminous Sides (L: 96", W: 2", H: 2")

Cie Class: Direct

Max Cd: 2,760.7 at Horizontal: 0°, Vertical: 2.5°

Spacing Criterion: @ 0 = 1.29 / @ 90 = 1.04



*Test based on absolute photometry where lamp lumens=lumens total.
*Cutoff Classification and efficiency cannot be properly calculated for absolute photometry.

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Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	2,029.4	32%
0-40	3,169.9	50%
0-60	4,953.9	78.2%
60-90	1,017.4	16.1%
70-100	637.5	10.1%
90-120	288.0	4.5%
0-90	5,971.4	94.3%
90-180	362.3	5.7%
0-180	6,333.6	100%

Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	257.8	4.1%	90-100	132.1	2.1%
10-20	723.7	11.4%	100-110	92.7	1.5%
20-30	1,047.9	16.5%	110-120	63.1	1%
30-40	1,140.5	18.0%	120-130	40.1	0.6%
40-50	1,012.9	16.0%	130-140	22.8	0.4%
50-60	771.1	12.2%	140-150	10.7	0.2%
60-70	512.0	8.1%	150-160	0.8	0%
70-80	312.0	4.9%	160-170	0.000	0%
80-90	193.4	3.1%	170-180	0.000	0%

Average Luminance (Cd/m2)

	0	22.5	45	67.5	90
0	22108	22108	22108	22108	22108
45	19635	12154	8041	6556	6181
55	15526	8252	5426	4647	4442
65	10478	5058	3696	3269	3076
75	6362	3118	2644	2298	2108
85	2993	2097	2134	1801	1638

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	1.18	1.18	1.18	1.18	1.14	1.14	1.14	.94	1.08	1.08	1.08	1.02	1.02	1.02	.97	.97	.97	.94
1	1.08	1.03	.99	.95	1.05	1.00	.97	.80	.95	.92	.89	.90	.88	.86	.86	.84	.82	.80
2	.99	.91	.85	.79	.96	.89	.83	.69	.84	.79	.75	.80	.76	.73	.76	.73	.70	.68
3	.91	.81	.73	.67	.88	.79	.72	.60	.75	.69	.64	.72	.67	.63	.69	.64	.61	.59
4	.84	.73	.64	.58	.81	.71	.63	.53	.68	.61	.56	.65	.59	.55	.62	.57	.53	.51
5	.77	.65	.57	.51	.75	.64	.56	.47	.61	.54	.49	.59	.53	.48	.56	.51	.47	.45
6	.72	.59	.51	.45	.70	.58	.50	.42	.56	.49	.44	.54	.47	.43	.52	.46	.42	.40
7	.67	.54	.46	.40	.65	.53	.45	.37	.51	.44	.39	.49	.43	.38	.47	.42	.38	.36
8	.63	.50	.42	.36	.61	.49	.41	.34	.47	.40	.35	.45	.39	.35	.44	.38	.34	.32
9	.59	.46	.38	.33	.57	.45	.38	.31	.43	.37	.32	.42	.36	.32	.41	.35	.31	.29
10	.55	.42	.35	.30	.54	.42	.35	.28	.40	.34	.29	.39	.33	.29	.38	.32	.29	.27


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Candela Table - Type C

	0	22.5	45	67.5	90
0	2744	2744	2744	2744	2744
5	2757	2741	2704	2717	2701
10	2731	2704	2640	2634	2607
15	2687	2640	2544	2514	2480
20	2624	2547	2414	2357	2317
25	2534	2420	2247	2156	2100
30	2404	2253	2036	1899	1843
35	2240	2040	1766	1612	1546
40	2026	1786	1492	1345	1288
45	1759	1496	1215	1112	1085
50	1469	1198	975	928	911
55	1138	925	784	771	768
60	841	688	621	634	631
65	574	494	494	514	507
70	370	354	394	411	404
75	220	250	314	330	320
80	110	177	257	270	260
85	40	127	214	227	220
90	0	94	180	197	190
95	0	73	154	170	167
100	0	57	130	147	144
105	0	47	110	127	127
110	0	37	94	110	110
115	0	30	80	97	94
120	0	27	67	80	80
125	0	20	53	67	67
130	0	17	43	57	57
135	0	13	37	47	47
140	0	10	27	37	37
145	0	7	20	27	27
150	0	3	13	20	17
155	0	0	0	0	0
160	0	0	0	0	0
165	0	0	0	0	0
170	0	0	0	0	0
175	0	0	0	0	0
180	0	0	0	0	0

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