

Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State
Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: METALUX

Report Number: P#

Luminaire Tested: **8SNLED-LD5-64SL-UNV-L950-CD1-U**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P#
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P27410)
Test Lab: INNOVATION CENTER-P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: METALUX
Catalog Number: 8SNLED-LD5-64SL-UNV-L950-CD1-U
Description: 8FT LINEAR SNLED LED FIXTURE
OPEN LED STIP
Light Source: -
Ballast/Driver: -

Summary

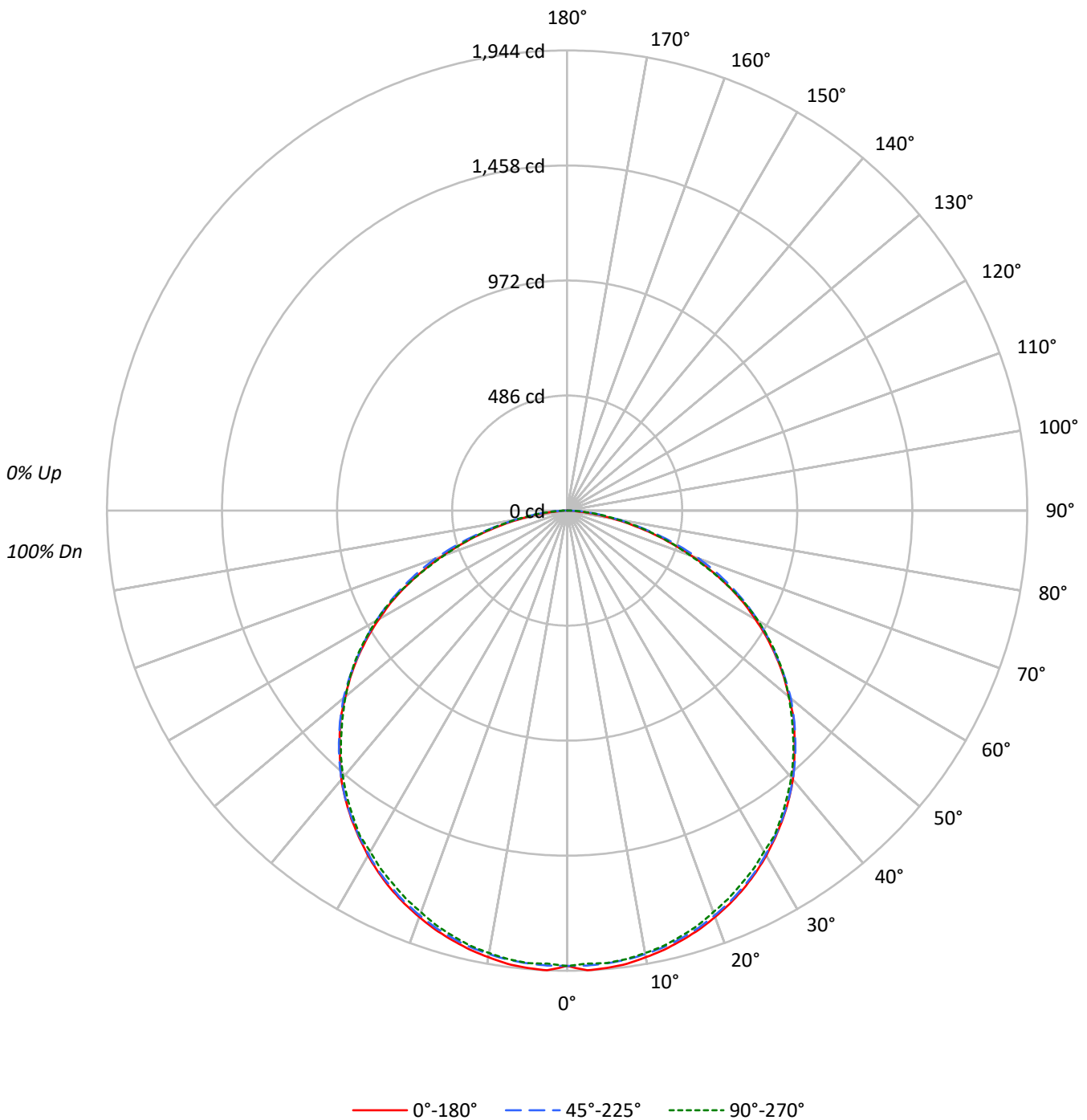
Lumens per Lamp: N/A
Luminaire Lumens: 5771.0 lumens
Efficiency: N/A
Efficacy: 137.4 lumens/watt
Spacing Criteria (0/90/45): 1.3 / 1.29 / 1.41
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 8' x H: 0.12')
CIE Type: Direct

Input Watts (W): 42
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Luminous Intensity Polar Plot





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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20					20					20					20					20					
RC	80					70					50					30					10					0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0		
RCR																										
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100					100			
1	109	104	99	96	106	101	98	94	97	94	91	93	91	88	90	88	86	83					83			
2	99	90	83	77	96	88	82	76	85	79	75	81	77	73	78	75	71	69					69			
3	90	79	71	64	87	77	70	63	74	68	62	72	66	61	69	64	60	58					58			
4	82	70	61	54	80	68	60	54	66	59	53	64	57	52	61	56	51	49					49			
5	75	62	53	46	73	61	52	46	59	51	46	57	50	45	55	49	45	42					42			
6	69	56	47	40	67	55	46	40	53	45	40	51	45	39	50	44	39	37					37			
7	64	51	42	35	63	50	41	35	48	41	35	47	40	35	45	39	35	33					33			
8	60	46	37	32	58	45	37	31	44	37	31	43	36	31	42	35	31	29					29			
9	56	42	34	28	54	42	34	28	40	33	28	39	33	28	38	32	28	26					26			
10	52	39	31	26	51	38	31	26	37	30	25	36	30	25	36	30	25	23					23			

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	7773	7773	7773
5°	7854	7603	7536
10°	7840	7443	7303
15°	7826	7283	7074
20°	7814	7110	6831
25°	7805	6937	6603
30°	7781	6751	6379
35°	7755	6557	6164
40°	7726	6349	5906
45°	7646	6101	5610
50°	7551	5831	5310
55°	7432	5466	4986
60°	7224	5096	4562
65°	6912	4612	3968
70°	6354	3972	3217
75°	5468	3040	2473
80°	4187	2011	1621
85°	2305	985	724



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	182.6	3.2
10°-20°	526.6	9.1
20°-30°	806.0	14.0
30°-40°	987.6	17.1
40°-50°	1044.5	18.1
50°-60°	964.2	16.7
60°-70°	744.2	12.9
70°-80°	413.0	7.2
80°-90°	102.3	1.8
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	1515.2	26.3
0°-40°	2502.7	43.4
0°-60°	4511.5	78.2
0°-90°	5771.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	5771.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1924	1924	1924	1924	1924	
5°	1939	1914	1920	1915	1919	184
15°	1879	1856	1870	1863	1861	531
25°	1763	1742	1757	1741	1740	813
35°	1590	1572	1587	1569	1578	995
45°	1359	1346	1363	1348	1350	1049
55°	1079	1070	1082	1082	1087	963
65°	747	740	768	764	749	737
75°	371	393	396	395	380	393
85°	59	86	88	89	83	79
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1923.8	1923.8	1923.8	1923.8	1923.8
2.5°	1943.9	1919.0	1923.8	1920.9	1915.1
5°	1939.1	1914.2	1919.9	1915.1	1919.0
7.5°	1931.5	1904.6	1914.2	1907.4	1911.3
10°	1916.1	1893.0	1902.6	1895.0	1897.8
12.5°	1899.8	1875.8	1889.2	1879.6	1883.4
15°	1878.6	1856.5	1870.0	1863.3	1861.3
17.5°	1855.6	1834.5	1847.9	1840.2	1837.3
20°	1827.7	1807.6	1820.0	1808.5	1805.6
22.5°	1797.0	1776.8	1791.2	1774.9	1775.9
25°	1763.4	1742.3	1756.7	1741.3	1740.3
27.5°	1725.0	1704.8	1720.2	1703.8	1705.8
30°	1682.7	1662.5	1677.9	1661.6	1663.5
32.5°	1636.6	1620.3	1633.7	1618.4	1628.9
35°	1589.5	1572.3	1586.7	1569.4	1578.0
37.5°	1538.6	1522.3	1537.7	1518.5	1526.2
40°	1483.9	1469.5	1482.9	1465.6	1472.4
42.5°	1420.5	1411.9	1425.3	1408.0	1413.8
45°	1359.0	1346.5	1362.9	1348.5	1350.4
47.5°	1297.6	1284.1	1299.5	1287.0	1286.0
50°	1223.6	1218.8	1233.2	1223.6	1222.7
52.5°	1153.5	1143.9	1159.3	1154.5	1157.3
55°	1078.6	1069.9	1082.4	1081.5	1087.2
57.5°	1000.8	992.1	1008.5	1006.5	1011.4
60°	918.2	911.5	932.6	927.8	931.6
62.5°	837.5	825.0	851.9	848.1	846.2
65°	747.2	739.5	768.4	763.6	749.1
67.5°	654.1	651.2	681.0	671.4	647.3
70°	560.9	562.8	591.6	573.4	553.2
72.5°	462.9	477.3	494.6	481.2	466.8
75°	370.7	392.8	395.7	394.7	380.3
77.5°	280.5	308.3	301.6	308.3	296.8
80°	195.9	226.7	221.9	227.6	218.0
82.5°	121.0	148.9	149.8	153.7	145.0
85°	58.6	86.4	88.4	89.3	82.6
87.5°	12.5	40.3	41.3	38.4	33.6
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)