

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: **4SNLED-LD5-60SL-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: 4SNLED-LD5-60SL-UNV-L950-CD1-U
Description: 4FT LINEAR SNLED LED FIXTURE
OPEN LED STIP
Light Source: -
Ballast/Driver: -

Summary

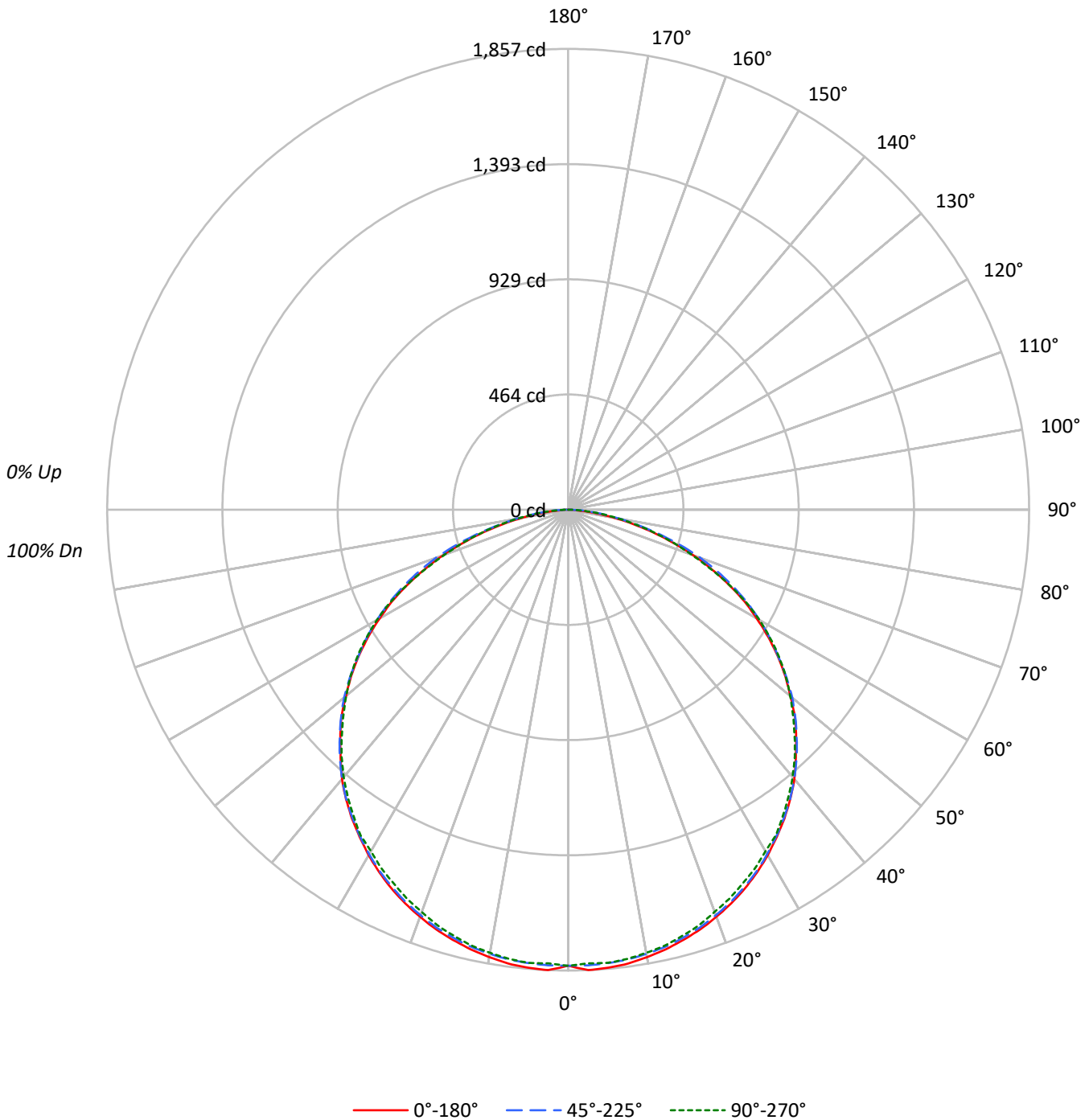
Lumens per Lamp: N/A
Luminaire Lumens: 5513.0 lumens
Efficiency: N/A
Efficacy: 119.8 lumens/watt
Spacing Criteria (0/90/45): 1.3 / 1.29 / 1.41
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 4' x H: 0.12')
CIE Type: Direct

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

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	14851	14851	14851
5°	14986	14513	14398
10°	14937	14195	13953
15°	14889	13876	13516
20°	14846	13536	13050
25°	14804	13194	12615
30°	14734	12827	12187
35°	14659	12447	11776
40°	14572	12039	11283
45°	14388	11556	10719
50°	14168	11031	10145
55°	13897	10327	9526
60°	13448	9612	8717
65°	12792	8682	7582
70°	11659	7461	6147
75°	9904	5693	4725
80°	7400	3749	3098
85°	3826	1826	1383



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	174.4	3.2
10°-20°	503.0	9.1
20°-30°	770.0	14.0
30°-40°	943.4	17.1
40°-50°	997.8	18.1
50°-60°	921.1	16.7
60°-70°	710.9	12.9
70°-80°	394.6	7.2
80°-90°	97.7	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°	1447.4	26.3
0°-40°	2390.9	43.4
0°-60°	4309.8	78.2
0°-90°	5513.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	5513.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1838	1838	1838	1838	1838	
5°	1852	1829	1834	1830	1833	176
15°	1795	1774	1786	1780	1778	507
25°	1684	1664	1678	1663	1662	776
35°	1518	1502	1516	1499	1508	950
45°	1298	1286	1302	1288	1290	1002
55°	1030	1022	1034	1033	1039	920
65°	714	706	734	729	716	704
75°	354	375	378	377	363	376
85°	56	83	84	85	79	75
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1837.8	1837.8	1837.8	1837.8	1837.8
2.5°	1857.0	1833.2	1837.8	1835.0	1829.5
5°	1852.5	1828.6	1834.1	1829.5	1833.2
7.5°	1845.1	1819.4	1828.6	1822.2	1825.8
10°	1830.4	1808.4	1817.6	1810.2	1813.0
12.5°	1814.8	1791.9	1804.7	1795.6	1799.2
15°	1794.6	1773.5	1786.4	1780.0	1778.1
17.5°	1772.6	1752.4	1765.3	1757.9	1755.2
20°	1746.0	1726.8	1738.7	1727.7	1724.9
22.5°	1716.7	1697.4	1711.2	1695.6	1696.5
25°	1684.5	1664.4	1678.1	1663.4	1662.5
27.5°	1647.8	1628.6	1643.3	1627.7	1629.5
30°	1607.5	1588.2	1602.9	1587.3	1589.1
32.5°	1563.4	1547.8	1560.7	1546.0	1556.1
35°	1518.5	1502.0	1515.7	1499.2	1507.5
37.5°	1469.9	1454.3	1468.9	1450.6	1457.9
40°	1417.6	1403.8	1416.6	1400.1	1406.5
42.5°	1357.0	1348.7	1361.6	1345.1	1350.6
45°	1298.3	1286.3	1301.9	1288.2	1290.0
47.5°	1239.6	1226.7	1241.4	1229.5	1228.5
50°	1168.9	1164.3	1178.1	1168.9	1168.0
52.5°	1101.9	1092.8	1107.4	1102.8	1105.6
55°	1030.4	1022.1	1034.0	1033.1	1038.6
57.5°	956.0	947.8	963.4	961.6	966.1
60°	877.1	870.7	890.9	886.3	890.0
62.5°	800.1	788.1	813.8	810.2	808.3
65°	713.8	706.5	734.0	729.4	715.7
67.5°	624.8	622.1	650.5	641.3	618.4
70°	535.8	537.7	565.2	547.8	528.5
72.5°	442.2	456.0	472.5	459.7	445.9
75°	354.2	375.3	378.0	377.1	363.3
77.5°	267.9	294.5	288.1	294.5	283.5
80°	187.2	216.5	211.9	217.4	208.3
82.5°	115.6	142.2	143.1	146.8	138.5
85°	56.0	82.6	84.4	85.3	78.9
87.5°	11.9	38.5	39.5	36.7	32.1
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)