

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: **2SNLED-LD5-26SL-SLC-UNV-L835-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 (P27404)
Test Lab: INNOVATION CENTER-P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: METALUX
Catalog Number: 2SNLED-LD5-26SL-SLC-UNV-L835-CD1-U
Description: 2FT LINEAR SNLED LED FIXTURE
CLEAR SQUARE LENS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2714.0 lumens
Efficiency: N/A
Efficacy: 129.2 lumens/watt
Spacing Criteria (0/90/45): 1.4 / 1 / 1.08
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 2' x H: 0.12')
CIE Type: Direct

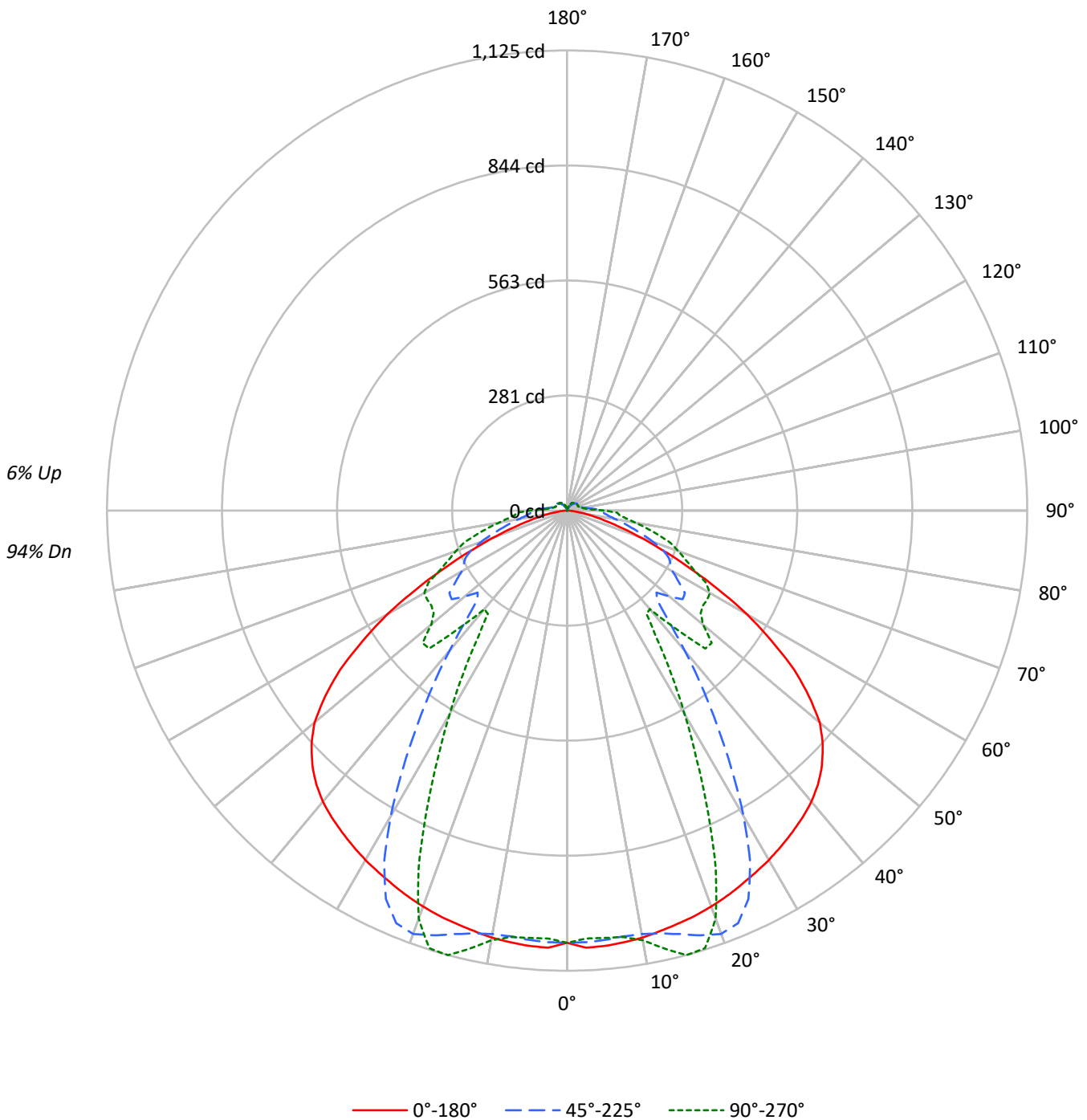
Input Watts (W): 21
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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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	118	118	118	118	114	114	114	114	108	108	108	102	102	102	97	97	97	94
1	107	102	98	94	104	99	95	92	94	91	88	89	87	84	85	83	81	78
2	98	90	83	77	95	87	81	76	83	78	73	79	74	71	75	71	68	66
3	89	79	71	65	87	77	70	64	73	67	62	70	65	60	67	62	59	56
4	82	71	62	56	80	69	61	55	66	59	53	63	57	52	60	55	51	49
5	76	63	55	48	74	62	54	48	59	52	47	57	51	46	54	49	45	43
6	70	58	49	43	68	56	48	42	54	47	41	52	45	41	50	44	40	38
7	66	52	44	38	64	51	43	38	49	42	37	47	41	36	46	40	36	34
8	61	48	40	34	59	47	39	34	45	38	33	44	37	33	42	37	32	30
9	57	44	36	31	56	44	36	31	42	35	30	41	34	30	39	34	29	28
10	54	41	33	28	52	40	33	28	39	32	28	38	32	27	37	31	27	25

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	17075	17075	17075
5°	17236	16644	16471
10°	17211	16362	16415
15°	17210	16563	17108
20°	17320	17025	16058
25°	17480	16332	12364
30°	17767	13654	8795
35°	18141	10321	5956
40°	18621	7488	5043
45°	18954	5421	7929
50°	18880	5987	7524
55°	17531	6872	7429
60°	14814	6268	7898
65°	11024	6299	7225
70°	7622	5709	6723
75°	4876	4757	6034
80°	2989	4042	5021
85°	1471	3804	4508



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	100.5	3.7
10°-20°	303.5	11.2
20°-30°	441.0	16.2
30°-40°	421.3	15.5
40°-50°	385.4	14.2
50°-60°	355.8	13.1
60°-70°	282.7	10.4
70°-80°	174.5	6.4
80°-90°	95.0	3.5
90°-100°	48.0	1.8
100°-110°	30.2	1.1
110°-120°	25.6	0.9
120°-130°	20.9	0.8
130°-140°	15.0	0.6
140°-150°	9.2	0.3
150°-160°	4.4	0.2
160°-170°	1.1	0.0
170°-180°	0.0	0.0
0°-30°	845.0	31.1
0°-40°	1266.3	46.7
0°-60°	2007.5	74.0
0°-90°	2559.7	94.3
90°-120°	103.7	3.8
90°-150°	148.8	5.5
90°-180°	154.0	5.7
0°-180°	2714.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1056	1056	1056	1056	1056	
5°	1068	1052	1054	1048	1049	102
15°	1046	1032	1072	1112	1125	296
25°	1009	1028	1048	887	815	466
35°	960	944	636	438	381	602
45°	881	615	311	396	477	677
55°	678	315	352	378	405	597
65°	327	204	274	333	341	331
75°	96	109	164	218	232	109
85°	14	46	93	127	129	17
90°	0	35	83	99	91	1
95°	0	32	58	51	48	0
105°	0	29	36	32	32	0
115°	0	24	34	30	29	0
125°	0	19	30	30	28	0
135°	0	14	24	27	26	0
145°	0	8	17	22	23	0
155°	1	5	10	14	16	0
165°	1	3	5	6	9	0
175°	0	0	0	0	0	0
180°	0	0	0	0	0	0



TEST NUMBER: P#

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1056.5	1056.5	1056.5	1056.5	1056.5
2.5°	1069.6	1054.2	1056.1	1052.8	1047.2
5°	1068.2	1051.9	1053.7	1048.1	1048.6
7.5°	1064.5	1047.6	1050.0	1049.1	1051.4
10°	1060.3	1042.5	1051.4	1059.3	1066.4
12.5°	1052.8	1036.9	1058.4	1081.8	1096.3
15°	1045.8	1031.7	1072.0	1111.7	1125.3
17.5°	1038.8	1029.9	1088.8	1123.4	1121.5
20°	1029.9	1028.9	1101.4	1089.7	1061.2
22.5°	1020.1	1029.4	1091.6	1006.0	949.9
25°	1008.8	1028.5	1048.1	887.2	814.7
27.5°	997.6	1024.3	969.1	757.2	685.6
30°	986.4	1013.0	862.4	638.4	573.4
32.5°	973.3	988.7	746.4	533.2	473.3
35°	959.7	944.3	636.5	438.2	381.2
37.5°	945.7	880.2	537.9	355.0	318.5
40°	928.9	799.8	447.1	304.5	314.3
42.5°	907.8	709.0	367.1	319.4	387.7
45°	881.1	614.6	310.6	396.1	477.1
47.5°	847.5	523.8	296.5	453.7	478.9
50°	806.8	440.6	326.0	435.0	433.1
52.5°	745.0	371.4	355.9	396.6	411.6
55°	677.7	315.2	351.7	378.4	405.0
57.5°	592.6	277.3	322.7	374.6	405.5
60°	507.9	252.1	297.9	374.2	403.2
62.5°	414.4	229.2	285.3	365.3	382.6
65°	326.9	204.4	274.1	333.0	341.0
67.5°	250.7	179.1	254.4	297.0	312.9
70°	189.0	154.3	223.6	269.4	289.0
72.5°	136.1	131.0	191.8	245.1	265.7
75°	96.3	109.0	164.2	217.5	232.0
77.5°	66.4	88.9	140.8	187.1	198.8
80°	43.5	71.1	119.7	160.9	168.8
82.5°	26.2	57.1	103.8	140.8	145.0
85°	13.6	46.3	93.1	126.7	128.6
87.5°	4.2	38.8	87.0	120.2	122.5
90°	0.5	34.6	83.3	98.7	91.2
92.5°	0.0	32.7	72.0	67.3	60.3
95°	0.0	32.3	57.5	51.0	48.2
97.5°	0.0	31.3	47.2	42.6	41.2
100°	0.0	30.4	40.7	37.4	36.9
102.5°	0.0	29.9	36.9	34.1	33.7
105°	0.0	29.0	35.5	32.3	31.8
107.5°	0.0	27.6	34.6	31.3	30.4
110°	0.0	26.2	34.6	30.9	29.5



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	0.0	24.8	34.6	30.4	29.0
115°	0.0	23.9	34.1	30.4	29.0
117.5°	0.5	22.9	33.7	30.4	29.0
120°	0.0	22.0	32.7	30.4	28.5
122.5°	0.5	20.6	31.8	29.9	28.5
125°	0.5	19.2	30.4	29.5	28.1
127.5°	0.5	17.8	29.0	28.5	27.1
130°	0.5	16.4	27.6	28.1	26.7
132.5°	0.5	15.0	25.7	27.1	26.2
135°	0.5	13.6	24.3	26.7	25.7
137.5°	0.5	12.2	22.4	25.3	25.3
140°	0.5	10.8	20.6	24.3	24.8
142.5°	0.5	9.8	18.7	23.4	23.9
145°	0.5	8.4	16.8	21.5	22.9
147.5°	0.5	7.5	15.0	19.6	21.5
150°	0.5	6.5	13.1	17.8	19.6
152.5°	0.5	5.6	11.7	15.4	18.2
155°	0.9	5.1	10.3	13.6	16.4
157.5°	0.9	4.2	8.4	11.7	14.0
160°	0.9	3.7	7.5	9.8	12.6
162.5°	0.9	3.3	6.1	8.4	10.8
165°	0.9	2.8	5.1	6.5	8.9
167.5°	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)