

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: CORELITE

Report Number: P189109

Luminaire Tested: **DRI-WS-5L35-UNV-14-T1-STD**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P189109
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P34838)
Test Lab: INNOVATION CENTER-P3
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: CORELITE
Catalog Number: DRI-WS-5L35-UNV-14-T1-STD
Description: DIVIDE RECESSED 1x4 LED LUMINAIRE, WaveStream SPECULAR OPTIC
Light Source: (308) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

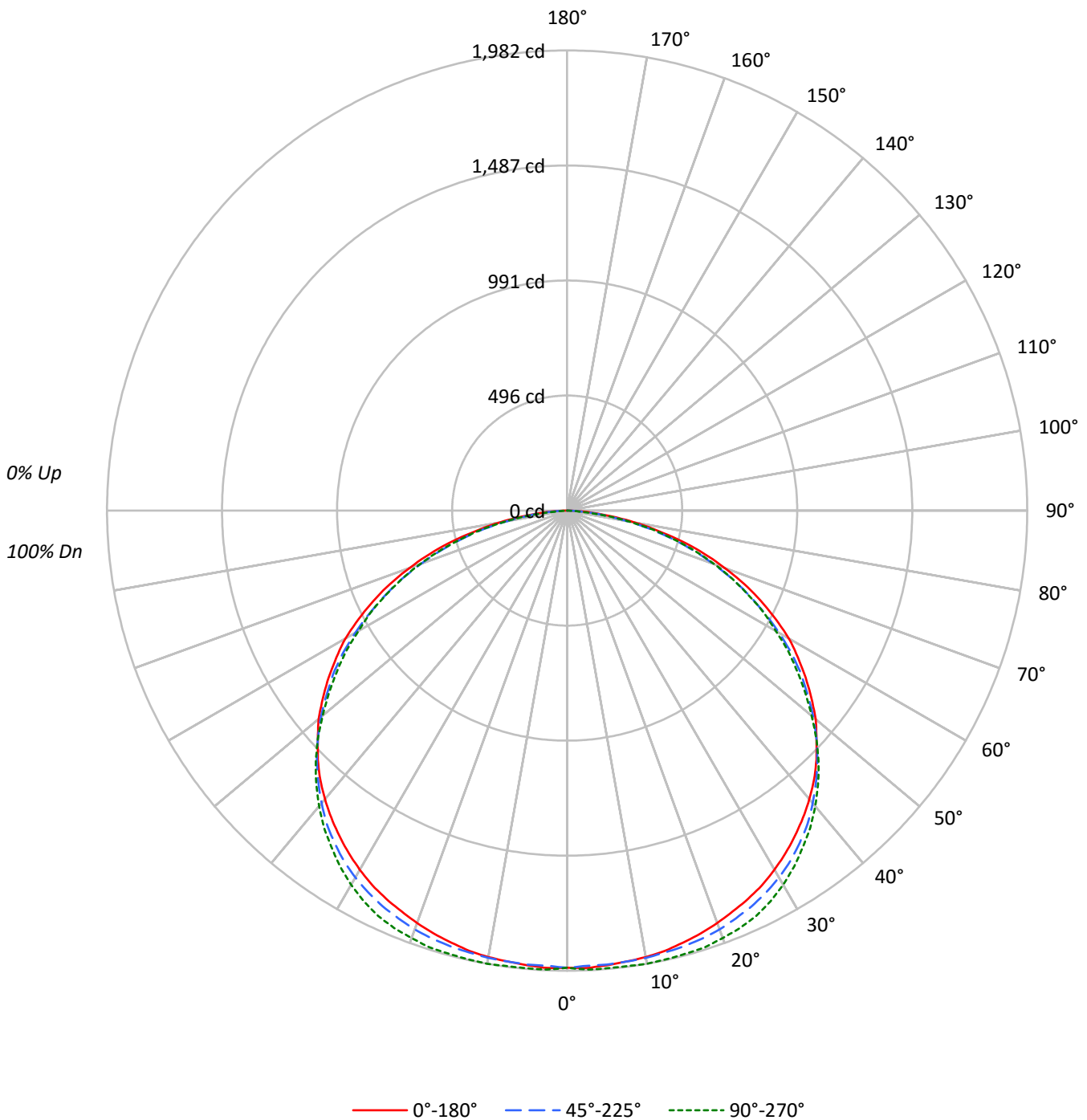
Lumens per Lamp: N/A
Luminaire Lumens: 6469.6 lumens
Efficiency: N/A
Efficacy: 120.3 lumens/watt
Spacing Criteria (0/90/45): 1.35 / 1.39 / 1.48
Luminous Opening: Rectangular (W 0.96' x L: 3.83' x H: 0')
CIE Type: Direct

Input Watts (W): 53.8
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	108	103	99	95	106	101	97	93	97	94	91	93	90	88	89	87	85	83
2	98	90	83	77	95	88	81	76	84	79	74	81	76	72	78	74	71	68
3	89	78	70	63	87	77	69	62	74	67	61	71	65	60	68	63	59	57
4	81	69	60	53	79	68	59	53	65	58	52	63	56	51	60	55	50	48
5	75	61	52	45	72	60	51	45	58	50	44	56	49	44	54	48	43	41
6	69	55	46	39	67	54	45	39	52	44	39	51	44	38	49	43	38	36
7	64	50	41	34	62	49	40	34	47	40	34	46	39	34	44	38	34	31
8	59	45	37	31	58	45	36	30	43	36	30	42	35	30	41	35	30	28
9	55	41	33	27	54	41	33	27	40	32	27	39	32	27	38	31	27	25
10	52	38	30	25	50	38	30	25	37	29	25	36	29	24	35	29	24	22

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	5769	5769	5769
5°	5782	5772	5820
10°	5810	5819	5897
15°	5844	5893	5993
20°	5895	5987	6109
25°	5965	6081	6228
30°	6043	6176	6297
35°	6120	6249	6330
40°	6207	6295	6357
45°	6292	6319	6346
50°	6370	6311	6266
55°	6405	6288	6188
60°	6468	6181	6085
65°	6384	5999	5976
70°	6182	5735	5790
75°	5803	5286	5360
80°	5013	4407	4463
85°	3732	3073	2084



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	187.8	2.9
10°-20°	551.4	8.5
20°-30°	869.2	13.4
30°-40°	1092.2	16.9
40°-50°	1176.6	18.2
50°-60°	1101.1	17.0
60°-70°	870.7	13.5
70°-80°	506.3	7.8
80°-90°	114.4	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°	1608.4	24.9
0°-40°	2700.5	41.7
0°-60°	4978.2	76.9
0°-90°	6469.6	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	6469.6	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1969	1969	1969	1969	1969	
5°	1966	1969	1962	1976	1979	187
15°	1926	1933	1943	1966	1976	545
25°	1845	1858	1881	1914	1926	851
35°	1711	1727	1747	1766	1770	1071
45°	1518	1525	1525	1528	1531	1171
55°	1254	1254	1231	1218	1211	1121
65°	921	904	865	865	862	909
75°	513	490	467	474	474	538
85°	111	101	91	75	62	137
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1969.0	1969.0	1969.0	1969.0	1969.0
2.5°	1972.2	1969.0	1962.4	1975.5	1978.8
5°	1965.7	1969.0	1962.4	1975.5	1978.8
7.5°	1959.2	1962.4	1959.2	1975.5	1978.8
10°	1952.6	1955.9	1955.9	1975.5	1982.0
12.5°	1942.8	1946.1	1949.4	1972.2	1978.8
15°	1926.5	1933.0	1942.8	1965.7	1975.5
17.5°	1910.2	1920.0	1933.0	1962.4	1972.2
20°	1890.6	1900.4	1920.0	1949.4	1959.2
22.5°	1867.7	1880.8	1900.4	1933.0	1946.1
25°	1844.9	1857.9	1880.8	1913.5	1926.5
27.5°	1818.8	1831.8	1854.7	1887.3	1897.1
30°	1786.1	1802.4	1825.3	1854.7	1861.2
32.5°	1750.2	1766.5	1789.4	1812.2	1818.8
35°	1711.0	1727.3	1746.9	1766.5	1769.8
37.5°	1668.6	1684.9	1701.2	1714.3	1720.8
40°	1622.8	1635.9	1645.7	1658.8	1662.0
42.5°	1573.9	1583.7	1586.9	1600.0	1600.0
45°	1518.4	1524.9	1524.9	1528.2	1531.4
47.5°	1456.3	1466.1	1456.3	1459.6	1456.3
50°	1397.5	1397.5	1384.5	1381.2	1374.7
52.5°	1325.7	1325.7	1306.1	1299.6	1293.1
55°	1253.9	1253.9	1231.0	1218.0	1211.4
57.5°	1178.8	1172.2	1146.1	1133.1	1129.8
60°	1103.7	1087.3	1054.7	1044.9	1038.4
62.5°	1012.2	999.2	960.0	956.7	956.7
65°	920.8	904.5	865.3	865.3	862.0
67.5°	826.1	806.5	770.6	770.6	770.6
70°	721.6	702.0	669.4	672.6	675.9
72.5°	620.4	597.5	568.2	571.4	574.7
75°	512.6	489.8	466.9	473.5	473.5
77.5°	398.4	385.3	365.7	369.0	375.5
80°	297.1	280.8	261.2	267.8	264.5
82.5°	195.9	179.6	169.8	166.5	166.5
85°	111.0	101.2	91.4	75.1	62.0
87.5°	49.0	35.9	13.1	9.8	6.5
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)