

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: P189077

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

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P189077
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P34833)
Test Lab: INNOVATION CENTER-P3
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: CORELITE
Catalog Number: DRI-WD-5L35-UNV-14-T1-STD
Description: DIVIDE RECESSED 1x4 LED LUMINAIRE, WaveStream DIFFUSE OPTIC
Light Source: (308) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6825.4 lumens
Efficiency: N/A
Efficacy: 126.9 lumens/watt
Spacing Criteria (0/90/45): 1.3 / 1.36 / 1.46
Luminous Opening: Rectangular (W 0.96' x L: 3.83' x H: 0')
CIE Type: Direct

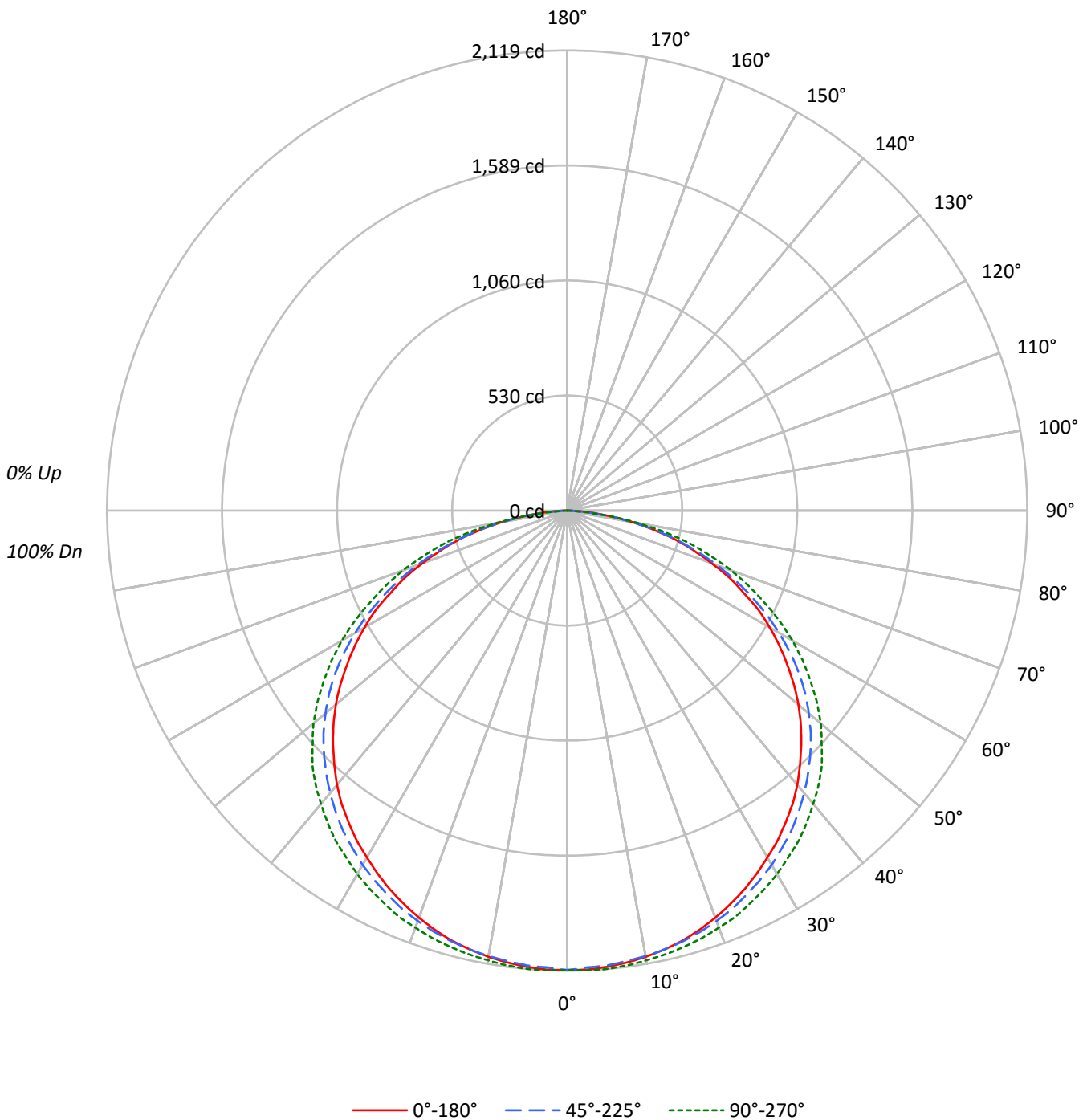
Input Watts (W): 53.8
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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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	93	90	93	90	87	89	87	85	83
2	98	89	82	76	95	87	81	75	84	78	74	81	76	72	77	74	70	68
3	89	78	69	63	86	76	68	62	73	67	61	71	65	60	68	63	59	57
4	81	69	60	53	79	67	59	52	65	57	51	62	56	51	60	55	50	48
5	74	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	38	50	43	38	49	42	38	36
7	63	50	40	34	62	49	40	34	47	39	34	46	39	34	44	38	33	31
8	59	45	36	30	57	44	36	30	43	35	30	42	35	30	41	34	30	28
9	55	41	33	27	54	41	33	27	39	32	27	38	32	27	37	31	27	25
10	52	38	30	25	50	37	30	24	36	29	24	36	29	24	35	29	24	22

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	6200	6200	6200
5°	6204	6185	6233
10°	6208	6198	6256
15°	6220	6230	6310
20°	6221	6272	6374
25°	6228	6313	6450
30°	6242	6375	6540
35°	6272	6436	6646
40°	6307	6494	6745
45°	6319	6562	6874
50°	6341	6624	6951
55°	6322	6655	6989
60°	6314	6601	7023
65°	6226	6497	6950
70°	6071	6294	6882
75°	5840	5914	6617
80°	5069	5069	5565
85°	3732	3184	2195



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	200.8	2.9
10°-20°	582.3	8.5
20°-30°	903.8	13.2
30°-40°	1128.2	16.5
40°-50°	1225.2	18.0
50°-60°	1164.2	17.1
60°-70°	934.1	13.7
70°-80°	561.5	8.2
80°-90°	125.4	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°	1686.9	24.7
0°-40°	2815.1	41.2
0°-60°	5204.5	76.3
0°-90°	6825.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	6825.4	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2116	2116	2116	2116	2116	
5°	2109	2109	2103	2113	2119	201
15°	2051	2051	2054	2074	2080	579
25°	1926	1936	1953	1985	1995	889
35°	1754	1766	1799	1838	1858	1098
45°	1525	1544	1584	1636	1659	1177
55°	1238	1260	1303	1349	1368	1107
65°	898	911	937	983	1002	890
75°	516	516	522	562	584	537
85°	111	104	95	78	65	136
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2115.9	2115.9	2115.9	2115.9	2115.9
2.5°	2115.9	2115.9	2106.1	2119.2	2119.2
5°	2109.4	2109.4	2102.8	2112.6	2119.2
7.5°	2099.6	2099.6	2093.0	2106.1	2112.6
10°	2086.5	2086.5	2083.3	2096.3	2102.8
12.5°	2070.2	2073.5	2070.2	2086.5	2093.0
15°	2050.6	2050.6	2053.9	2073.5	2080.0
17.5°	2024.5	2027.7	2034.3	2053.9	2063.7
20°	1995.1	2001.6	2011.4	2034.3	2044.1
22.5°	1962.4	1972.2	1985.3	2011.4	2024.5
25°	1926.5	1936.3	1952.6	1985.3	1995.1
27.5°	1887.3	1900.4	1920.0	1952.6	1965.7
30°	1844.9	1857.9	1884.1	1916.7	1933.0
32.5°	1802.4	1815.5	1841.6	1877.5	1893.9
35°	1753.5	1766.5	1799.2	1838.4	1857.9
37.5°	1704.5	1717.5	1750.2	1792.6	1812.2
40°	1649.0	1665.3	1697.9	1743.7	1763.3
42.5°	1586.9	1603.3	1642.4	1694.7	1714.3
45°	1524.9	1544.5	1583.7	1635.9	1658.8
47.5°	1459.6	1479.2	1521.6	1573.9	1590.2
50°	1391.0	1410.6	1453.1	1505.3	1524.9
52.5°	1315.9	1342.0	1381.2	1430.2	1449.8
55°	1237.5	1260.4	1302.8	1348.6	1368.2
57.5°	1159.2	1178.8	1218.0	1263.7	1286.5
60°	1077.5	1090.6	1126.5	1172.2	1198.4
62.5°	995.9	1005.7	1035.1	1077.5	1103.7
65°	898.0	911.0	937.1	982.9	1002.4
67.5°	809.8	816.3	835.9	881.6	904.5
70°	708.6	718.4	734.7	773.9	803.3
72.5°	610.6	617.1	630.2	666.1	692.2
75°	515.9	515.9	522.4	561.6	584.5
77.5°	404.9	408.2	411.4	444.1	460.4
80°	300.4	300.4	300.4	313.5	329.8
82.5°	199.2	195.9	192.7	195.9	202.4
85°	111.0	104.5	94.7	78.4	65.3
87.5°	39.2	32.7	13.1	9.8	9.8
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)