

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: P189131

Luminaire Tested: **DRI-WS-5L35-UNV-24-T1-STD**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P189131  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P34844)  
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-24-T1-STD  
Description: DIVIDE RECESSED 2x4 LED LUMINAIRE, WaveStream SPECULAR OPTIC  
Light Source: (308) 3500K CCT, 80 CRI LEDs  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

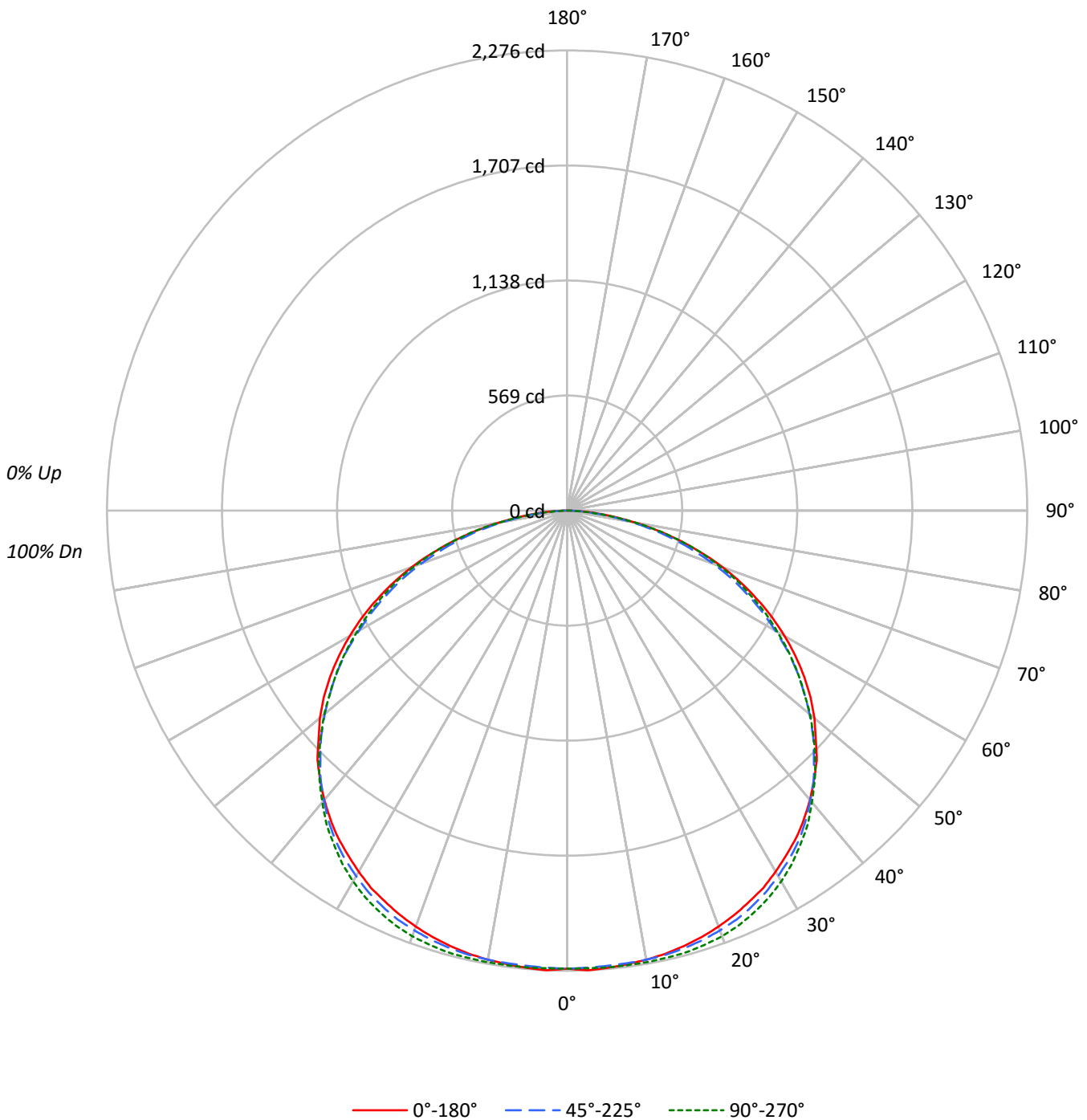
Lumens per Lamp: N/A  
Luminaire Lumens: 7408.4 lumens  
Efficiency: N/A  
Efficacy: 120.1 lumens/watt  
Spacing Criteria (0/90/45): 1.35 / 1.37 / 1.47  
Luminous Opening: Rectangular (W 1.79' x L: 3.83' x H: 0')  
CIE Type: Direct

Input Watts (W): 61.7  
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	93	90	93	90	88	89	87	85	83
2	98	89	82	76	95	88	81	75	84	78	74	81	76	72	78	74	70	68
3	89	78	70	63	87	76	69	62	73	67	61	71	65	60	68	63	59	57
4	81	69	60	53	79	68	59	52	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	50	44	38	49	43	38	36
7	64	50	41	34	62	49	40	34	47	40	34	46	39	34	44	38	33	31
8	59	45	37	31	57	45	36	30	43	36	30	42	35	30	41	34	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°	3551	3551	3551
5°	3572	3556	3568
10°	3589	3589	3610
15°	3618	3635	3672
20°	3651	3685	3736
25°	3689	3737	3790
30°	3732	3778	3833
35°	3779	3818	3853
40°	3823	3828	3854
45°	3871	3826	3848
50°	3892	3817	3823
55°	3909	3791	3798
60°	3894	3726	3766
65°	3842	3654	3738
70°	3745	3523	3675
75°	3515	3299	3515
80°	3056	2849	3056
85°	2473	2106	2151



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	215.7	2.9
10°-20°	633.7	8.6
20°-30°	996.3	13.4
30°-40°	1246.4	16.8
40°-50°	1336.5	18.0
50°-60°	1248.0	16.8
60°-70°	992.3	13.4
70°-80°	592.0	8.0
80°-90°	147.5	2.0
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°	1845.7	24.9
0°-40°	3092.1	41.7
0°-60°	5676.7	76.6
0°-90°	7408.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	7408.4	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	2266	2266	2266	2266	2266	
5°	2271	2260	2260	2258	2268	216
15°	2230	2227	2240	2250	2263	630
25°	2133	2136	2161	2179	2192	985
35°	1975	1978	1996	2006	2014	1236
45°	1746	1734	1726	1734	1736	1343
55°	1431	1408	1387	1385	1390	1277
65°	1036	1011	985	1000	1008	1024
75°	580	552	545	570	580	612
85°	138	122	117	117	120	162
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	2265.6	2265.6	2265.6	2265.6	2265.6
2.5°	2275.8	2263.1	2263.1	2258.0	2265.6
5°	2270.7	2260.5	2260.5	2258.0	2268.2
7.5°	2263.1	2255.4	2258.0	2258.0	2268.2
10°	2255.4	2250.4	2255.4	2258.0	2268.2
12.5°	2245.3	2237.6	2250.4	2255.4	2265.6
15°	2230.0	2227.4	2240.2	2250.4	2263.1
17.5°	2212.2	2209.6	2227.4	2240.2	2252.9
20°	2189.3	2189.3	2209.6	2224.9	2240.2
22.5°	2163.8	2166.4	2189.3	2207.1	2219.8
25°	2133.3	2135.8	2161.3	2179.1	2191.8
27.5°	2102.7	2102.7	2128.2	2146.0	2158.7
30°	2062.0	2067.1	2087.4	2105.3	2118.0
32.5°	2018.7	2023.8	2044.2	2059.4	2069.6
35°	1975.4	1978.0	1995.8	2006.0	2013.6
37.5°	1924.5	1924.5	1937.2	1944.9	1955.1
40°	1868.5	1866.0	1871.1	1878.7	1883.8
42.5°	1807.4	1802.3	1804.9	1812.5	1812.5
45°	1746.3	1733.6	1726.0	1733.6	1736.1
47.5°	1667.4	1662.3	1649.6	1652.1	1652.1
50°	1596.1	1578.3	1565.6	1563.0	1568.1
52.5°	1517.2	1496.8	1476.5	1473.9	1476.5
55°	1430.7	1407.7	1387.4	1384.8	1389.9
57.5°	1339.0	1316.1	1293.2	1295.7	1298.3
60°	1242.3	1214.3	1188.8	1196.5	1201.5
62.5°	1143.0	1115.0	1089.5	1097.2	1109.9
65°	1036.1	1010.6	985.2	1000.4	1008.1
67.5°	929.2	901.2	880.8	898.6	911.3
70°	817.2	786.6	768.8	791.7	801.9
72.5°	700.1	677.1	654.2	684.8	697.5
75°	580.4	552.4	544.8	570.2	580.4
77.5°	463.3	437.9	430.2	453.1	465.9
80°	338.6	323.3	315.7	330.9	338.6
82.5°	229.1	211.3	208.7	216.4	221.5
85°	137.5	122.2	117.1	117.1	119.6
87.5°	58.6	50.9	38.2	35.6	28.0
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)