

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: P189105

Luminaire Tested: **DRI-WS-1L35-UNV-14-T1-STD**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P189105  
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-1L35-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**

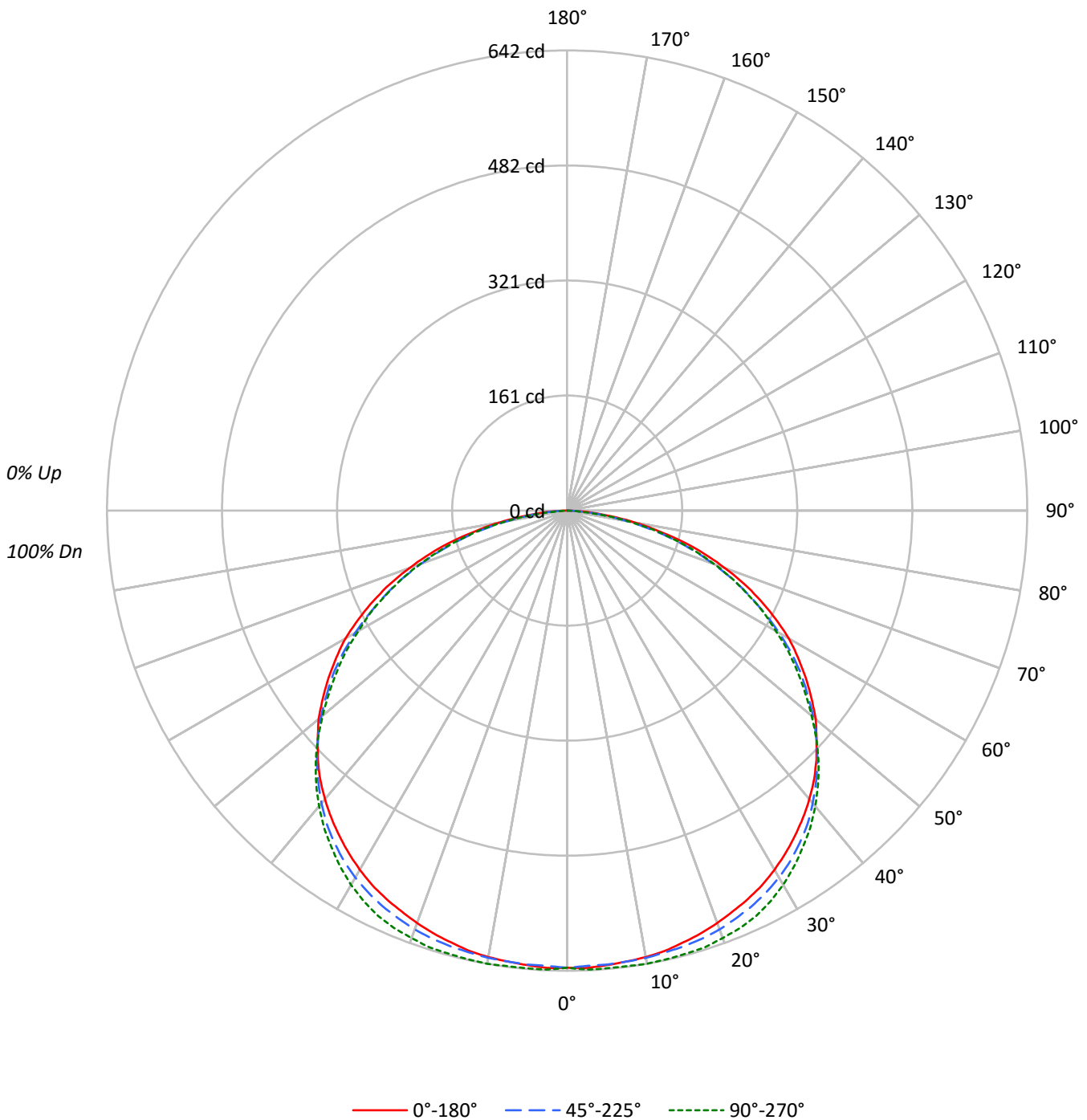
Lumens per Lamp: N/A  
Luminaire Lumens: 2095.7 lumens  
Efficiency: N/A  
Efficacy: 128.6 lumens/watt  
Spacing Criteria (0/90/45): 1.35 / 1.39 / 1.48  
Luminous Opening: Rectangular (W 0.96' x L: 3.83' x H: 0')  
CIE Type: Direct

Input Watts (W): 16.3  
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°	1869	1869	1869
5°	1873	1870	1885
10°	1882	1885	1910
15°	1893	1909	1941
20°	1910	1939	1979
25°	1932	1970	2017
30°	1958	2001	2040
35°	1982	2024	2051
40°	2011	2039	2059
45°	2038	2047	2056
50°	2064	2044	2030
55°	2075	2037	2005
60°	2095	2002	1971
65°	2068	1943	1936
70°	2003	1857	1875
75°	1880	1713	1737
80°	1625	1428	1446
85°	1210	995	676



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	60.8	2.9
10°-20°	178.6	8.5
20°-30°	281.6	13.4
30°-40°	353.8	16.9
40°-50°	381.1	18.2
50°-60°	356.7	17.0
60°-70°	282.0	13.5
70°-80°	164.0	7.8
80°-90°	37.1	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°	521.0	24.9
0°-40°	874.8	41.7
0°-60°	1612.5	76.9
0°-90°	2095.7	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2095.7	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	638	638	638	638	638	
5°	637	638	636	640	641	61
15°	624	626	629	637	640	176
25°	598	602	609	620	624	276
35°	554	560	566	572	573	347
45°	492	494	494	495	496	379
55°	406	406	399	394	392	363
65°	298	293	280	280	279	294
75°	166	159	151	153	153	174
85°	36	33	30	24	20	44
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	637.8	637.8	637.8	637.8	637.8
2.5°	638.8	637.8	635.7	639.9	641.0
5°	636.7	637.8	635.7	639.9	641.0
7.5°	634.6	635.7	634.6	639.9	641.0
10°	632.5	633.6	633.6	639.9	642.0
12.5°	629.3	630.4	631.4	638.8	641.0
15°	624.0	626.2	629.3	636.7	639.9
17.5°	618.8	621.9	626.2	635.7	638.8
20°	612.4	615.6	621.9	631.4	634.6
22.5°	605.0	609.2	615.6	626.2	630.4
25°	597.6	601.8	609.2	619.8	624.0
27.5°	589.1	593.4	600.8	611.3	614.5
30°	578.6	583.8	591.3	600.8	602.9
32.5°	566.9	572.2	579.6	587.0	589.1
35°	554.2	559.5	565.9	572.2	573.3
37.5°	540.5	545.8	551.1	555.3	557.4
40°	525.7	529.9	533.1	537.3	538.4
42.5°	509.8	513.0	514.0	518.3	518.3
45°	491.8	493.9	493.9	495.0	496.1
47.5°	471.7	474.9	471.7	472.8	471.7
50°	452.7	452.7	448.5	447.4	445.3
52.5°	429.4	429.4	423.1	421.0	418.8
55°	406.2	406.2	398.8	394.5	392.4
57.5°	381.8	379.7	371.3	367.0	366.0
60°	357.5	352.2	341.6	338.5	336.3
62.5°	327.9	323.7	311.0	309.9	309.9
65°	298.3	293.0	280.3	280.3	279.2
67.5°	267.6	261.3	249.6	249.6	249.6
70°	233.8	227.4	216.8	217.9	218.9
72.5°	201.0	193.6	184.0	185.1	186.2
75°	166.1	158.7	151.3	153.4	153.4
77.5°	129.0	124.8	118.5	119.5	121.6
80°	96.3	91.0	84.6	86.7	85.7
82.5°	63.5	58.2	55.0	53.9	53.9
85°	36.0	32.8	29.6	24.3	20.1
87.5°	15.9	11.6	4.2	3.2	2.1
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)