

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: P189100

Luminaire Tested: **DRI-WS-1L30-UNV-14-T1-STD**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P189100  
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-1L30-UNV-14-T1-STD  
Description: DIVIDE RECESSED 1x4 LED LUMINAIRE, WaveStream SPECULAR OPTIC  
Light Source: (308) 3000K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

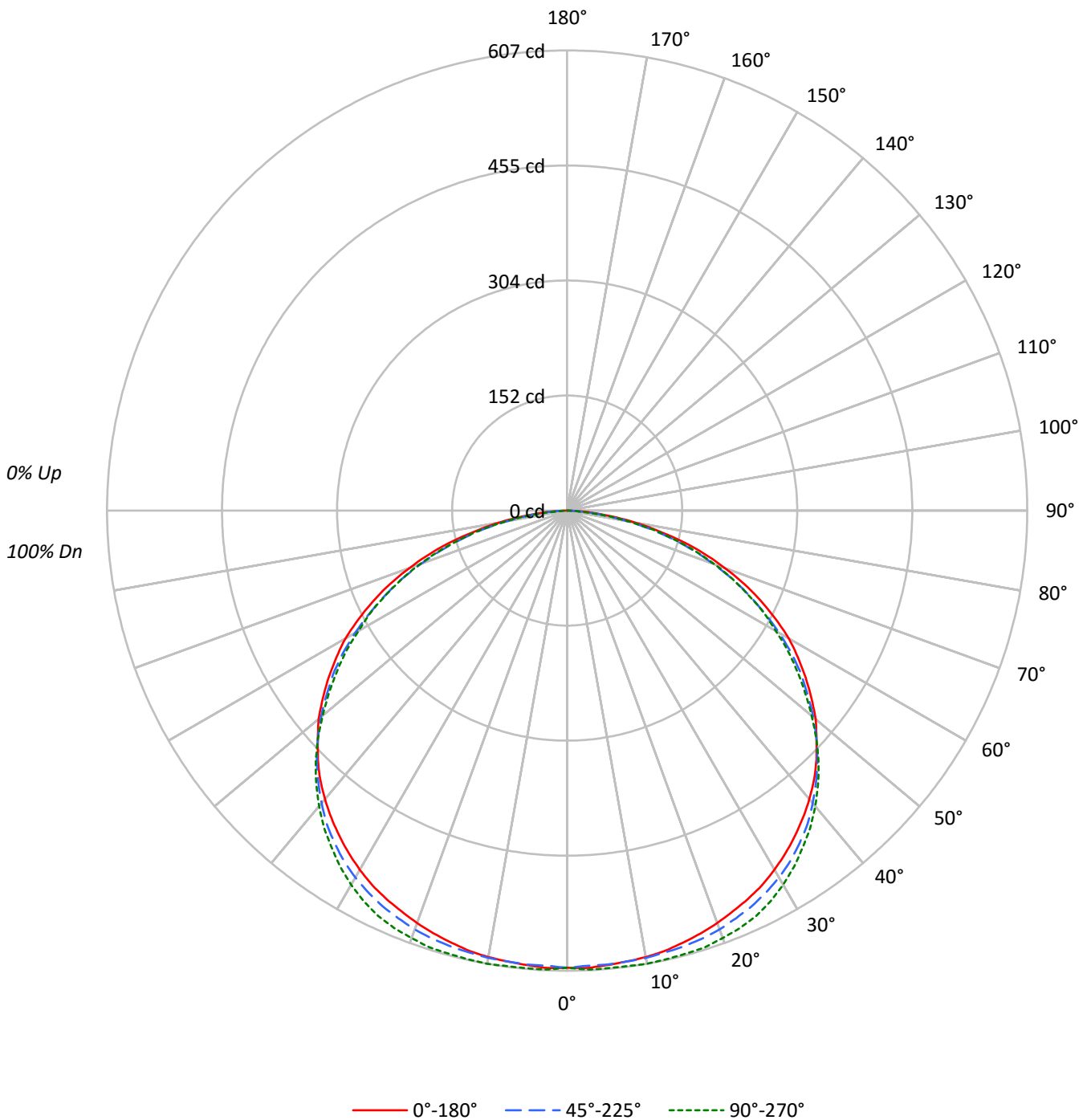
Lumens per Lamp: N/A  
Luminaire Lumens: 1981.3 lumens  
Efficiency: N/A  
Efficacy: 121.6 lumens/watt  
Spacing Criteria (0/90/45): 1.35 / 1.39 / 1.48  
Luminous Opening: Rectangular (W 0.96' x L: 3.83' x H: 0')  
CIE Type: Direct

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°	1767	1767	1767
5°	1771	1768	1782
10°	1779	1782	1806
15°	1790	1805	1835
20°	1805	1833	1871
25°	1827	1862	1907
30°	1851	1891	1929
35°	1874	1914	1939
40°	1901	1928	1947
45°	1927	1935	1943
50°	1951	1933	1919
55°	1962	1926	1895
60°	1981	1893	1864
65°	1955	1837	1830
70°	1893	1756	1773
75°	1777	1619	1642
80°	1535	1350	1367
85°	1143	941	639



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	57.5	2.9
10°-20°	168.9	8.5
20°-30°	266.2	13.4
30°-40°	334.5	16.9
40°-50°	360.3	18.2
50°-60°	337.2	17.0
60°-70°	266.7	13.5
70°-80°	155.1	7.8
80°-90°	35.0	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°	492.6	24.9
0°-40°	827.0	41.7
0°-60°	1524.6	76.9
0°-90°	1981.3	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1981.3	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	603	603	603	603	603	
5°	602	603	601	605	606	57
15°	590	592	595	602	605	167
25°	565	569	576	586	590	261
35°	524	529	535	541	542	328
45°	465	467	467	468	469	359
55°	384	384	377	373	371	343
65°	282	277	265	265	264	278
75°	157	150	143	145	145	165
85°	34	31	28	23	19	42
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	603	603	603	603	603
2.5°	604	603	601	605	606
5°	602	603	601	605	606
7.5°	600	601	600	605	606
10°	598	599	599	605	607
12.5°	595	596	597	604	606
15°	590	592	595	602	605
17.5°	585	588	592	601	604
20°	579	582	588	597	600
22.5°	572	576	582	592	596
25°	565	569	576	586	590
27.5°	557	561	568	578	581
30°	547	552	559	568	570
32.5°	536	541	548	555	557
35°	524	529	535	541	542
37.5°	511	516	521	525	527
40°	497	501	504	508	509
42.5°	482	485	486	490	490
45°	465	467	467	468	469
47.5°	446	449	446	447	446
50°	428	428	424	423	421
52.5°	406	406	400	398	396
55°	384	384	377	373	371
57.5°	361	359	351	347	346
60°	338	333	323	320	318
62.5°	310	306	294	293	293
65°	282	277	265	265	264
67.5°	253	247	236	236	236
70°	221	215	205	206	207
72.5°	190	183	174	175	176
75°	157	150	143	145	145
77.5°	122	118	112	113	115
80°	91	86	80	82	81
82.5°	60	55	52	51	51
85°	34	31	28	23	19
87.5°	15	11	4	3	2
90°	0	0	0	0	0

(END OF REPORT)