

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: P189104

Luminaire Tested: **DRI-WS-5L30-UNV-14-T1-STD**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P189104  
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-5L30-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**

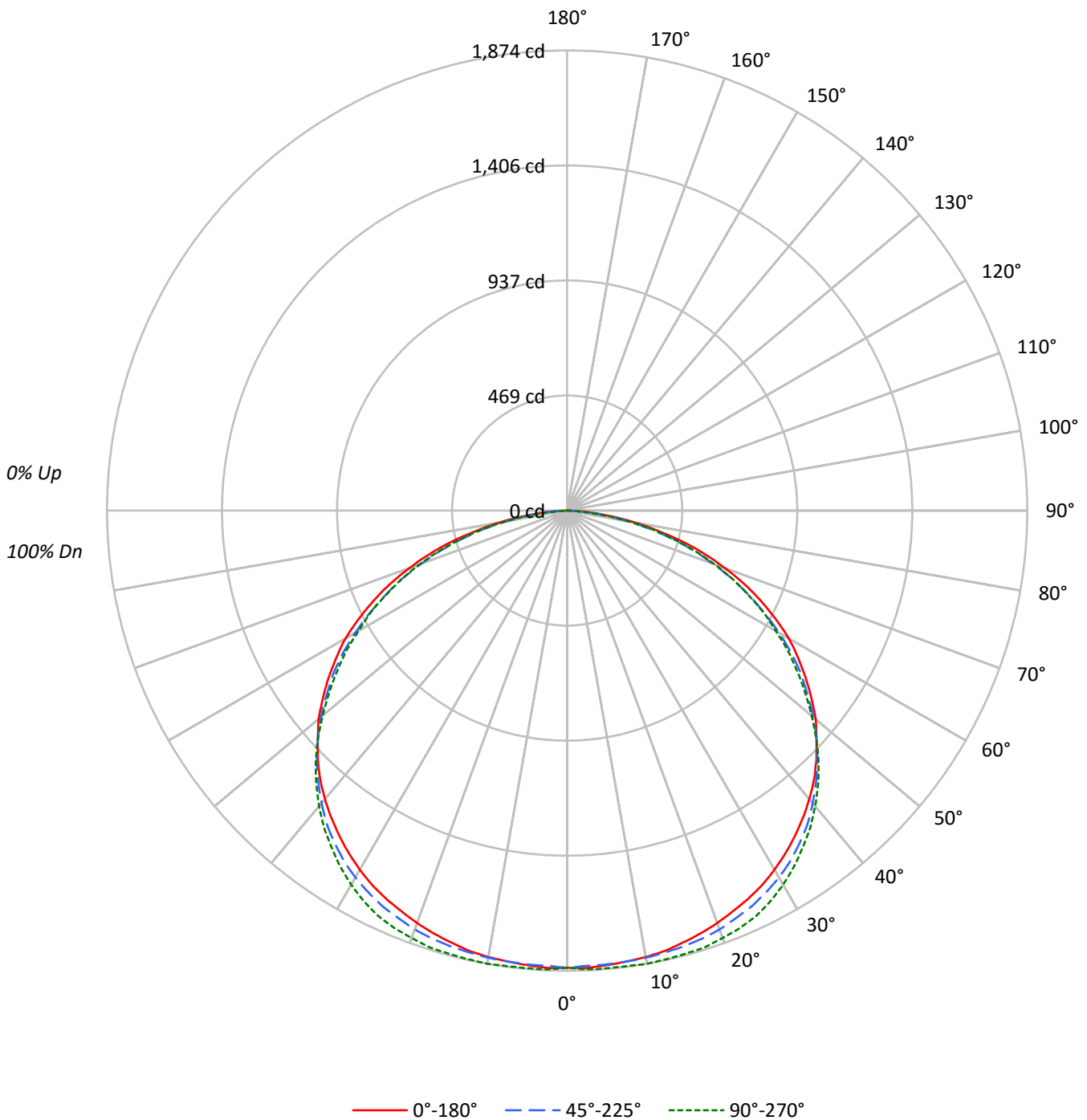
Lumens per Lamp: N/A  
Luminaire Lumens: 6116.7 lumens  
Efficiency: N/A  
Efficacy: 113.7 lumens/watt  
Spacing Criteria (0/90/45): 1.35 / 1.39 / 1.48  
Luminous Opening: Rectangular (W 0.96' x L: 3.83' x H: 0')  
CIE Type: Direct

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°	5455	5455	5455
5°	5466	5457	5503
10°	5493	5502	5575
15°	5525	5572	5666
20°	5574	5660	5776
25°	5639	5749	5889
30°	5713	5839	5954
35°	5786	5908	5985
40°	5869	5951	6010
45°	5948	5974	6000
50°	6023	5967	5925
55°	6056	5946	5851
60°	6115	5844	5753
65°	6036	5672	5651
70°	5845	5422	5474
75°	5487	4998	5067
80°	4740	4168	4220
85°	3530	2905	1973



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	177.5	2.9
10°-20°	521.3	8.5
20°-30°	821.8	13.4
30°-40°	1032.6	16.9
40°-50°	1112.4	18.2
50°-60°	1041.0	17.0
60°-70°	823.2	13.5
70°-80°	478.7	7.8
80°-90°	108.2	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°	1520.6	24.9
0°-40°	2553.2	41.7
0°-60°	4706.6	76.9
0°-90°	6116.7	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	6116.7	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	1862	1862	1862	1862	1862	
5°	1858	1862	1855	1868	1871	177
15°	1821	1828	1837	1858	1868	515
25°	1744	1757	1778	1809	1821	805
35°	1618	1633	1652	1670	1673	1013
45°	1436	1442	1442	1445	1448	1107
55°	1186	1186	1164	1152	1145	1060
65°	871	855	818	818	815	859
75°	485	463	442	448	448	509
85°	105	96	86	71	59	130
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	1861.6	1861.6	1861.6	1861.6	1861.6
2.5°	1864.6	1861.6	1855.4	1867.7	1870.8
5°	1858.5	1861.6	1855.4	1867.7	1870.8
7.5°	1852.3	1855.4	1852.3	1867.7	1870.8
10°	1846.1	1849.2	1849.2	1867.7	1873.9
12.5°	1836.9	1839.9	1843.0	1864.6	1870.8
15°	1821.4	1827.6	1836.9	1858.5	1867.7
17.5°	1806.0	1815.2	1827.6	1855.4	1864.6
20°	1787.5	1796.7	1815.2	1843.0	1852.3
22.5°	1765.9	1778.2	1796.7	1827.6	1839.9
25°	1744.2	1756.6	1778.2	1809.1	1821.4
27.5°	1719.5	1731.9	1753.5	1784.4	1793.6
30°	1688.7	1704.1	1725.7	1753.5	1759.7
32.5°	1654.7	1670.2	1691.8	1713.4	1719.5
35°	1617.7	1633.1	1651.6	1670.2	1673.2
37.5°	1577.5	1593.0	1608.4	1620.8	1626.9
40°	1534.3	1546.7	1555.9	1568.3	1571.4
42.5°	1488.0	1497.3	1500.4	1512.7	1512.7
45°	1435.5	1441.7	1441.7	1444.8	1447.9
47.5°	1376.9	1386.1	1376.9	1380.0	1376.9
50°	1321.3	1321.3	1309.0	1305.9	1299.7
52.5°	1253.4	1253.4	1234.9	1228.7	1222.5
55°	1185.5	1185.5	1163.9	1151.5	1145.3
57.5°	1114.5	1108.3	1083.6	1071.2	1068.2
60°	1043.5	1028.0	997.2	987.9	981.7
62.5°	957.0	944.7	907.6	904.5	904.5
65°	870.6	855.1	818.1	818.1	815.0
67.5°	781.1	762.5	728.6	728.6	728.6
70°	682.3	663.7	632.9	636.0	639.0
72.5°	586.6	565.0	537.2	540.3	543.3
75°	484.7	463.1	441.5	447.6	447.6
77.5°	376.6	364.3	345.8	348.8	355.0
80°	280.9	265.5	247.0	253.1	250.1
82.5°	185.2	169.8	160.5	157.4	157.4
85°	105.0	95.7	86.4	71.0	58.7
87.5°	46.3	34.0	12.3	9.3	6.2
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)