

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: P189115

Luminaire Tested: **DRI-WS-6L30-UNV-22-T1-STD**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P189115  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P34832)  
Test Lab: INNOVATION CENTER-P3  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: CORELITE  
Catalog Number: DRI-WS-6L30-UNV-22-T1-STD  
Description: DIVIDE RECESSED 2x2 LED LUMINAIRE, WaveStream SPECULAR OPTIC  
Light Source: (168) 3000K CCT, 80 CRI LEDs  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

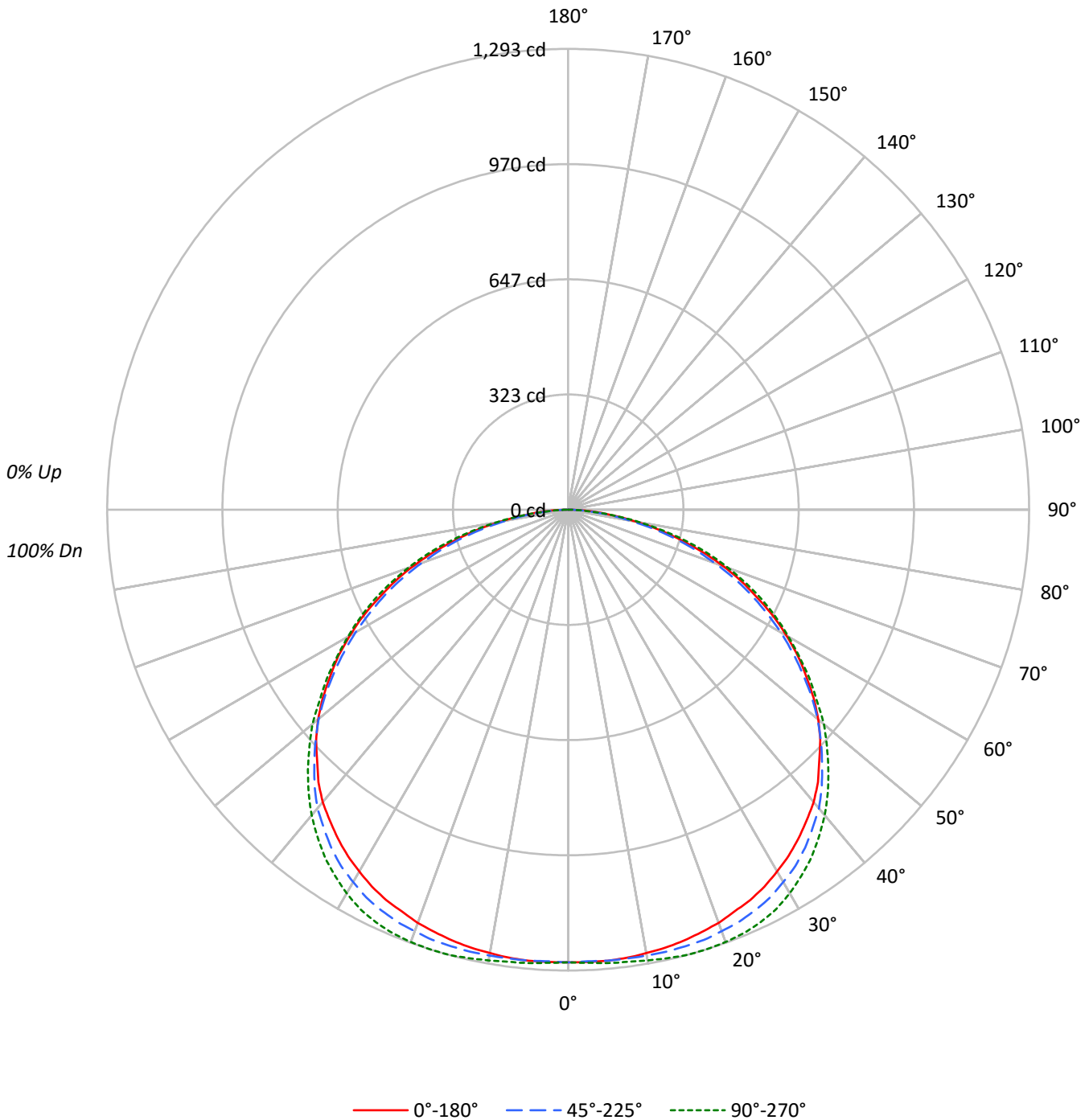
Lumens per Lamp: N/A  
Luminaire Lumens: 4280.5 lumens  
Efficiency: N/A  
Efficacy: 109.8 lumens/watt  
Spacing Criteria (0/90/45): 1.37 / 1.43 / 1.5  
Luminous Opening: Rectangular (W 1.79' x L: 1.79' x H: 0')  
CIE Type: Direct

Input Watts (W): 39  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): 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	86	76	69	62	73	67	61	71	65	60	68	63	59	57
4	81	69	60	53	79	67	59	52	65	57	52	63	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	43	38	36
7	63	50	41	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	40	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°	4259	4259	4259
5°	4275	4275	4299
10°	4302	4325	4372
15°	4346	4402	4489
20°	4402	4492	4606
25°	4471	4590	4725
30°	4537	4670	4812
35°	4610	4741	4872
40°	4688	4789	4899
45°	4721	4775	4895
50°	4776	4764	4883
55°	4763	4696	4830
60°	4743	4620	4789
65°	4649	4503	4776
70°	4532	4285	4689
75°	4211	4003	4477
80°	3756	3402	3933
85°	3170	2555	2732



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	121.4	2.8
10°-20°	359.5	8.4
20°-30°	572.6	13.4
30°-40°	724.2	16.9
40°-50°	780.1	18.2
50°-60°	725.2	16.9
60°-70°	572.6	13.4
70°-80°	339.1	7.9
80°-90°	85.9	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°	1053.5	24.6
0°-40°	1777.7	41.5
0°-60°	3283.0	76.7
0°-90°	4280.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	4280.5	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	1270	1270	1270	1270	1270	
5°	1270	1268	1270	1275	1277	121
15°	1252	1256	1268	1286	1293	354
25°	1208	1215	1240	1266	1277	557
35°	1126	1135	1158	1181	1190	705
45°	996	1000	1007	1023	1032	770
55°	815	806	803	815	826	729
65°	586	570	568	588	602	581
75°	325	311	309	332	346	346
85°	82	73	66	69	71	95
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	1270.2	1270.2	1270.2	1270.2	1270.2
2.5°	1270.2	1270.2	1268.0	1270.2	1272.5
5°	1270.2	1268.0	1270.2	1274.8	1277.1
7.5°	1268.0	1268.0	1270.2	1274.8	1279.4
10°	1263.4	1263.4	1270.2	1279.4	1284.0
12.5°	1258.8	1261.1	1270.2	1281.7	1288.6
15°	1251.9	1256.5	1268.0	1286.3	1293.1
17.5°	1242.8	1249.6	1265.7	1284.0	1293.1
20°	1233.6	1240.5	1258.8	1281.7	1290.8
22.5°	1219.9	1229.0	1251.9	1274.8	1286.3
25°	1208.4	1215.3	1240.5	1265.7	1277.1
27.5°	1192.4	1201.6	1226.8	1251.9	1263.4
30°	1171.8	1183.3	1206.2	1231.3	1242.8
32.5°	1151.2	1160.4	1185.6	1208.4	1217.6
35°	1126.1	1135.2	1158.1	1181.0	1190.1
37.5°	1098.6	1107.7	1126.1	1146.7	1155.8
40°	1071.1	1075.7	1094.0	1110.0	1119.2
42.5°	1036.8	1039.1	1052.8	1071.1	1078.0
45°	995.6	1000.2	1007.0	1023.1	1032.2
47.5°	959.0	956.7	961.3	977.3	984.2
50°	915.5	908.6	913.2	924.6	936.1
52.5°	867.4	858.3	860.6	869.7	878.9
55°	814.8	805.6	803.3	814.8	826.2
57.5°	764.4	753.0	746.1	759.9	769.0
60°	707.2	693.5	688.9	704.9	714.1
62.5°	650.0	634.0	627.1	645.4	659.2
65°	585.9	569.9	567.6	588.2	601.9
67.5°	526.4	510.4	503.5	521.8	540.1
70°	462.3	441.7	437.1	462.3	478.3
72.5°	395.9	377.6	373.1	400.5	414.3
75°	325.0	311.3	309.0	331.9	345.6
77.5°	263.2	242.6	242.6	265.5	274.6
80°	194.5	180.8	176.2	194.5	203.7
82.5°	132.7	123.6	119.0	125.9	137.3
85°	82.4	73.2	66.4	68.7	71.0
87.5°	36.6	29.8	22.9	18.3	20.6
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)