

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: P189102

Luminaire Tested: **DRI-WS-3L30-UNV-14-T1-STD**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P189102  
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-3L30-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**

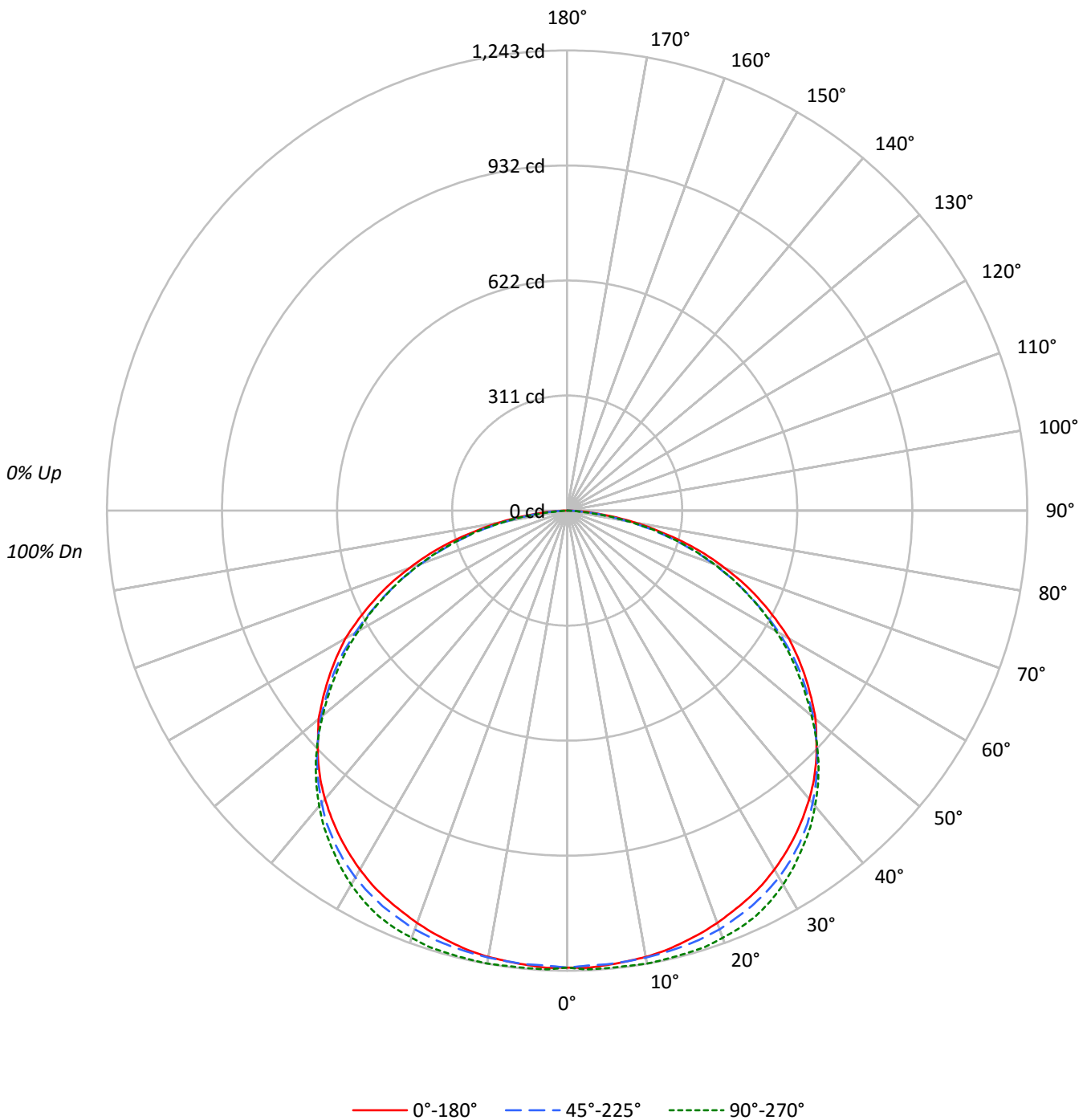
Lumens per Lamp: N/A  
Luminaire Lumens: 4055.9 lumens  
Efficiency: N/A  
Efficacy: 120.7 lumens/watt  
Spacing Criteria (0/90/45): 1.35 / 1.39 / 1.48  
Luminous Opening: Rectangular (W 0.96' x L: 3.83' x H: 0')  
CIE Type: Direct

Input Watts (W): 33.6  
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°	3617	3617	3617
5°	3625	3619	3649
10°	3642	3648	3697
15°	3664	3695	3757
20°	3696	3753	3830
25°	3739	3812	3905
30°	3788	3872	3948
35°	3837	3917	3969
40°	3891	3946	3985
45°	3944	3961	3978
50°	3994	3956	3928
55°	4016	3942	3880
60°	4055	3875	3815
65°	4002	3761	3747
70°	3876	3595	3630
75°	3639	3314	3360
80°	3144	2764	2798
85°	2340	1926	1308



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	117.7	2.9
10°-20°	345.7	8.5
20°-30°	544.9	13.4
30°-40°	684.7	16.9
40°-50°	737.6	18.2
50°-60°	690.3	17.0
60°-70°	545.9	13.5
70°-80°	317.4	7.8
80°-90°	71.7	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°	1008.3	24.9
0°-40°	1693.0	41.7
0°-60°	3120.9	76.9
0°-90°	4055.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	4055.9	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	1234	1234	1234	1234	1234	
5°	1232	1234	1230	1238	1240	117
15°	1208	1212	1218	1232	1238	342
25°	1157	1165	1179	1200	1208	534
35°	1073	1083	1095	1108	1110	672
45°	952	956	956	958	960	734
55°	786	786	772	764	760	703
65°	577	567	542	542	540	570
75°	321	307	293	297	297	337
85°	70	64	57	47	39	86
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	1234.4	1234.4	1234.4	1234.4	1234.4
2.5°	1236.4	1234.4	1230.3	1238.5	1240.5
5°	1232.3	1234.4	1230.3	1238.5	1240.5
7.5°	1228.2	1230.3	1228.2	1238.5	1240.5
10°	1224.1	1226.2	1226.2	1238.5	1242.6
12.5°	1218.0	1220.0	1222.1	1236.4	1240.5
15°	1207.8	1211.9	1218.0	1232.3	1238.5
17.5°	1197.5	1203.7	1211.9	1230.3	1236.4
20°	1185.2	1191.4	1203.7	1222.1	1228.2
22.5°	1170.9	1179.1	1191.4	1211.9	1220.0
25°	1156.6	1164.8	1179.1	1199.6	1207.8
27.5°	1140.2	1148.4	1162.7	1183.2	1189.3
30°	1119.7	1130.0	1144.3	1162.7	1166.8
32.5°	1097.2	1107.5	1121.8	1136.1	1140.2
35°	1072.7	1082.9	1095.2	1107.5	1109.5
37.5°	1046.0	1056.3	1066.5	1074.7	1078.8
40°	1017.4	1025.6	1031.7	1039.9	1041.9
42.5°	986.7	992.8	994.9	1003.1	1003.1
45°	951.9	956.0	956.0	958.0	960.1
47.5°	913.0	919.1	913.0	915.0	913.0
50°	876.1	876.1	867.9	865.9	861.8
52.5°	831.1	831.1	818.8	814.7	810.6
55°	786.1	786.1	771.7	763.5	759.5
57.5°	739.0	734.9	718.5	710.3	708.3
60°	691.9	681.7	661.2	655.1	651.0
62.5°	634.6	626.4	601.8	599.8	599.8
65°	577.3	567.0	542.5	542.5	540.4
67.5°	517.9	505.6	483.1	483.1	483.1
70°	452.4	440.1	419.6	421.7	423.7
72.5°	388.9	374.6	356.2	358.2	360.3
75°	321.4	307.1	292.7	296.8	296.8
77.5°	249.7	241.6	229.3	231.3	235.4
80°	186.3	176.0	163.8	167.9	165.8
82.5°	122.8	112.6	106.4	104.4	104.4
85°	69.6	63.5	57.3	47.1	38.9
87.5°	30.7	22.5	8.2	6.1	4.1
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)