

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: P189092

Luminaire Tested: **DRI-WD-3L30-UNV-24-T1-STD**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P189092  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P34839)  
Test Lab: INNOVATION CENTER-P3  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: CORELITE  
Catalog Number: DRI-WD-3L30-UNV-24-T1-STD  
Description: DIVIDE RECESSED 2x4 LED LUMINAIRE, WaveStream DIFFUSE OPTIC  
Light Source: (308) 3000K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 4959.7 lumens  
Efficiency: N/A  
Efficacy: 123.1 lumens/watt  
Spacing Criteria (0/90/45): 1.29 / 1.29 / 1.42  
Luminous Opening: Rectangular (W 1.79' x L: 3.83' x H: 0')  
CIE Type: Direct

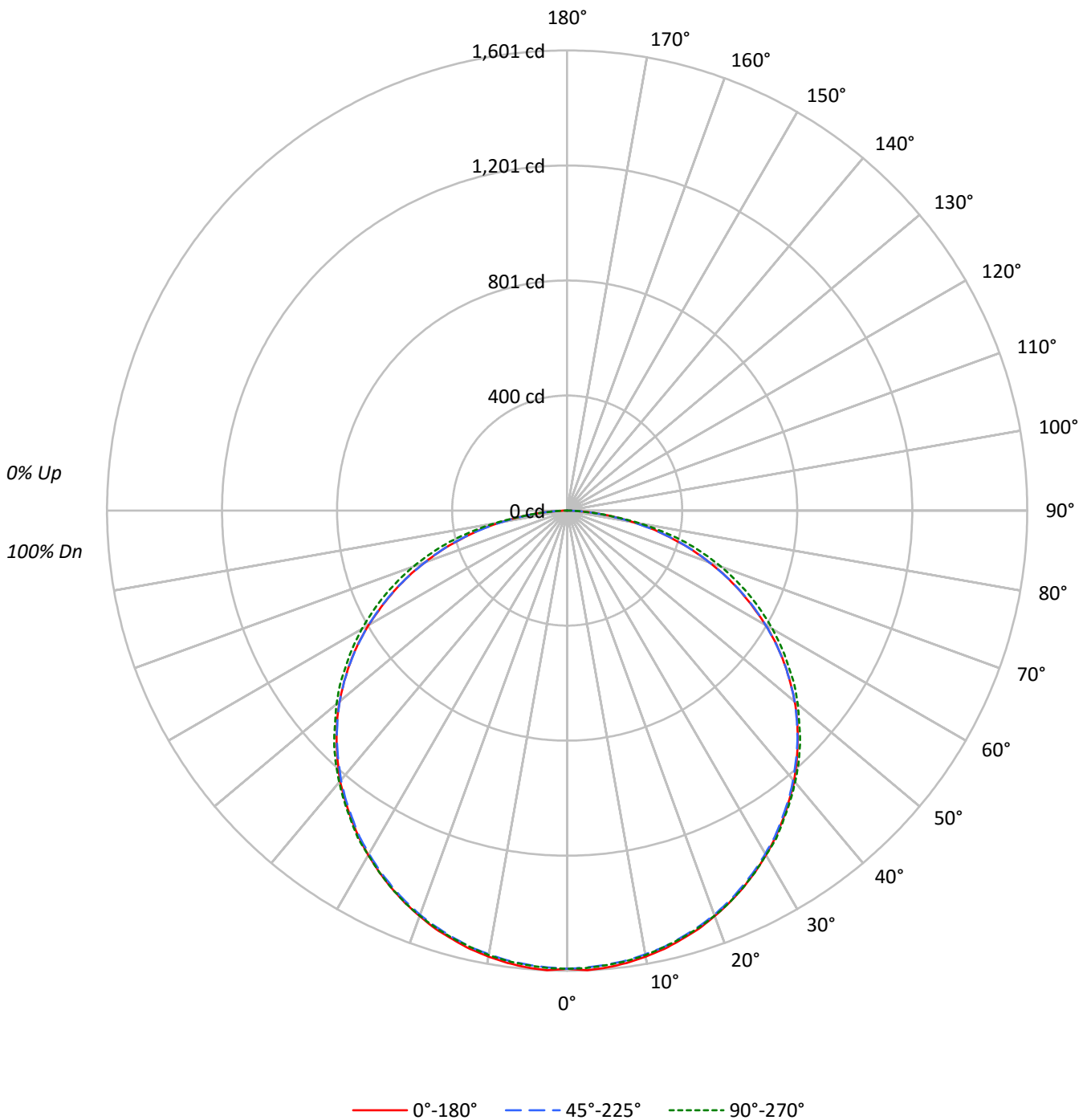
Input Watts (W): 40.3  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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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	105	101	97	93	97	93	90	93	90	87	89	87	85	83
2	98	89	82	76	95	87	81	75	84	78	73	80	76	72	77	74	70	68
3	89	78	69	63	86	76	68	62	73	67	61	71	65	60	68	63	59	57
4	81	69	60	53	79	67	59	52	65	57	52	62	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	50	44	38	49	43	38	36
7	64	50	41	34	62	49	40	34	47	40	34	46	39	34	44	38	33	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	30	25	36	29	25	35	29	24	23

**AVERAGE LUMINANCE (cd/sqm):**

	0°	45°	90°
0°	2498	2498	2498
5°	2511	2495	2497
10°	2507	2494	2499
15°	2505	2494	2499
20°	2504	2496	2502
25°	2503	2495	2503
30°	2504	2495	2504
35°	2506	2496	2512
40°	2514	2504	2524
45°	2515	2511	2541
50°	2520	2520	2553
55°	2516	2516	2567
60°	2501	2501	2585
65°	2466	2472	2603
70°	2414	2407	2607
75°	2314	2324	2579
80°	2127	2081	2325
85°	1635	1545	1573



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	150.9	3.0
10°-20°	434.5	8.8
20°-30°	666.0	13.4
30°-40°	819.0	16.5
40°-50°	876.3	17.7
50°-60°	826.5	16.7
60°-70°	666.9	13.4
70°-80°	413.2	8.3
80°-90°	106.5	2.1
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°	1251.4	25.2
0°-40°	2070.3	41.7
0°-60°	3773.1	76.1
0°-90°	4959.7	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	4959.7	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	1594	1594	1594	1594	1594	
5°	1596	1589	1586	1584	1587	152
15°	1544	1539	1537	1535	1540	436
25°	1448	1443	1443	1443	1448	668
35°	1310	1306	1305	1308	1313	820
45°	1135	1131	1133	1141	1146	876
55°	921	916	921	931	939	823
65°	665	663	667	687	702	657
75°	382	380	384	409	426	404
85°	91	88	86	81	88	111
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	1594.1	1594.1	1594.1	1594.1	1594.1
2.5°	1600.9	1592.4	1590.8	1589.1	1592.4
5°	1595.8	1589.1	1585.7	1584.0	1587.4
7.5°	1587.4	1580.7	1579.0	1575.6	1580.7
10°	1575.6	1568.9	1567.2	1565.5	1570.6
12.5°	1562.1	1555.4	1555.4	1552.0	1555.4
15°	1543.6	1538.6	1536.9	1535.2	1540.3
17.5°	1525.1	1518.4	1518.4	1516.7	1521.7
20°	1501.5	1496.5	1496.5	1494.8	1499.9
22.5°	1476.3	1469.6	1471.2	1471.2	1476.3
25°	1447.7	1442.6	1442.6	1442.6	1447.7
27.5°	1417.4	1412.3	1412.3	1414.0	1417.4
30°	1383.7	1378.7	1378.7	1380.3	1383.7
32.5°	1348.4	1345.0	1345.0	1346.7	1353.4
35°	1309.6	1306.3	1304.6	1308.0	1313.0
37.5°	1269.2	1265.9	1265.9	1270.9	1274.3
40°	1228.8	1223.8	1223.8	1228.8	1233.9
42.5°	1181.7	1178.3	1178.3	1183.4	1191.8
45°	1134.6	1131.2	1132.9	1141.3	1146.4
47.5°	1085.8	1080.7	1084.1	1090.8	1095.9
50°	1033.6	1030.2	1033.6	1040.3	1047.0
52.5°	978.0	978.0	978.0	988.1	996.5
55°	920.8	915.7	920.8	930.9	939.3
57.5°	861.9	856.8	860.2	875.3	883.8
60°	797.9	792.9	797.9	814.7	824.8
62.5°	730.6	730.6	733.9	750.8	764.2
65°	664.9	663.2	666.6	686.8	702.0
67.5°	597.6	595.9	597.6	621.2	636.3
70°	526.9	523.5	525.2	552.1	569.0
72.5°	456.2	451.1	457.9	481.4	498.3
75°	382.1	380.4	383.8	409.1	425.9
77.5°	311.4	306.4	308.1	329.9	343.4
80°	235.7	228.9	230.6	244.1	257.6
82.5°	163.3	154.9	156.6	161.6	168.3
85°	90.9	87.5	85.9	80.8	87.5
87.5°	35.4	30.3	25.3	23.6	25.3
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)