

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: P189080

Luminaire Tested: **DRI-WD-3L30-UNV-22-T1-STD**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P189080  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P34824)  
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-22-T1-STD  
Description: DIVIDE RECESSED 2x2 LED LUMINAIRE, WaveStream DIFFUSE OPTIC  
Light Source: (168) 3000K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

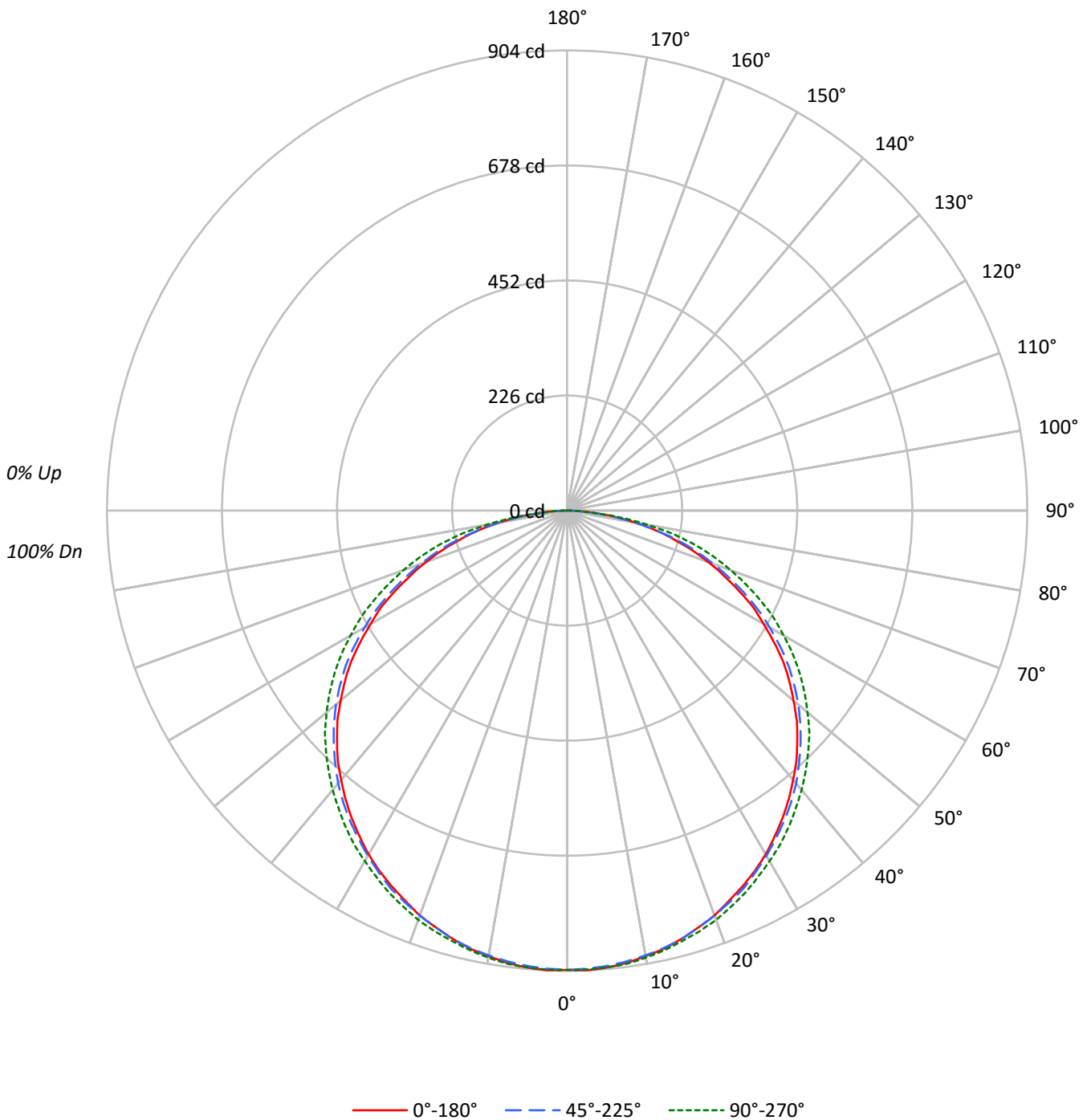
Lumens per Lamp: N/A  
Luminaire Lumens: 2848.4 lumens  
Efficiency: N/A  
Efficacy: 116.7 lumens/watt  
Spacing Criteria (0/90/45): 1.28 / 1.31 / 1.43  
Luminous Opening: Rectangular (W 1.79' x L: 1.79' x H: 0')  
CIE Type: Direct

Input Watts (W): 24.4  
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	94	105	101	97	93	96	93	90		93	90	87		89	87	85	82
2	98	89	82	76	95	87	81	75	84	78	73		80	76	71		77	73	70	68
3	89	78	69	62	86	76	68	62	73	66	61		70	64	60		68	63	59	56
4	81	69	59	52	79	67	59	52	65	57	51		62	56	51		60	54	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	42	38	35
7	63	50	40	34	62	49	40	34	47	39	34		46	39	33		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	38	30	25	37	29	24		36	29	24		35	29	24	22

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

	0°	45°	90°
0°	3026	3026	3026
5°	3032	3022	3032
10°	3026	3021	3037
15°	3023	3023	3038
20°	3021	3021	3053
25°	3015	3031	3065
30°	3020	3032	3079
35°	3020	3044	3106
40°	3024	3064	3136
45°	3032	3075	3176
50°	3028	3091	3217
55°	3031	3102	3261
60°	2990	3082	3295
65°	2951	3047	3334
70°	2890	2993	3349
75°	2801	2898	3368
80°	2597	2626	3093
85°	2151	1920	2151



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	85.5	3.0
10°-20°	246.2	8.6
20°-30°	378.1	13.3
30°-40°	467.1	16.4
40°-50°	502.7	17.6
50°-60°	476.6	16.7
60°-70°	385.8	13.5
70°-80°	242.1	8.5
80°-90°	64.3	2.3
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°	709.8	24.9
0°-40°	1176.9	41.3
0°-60°	2156.2	75.7
0°-90°	2848.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2848.4	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	902	902	902	902	902	
5°	901	899	898	899	901	86
15°	871	869	871	874	875	246
25°	815	816	819	824	828	376
35°	738	739	744	753	759	462
45°	639	641	648	662	670	493
55°	518	520	531	547	558	462
65°	372	375	384	405	420	368
75°	216	216	224	245	260	228
85°	56	51	50	54	56	65
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	902.4	902.4	902.4	902.4	902.4
2.5°	904.0	900.9	900.9	902.4	902.4
5°	900.9	899.4	897.9	899.4	900.9
7.5°	896.4	893.4	893.4	894.9	897.9
10°	888.8	887.3	887.3	890.4	891.9
12.5°	881.3	879.8	879.8	882.8	884.3
15°	870.7	869.2	870.7	873.7	875.2
17.5°	858.6	858.6	858.6	863.1	866.2
20°	846.5	845.0	846.5	851.0	855.6
22.5°	829.9	831.4	832.9	839.0	842.0
25°	814.8	816.3	819.3	823.8	828.4
27.5°	798.1	798.1	801.2	808.7	811.7
30°	780.0	780.0	783.0	790.6	795.1
32.5°	758.8	760.4	763.4	774.0	778.5
35°	737.7	739.2	743.7	752.8	758.8
37.5°	715.0	716.5	722.6	731.6	737.7
40°	690.8	693.8	699.9	710.5	716.5
42.5°	666.6	668.1	674.2	686.3	693.8
45°	639.4	640.9	648.5	662.1	669.7
47.5°	612.2	612.2	621.3	636.4	645.5
50°	580.5	583.5	592.6	607.7	616.7
52.5°	550.2	553.3	562.3	579.0	588.0
55°	518.5	520.0	530.6	547.2	557.8
57.5°	482.2	485.2	495.8	515.5	526.0
60°	445.9	450.5	459.5	479.2	491.3
62.5°	412.7	414.2	423.3	444.4	458.0
65°	371.9	374.9	384.0	405.1	420.2
67.5°	332.6	334.1	344.7	367.3	380.9
70°	294.8	297.8	305.3	329.5	341.6
72.5°	255.5	255.5	266.0	290.2	302.3
75°	216.2	216.2	223.7	244.9	260.0
77.5°	176.9	175.3	178.4	201.0	213.1
80°	134.5	131.5	136.0	149.7	160.2
82.5°	92.2	90.7	90.7	99.8	107.3
85°	55.9	51.4	49.9	54.4	55.9
87.5°	22.7	19.7	16.6	15.1	16.6
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)