

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: P189074

Luminaire Tested: **DRI-WD-2L35-UNV-14-T1-STD**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P189074
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P34833)
Test Lab: INNOVATION CENTER-P3
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: CORELITE
Catalog Number: DRI-WD-2L35-UNV-14-T1-STD
Description: DIVIDE RECESSED 1x4 LED LUMINAIRE, WaveStream DIFFUSE OPTIC
Light Source: (308) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3347.3 lumens
Efficiency: N/A
Efficacy: 137.7 lumens/watt
Spacing Criteria (0/90/45): 1.3 / 1.36 / 1.46
Luminous Opening: Rectangular (W 0.96' x L: 3.83' x H: 0')
CIE Type: Direct

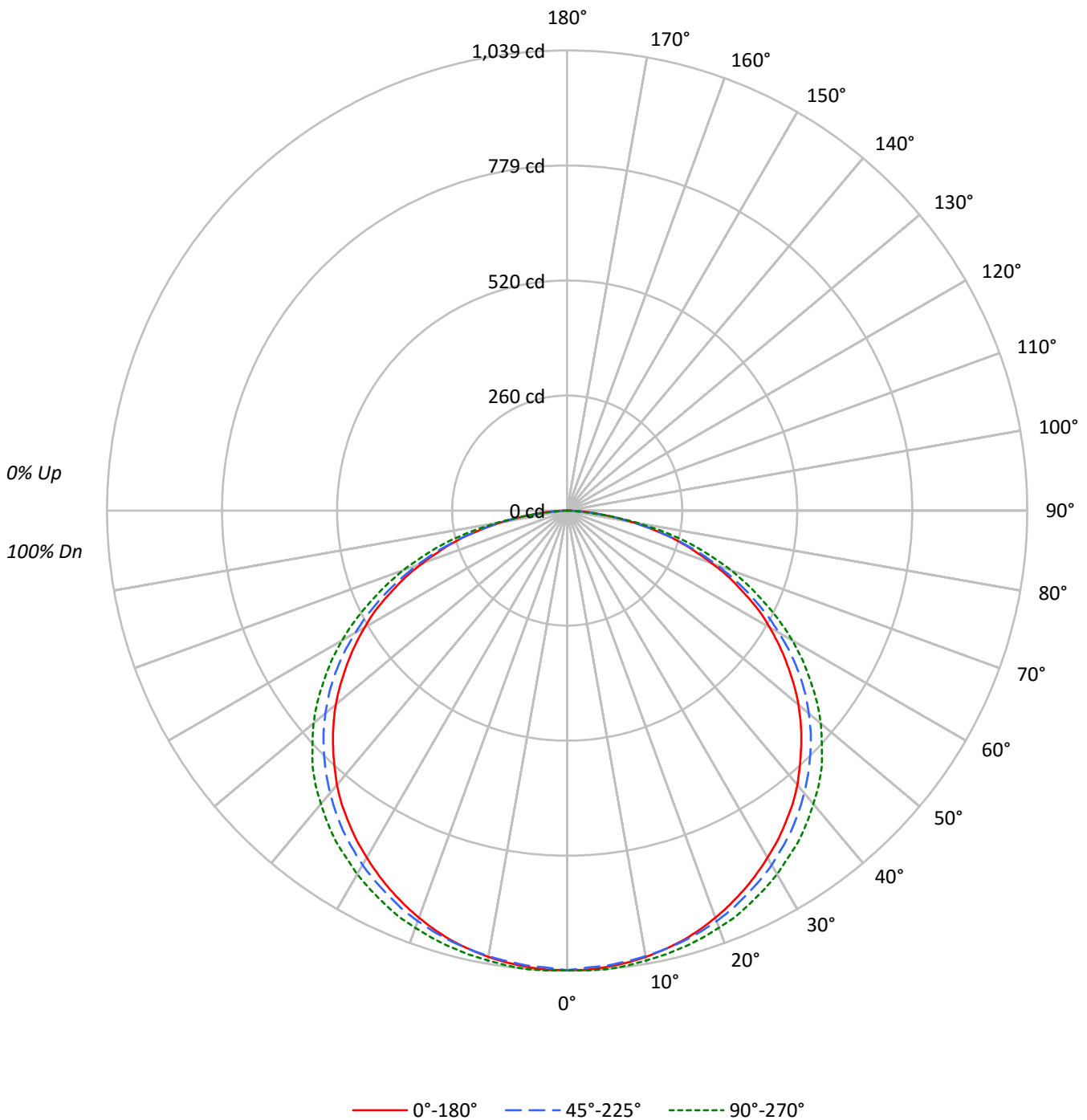
Input Watts (W): 24.3
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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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	106	101	97	93	97	93	90		93	90	87		89	87	85	83
2	98	89	82	76	95	87	81	75	84	78	74		81	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	51		62	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	42	38	36
7	63	50	40	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	39	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°	3041	3041	3041
5°	3043	3033	3057
10°	3045	3040	3068
15°	3050	3055	3094
20°	3051	3076	3126
25°	3055	3096	3163
30°	3061	3126	3207
35°	3076	3156	3259
40°	3093	3185	3307
45°	3099	3218	3371
50°	3110	3248	3409
55°	3100	3264	3428
60°	3096	3238	3444
65°	3053	3186	3408
70°	2977	3087	3375
75°	2864	2900	3245
80°	2485	2485	2728
85°	1829	1560	1076



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	98.5	2.9
10°-20°	285.6	8.5
20°-30°	443.3	13.2
30°-40°	553.3	16.5
40°-50°	600.9	18.0
50°-60°	570.9	17.1
60°-70°	458.1	13.7
70°-80°	275.4	8.2
80°-90°	61.5	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°	827.3	24.7
0°-40°	1380.6	41.2
0°-60°	2552.3	76.3
0°-90°	3347.3	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	3347.3	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1038	1038	1038	1038	1038	
5°	1034	1034	1031	1036	1039	98
15°	1006	1006	1007	1017	1020	284
25°	945	950	958	974	978	436
35°	860	866	882	902	911	539
45°	748	757	777	802	814	577
55°	607	618	639	661	671	543
65°	440	447	460	482	492	437
75°	253	253	256	275	287	263
85°	54	51	46	38	32	67
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1037.7	1037.7	1037.7	1037.7	1037.7
2.5°	1037.7	1037.7	1032.9	1039.3	1039.3
5°	1034.5	1034.5	1031.3	1036.1	1039.3
7.5°	1029.7	1029.7	1026.5	1032.9	1036.1
10°	1023.3	1023.3	1021.7	1028.1	1031.3
12.5°	1015.2	1016.8	1015.2	1023.3	1026.5
15°	1005.6	1005.6	1007.2	1016.8	1020.0
17.5°	992.8	994.4	997.6	1007.2	1012.0
20°	978.4	981.6	986.4	997.6	1002.4
22.5°	962.4	967.2	973.6	986.4	992.8
25°	944.8	949.6	957.6	973.6	978.4
27.5°	925.6	932.0	941.6	957.6	964.0
30°	904.8	911.2	924.0	940.0	948.0
32.5°	883.9	890.3	903.2	920.8	928.8
35°	859.9	866.3	882.3	901.6	911.2
37.5°	835.9	842.3	858.3	879.1	888.7
40°	808.7	816.7	832.7	855.1	864.7
42.5°	778.2	786.3	805.5	831.1	840.7
45°	747.8	757.4	776.6	802.3	813.5
47.5°	715.8	725.4	746.2	771.8	779.8
50°	682.2	691.8	712.6	738.2	747.8
52.5°	645.3	658.1	677.4	701.4	711.0
55°	606.9	618.1	638.9	661.4	671.0
57.5°	568.5	578.1	597.3	619.7	630.9
60°	528.4	534.8	552.5	574.9	587.7
62.5°	488.4	493.2	507.6	528.4	541.3
65°	440.4	446.8	459.6	482.0	491.6
67.5°	397.1	400.3	409.9	432.4	443.6
70°	347.5	352.3	360.3	379.5	393.9
72.5°	299.4	302.7	309.1	326.7	339.5
75°	253.0	253.0	256.2	275.4	286.6
77.5°	198.6	200.2	201.8	217.8	225.8
80°	147.3	147.3	147.3	153.7	161.7
82.5°	97.7	96.1	94.5	96.1	99.3
85°	54.4	51.2	46.4	38.4	32.0
87.5°	19.2	16.0	6.4	4.8	4.8
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)