

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: P189069

Luminaire Tested: **DRI-WD-2L30-UNV-14-T1-STD**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P189069
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-2L30-UNV-14-T1-STD
Description: DIVIDE RECESSED 1x4 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: 3164.6 lumens
Efficiency: N/A
Efficacy: 130.2 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

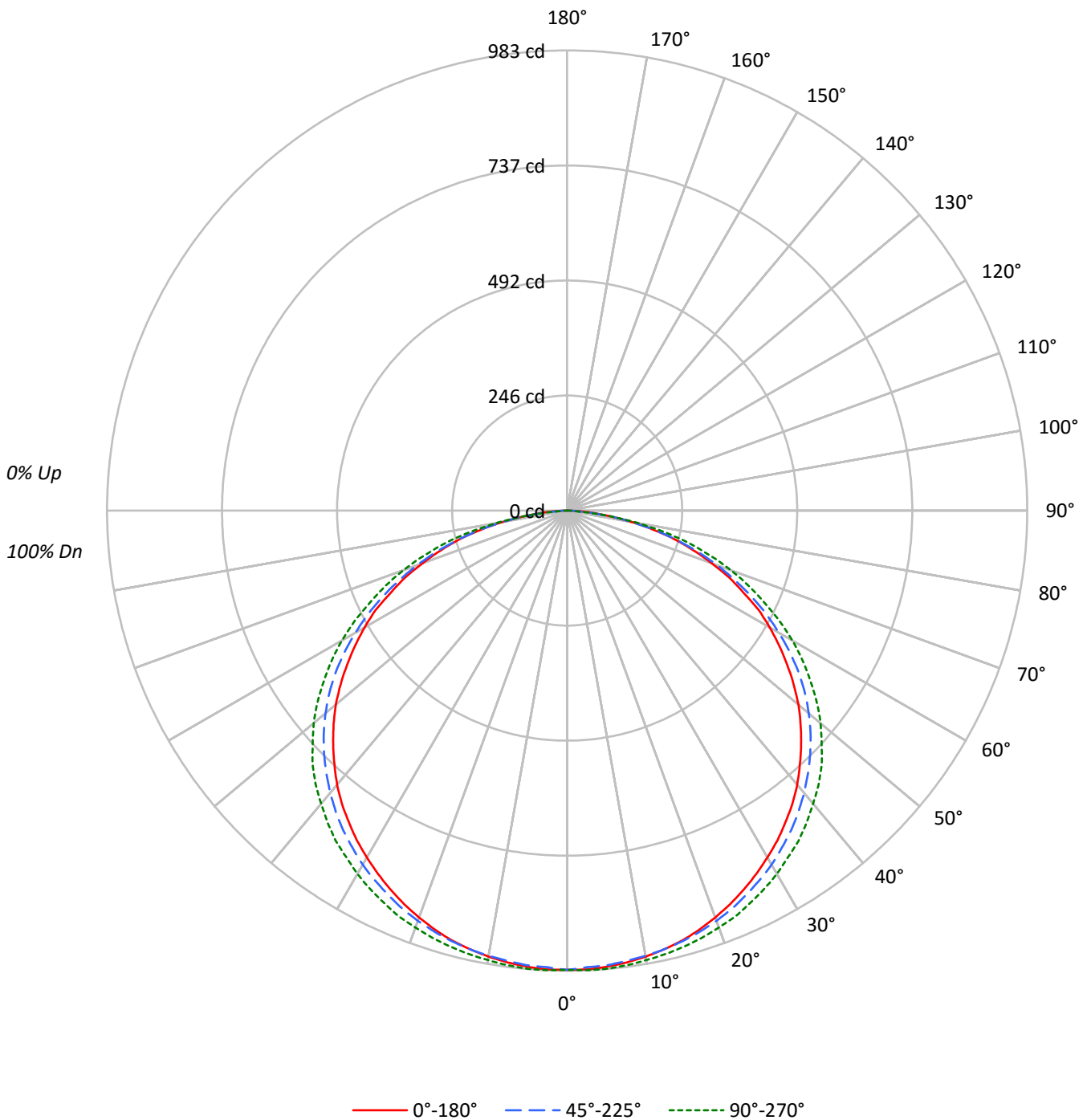
Input Watts (W): 24.3
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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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°	2875	2875	2875
5°	2877	2868	2890
10°	2878	2874	2901
15°	2884	2889	2925
20°	2884	2908	2955
25°	2888	2927	2990
30°	2894	2956	3032
35°	2908	2984	3082
40°	2925	3011	3127
45°	2930	3043	3187
50°	2940	3071	3223
55°	2931	3086	3241
60°	2928	3061	3256
65°	2886	3012	3223
70°	2814	2918	3190
75°	2708	2742	3068
80°	2350	2350	2580
85°	1731	1476	1019



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	93.1	2.9
10°-20°	270.0	8.5
20°-30°	419.1	13.2
30°-40°	523.1	16.5
40°-50°	568.1	18.0
50°-60°	539.8	17.1
60°-70°	433.1	13.7
70°-80°	260.3	8.2
80°-90°	58.1	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°	782.2	24.7
0°-40°	1305.3	41.2
0°-60°	2413.1	76.3
0°-90°	3164.6	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	3164.6	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	981	981	981	981	981	
5°	978	978	975	980	983	93
15°	951	951	952	961	964	268
25°	893	898	905	920	925	412
35°	813	819	834	852	862	509
45°	707	716	734	758	769	546
55°	574	584	604	625	634	513
65°	416	422	434	456	465	413
75°	239	239	242	260	271	249
85°	52	48	44	36	30	63
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	981.1	981.1	981.1	981.1	981.1
2.5°	981.1	981.1	976.5	982.6	982.6
5°	978.0	978.0	975.0	979.5	982.6
7.5°	973.5	973.5	970.5	976.5	979.5
10°	967.4	967.4	965.9	972.0	975.0
12.5°	959.9	961.4	959.9	967.4	970.5
15°	950.8	950.8	952.3	961.4	964.4
17.5°	938.7	940.2	943.2	952.3	956.8
20°	925.0	928.1	932.6	943.2	947.8
22.5°	909.9	914.4	920.5	932.6	938.7
25°	893.2	897.8	905.4	920.5	925.0
27.5°	875.1	881.1	890.2	905.4	911.4
30°	855.4	861.5	873.6	888.7	896.3
32.5°	835.7	841.8	853.9	870.5	878.1
35°	813.0	819.1	834.2	852.4	861.5
37.5°	790.3	796.4	811.5	831.2	840.3
40°	764.6	772.1	787.3	808.5	817.5
42.5°	735.8	743.4	761.5	785.8	794.8
45°	707.0	716.1	734.3	758.5	769.1
47.5°	676.7	685.8	705.5	729.7	737.3
50°	645.0	654.0	673.7	697.9	707.0
52.5°	610.1	622.2	640.4	663.1	672.2
55°	573.8	584.4	604.1	625.3	634.4
57.5°	537.5	546.5	564.7	585.9	596.5
60°	499.6	505.7	522.3	543.5	555.6
62.5°	461.8	466.3	479.9	499.6	511.7
65°	416.3	422.4	434.5	455.7	464.8
67.5°	375.5	378.5	387.6	408.8	419.4
70°	328.5	333.1	340.6	358.8	372.4
72.5°	283.1	286.1	292.2	308.9	321.0
75°	239.2	239.2	242.2	260.4	271.0
77.5°	187.7	189.2	190.8	205.9	213.5
80°	139.3	139.3	139.3	145.3	152.9
82.5°	92.4	90.8	89.3	90.8	93.9
85°	51.5	48.4	43.9	36.3	30.3
87.5°	18.2	15.1	6.1	4.5	4.5
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)