

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: P189073

Luminaire Tested: **DRI-WD-1L35-UNV-14-T1-STD**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P189073
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-1L35-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: 2210.9 lumens
Efficiency: N/A
Efficacy: 137.3 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

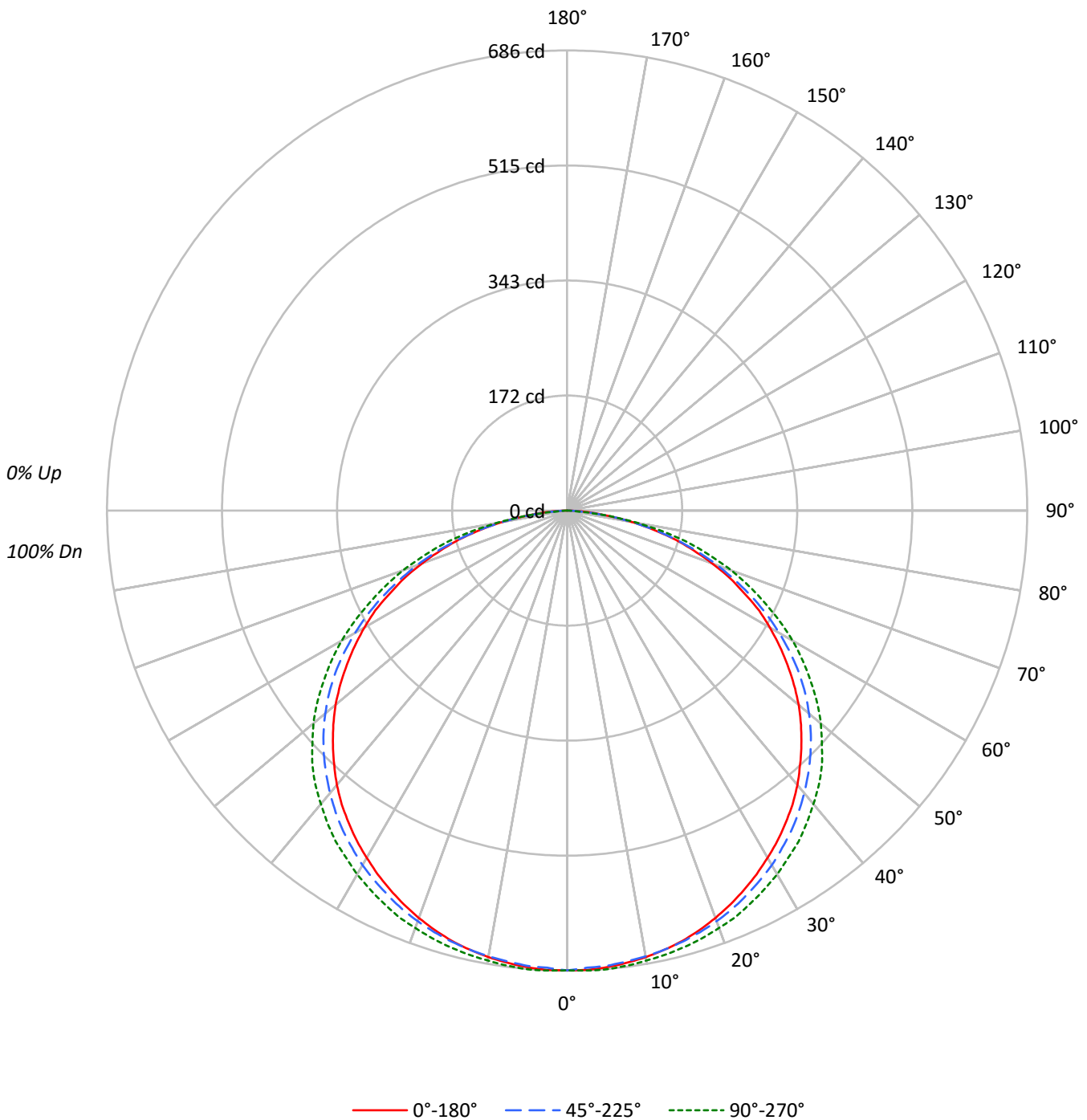
Input Watts (W): 16.1
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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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°	2008	2008	2008
5°	2010	2004	2019
10°	2011	2008	2027
15°	2015	2018	2044
20°	2015	2031	2065
25°	2017	2045	2089
30°	2022	2065	2119
35°	2032	2085	2153
40°	2043	2104	2185
45°	2047	2126	2226
50°	2054	2146	2251
55°	2048	2156	2264
60°	2045	2138	2275
65°	2017	2105	2251
70°	1966	2039	2229
75°	1892	1915	2143
80°	1642	1642	1802
85°	1210	1032	713



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	65.0	2.9
10°-20°	188.6	8.5
20°-30°	292.8	13.2
30°-40°	365.4	16.5
40°-50°	396.9	18.0
50°-60°	377.1	17.1
60°-70°	302.6	13.7
70°-80°	181.9	8.2
80°-90°	40.6	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°	546.4	24.7
0°-40°	911.9	41.2
0°-60°	1685.8	76.3
0°-90°	2210.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2210.9	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	685	685	685	685	685	
5°	683	683	681	684	686	65
15°	664	664	665	672	674	187
25°	624	627	632	643	646	288
35°	568	572	583	596	602	356
45°	494	500	513	530	537	381
55°	401	408	422	437	443	359
65°	291	295	304	318	325	288
75°	167	167	169	182	189	174
85°	36	34	31	25	21	44
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	685.4	685.4	685.4	685.4	685.4
2.5°	685.4	685.4	682.2	686.4	686.4
5°	683.3	683.3	681.2	684.3	686.4
7.5°	680.1	680.1	678.0	682.2	684.3
10°	675.9	675.9	674.8	679.0	681.2
12.5°	670.6	671.6	670.6	675.9	678.0
15°	664.2	664.2	665.3	671.6	673.8
17.5°	655.8	656.8	658.9	665.3	668.5
20°	646.3	648.4	651.5	658.9	662.1
22.5°	635.7	638.9	643.1	651.5	655.8
25°	624.0	627.2	632.5	643.1	646.3
27.5°	611.4	615.6	621.9	632.5	636.7
30°	597.6	601.8	610.3	620.9	626.2
32.5°	583.8	588.1	596.5	608.2	613.5
35°	568.0	572.2	582.8	595.5	601.8
37.5°	552.1	556.3	566.9	580.7	587.0
40°	534.1	539.4	550.0	564.8	571.2
42.5°	514.0	519.3	532.0	548.9	555.3
45°	493.9	500.3	513.0	529.9	537.3
47.5°	472.8	479.1	492.9	509.8	515.1
50°	450.6	456.9	470.7	487.6	493.9
52.5°	426.3	434.7	447.4	463.3	469.6
55°	400.9	408.3	422.0	436.8	443.2
57.5°	375.5	381.8	394.5	409.3	416.7
60°	349.0	353.3	364.9	379.7	388.2
62.5°	322.6	325.8	335.3	349.0	357.5
65°	290.9	295.1	303.6	318.4	324.7
67.5°	262.3	264.4	270.8	285.6	293.0
70°	229.5	232.7	238.0	250.7	260.2
72.5°	197.8	199.9	204.1	215.8	224.2
75°	167.1	167.1	169.2	181.9	189.3
77.5°	131.2	132.2	133.3	143.8	149.1
80°	97.3	97.3	97.3	101.5	106.8
82.5°	64.5	63.5	62.4	63.5	65.6
85°	36.0	33.8	30.7	25.4	21.2
87.5°	12.7	10.6	4.2	3.2	3.2
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)