

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: P189084

Luminaire Tested: **DRI-WD-1L35-UNV-22-T1-STD**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P189084  
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-1L35-UNV-22-T1-STD  
Description: DIVIDE RECESSED 2x2 LED LUMINAIRE, WaveStream DIFFUSE OPTIC  
Light Source: (168) 3500K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1993.1 lumens  
Efficiency: N/A  
Efficacy: 124.6 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

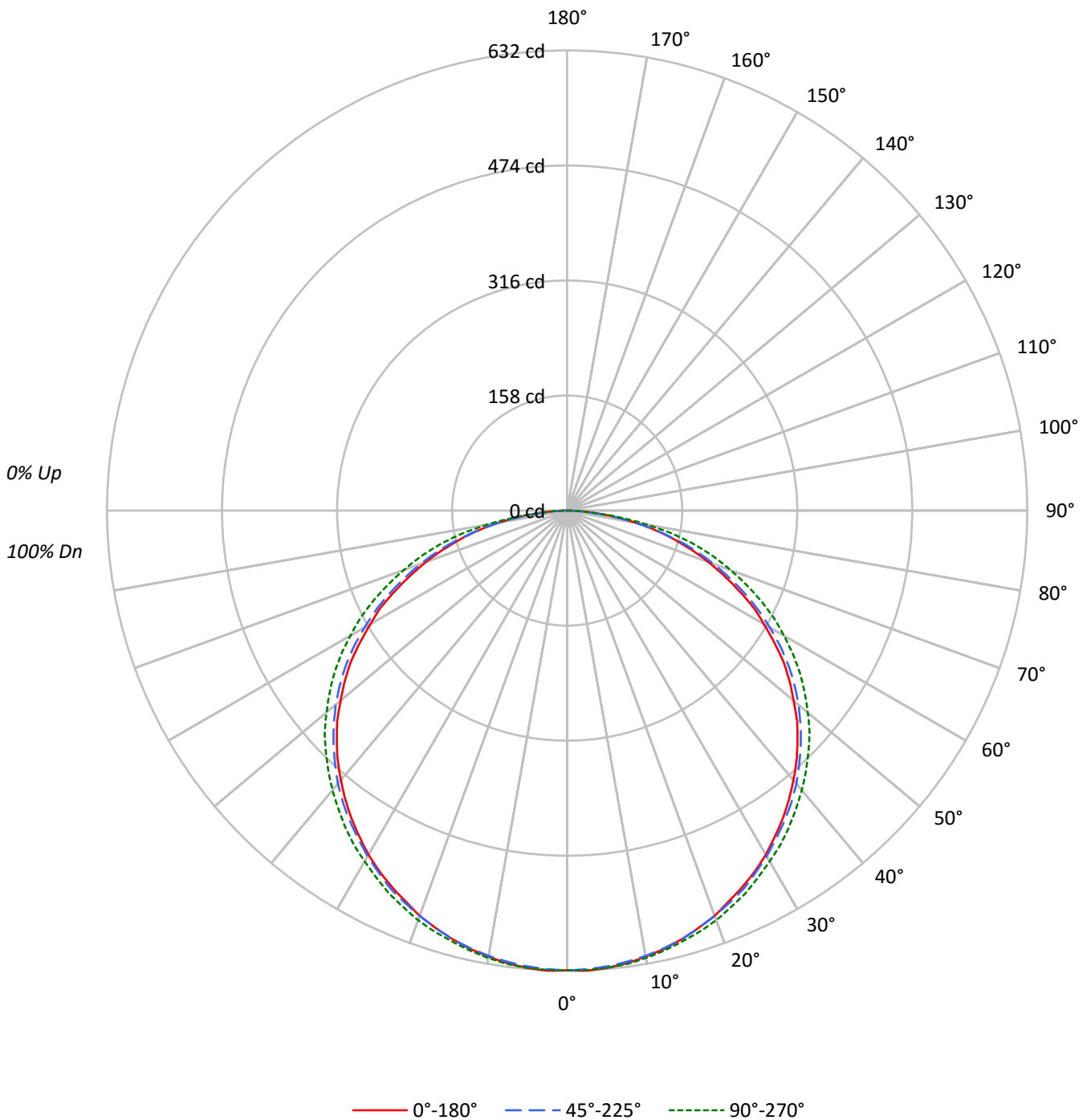
Input Watts (W): 16  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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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°	2117	2117	2117
5°	2122	2115	2122
10°	2118	2114	2125
15°	2115	2115	2126
20°	2114	2114	2136
25°	2109	2121	2144
30°	2113	2121	2154
35°	2113	2130	2174
40°	2116	2144	2194
45°	2122	2152	2222
50°	2119	2163	2251
55°	2121	2171	2282
60°	2092	2156	2306
65°	2064	2132	2333
70°	2023	2095	2343
75°	1960	2028	2357
80°	1817	1838	2165
85°	1504	1343	1504



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	59.8	3.0
10°-20°	172.3	8.6
20°-30°	264.6	13.3
30°-40°	326.8	16.4
40°-50°	351.7	17.6
50°-60°	333.5	16.7
60°-70°	270.0	13.5
70°-80°	169.4	8.5
80°-90°	45.0	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°	496.7	24.9
0°-40°	823.5	41.3
0°-60°	1508.7	75.7
0°-90°	1993.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1993.1	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	631	631	631	631	631	
5°	630	629	628	629	630	60
15°	609	608	609	611	612	172
25°	570	571	573	576	580	263
35°	516	517	520	527	531	323
45°	447	448	454	463	469	345
55°	363	364	371	383	390	323
65°	260	262	269	284	294	258
75°	151	151	156	171	182	159
85°	39	36	35	38	39	45
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	631.4	631.4	631.4	631.4	631.4
2.5°	632.5	630.4	630.4	631.4	631.4
5°	630.4	629.3	628.3	629.3	630.4
7.5°	627.2	625.1	625.1	626.2	628.3
10°	621.9	620.9	620.9	623.0	624.0
12.5°	616.6	615.6	615.6	617.7	618.8
15°	609.2	608.2	609.2	611.3	612.4
17.5°	600.8	600.8	600.8	603.9	606.1
20°	592.3	591.3	592.3	595.5	598.7
22.5°	580.7	581.7	582.8	587.0	589.1
25°	570.1	571.2	573.3	576.4	579.6
27.5°	558.5	558.5	560.6	565.9	568.0
30°	545.8	545.8	547.9	553.2	556.3
32.5°	531.0	532.0	534.1	541.5	544.7
35°	516.2	517.2	520.4	526.7	531.0
37.5°	500.3	501.3	505.6	511.9	516.2
40°	483.4	485.5	489.7	497.1	501.3
42.5°	466.4	467.5	471.7	480.2	485.5
45°	447.4	448.5	453.8	463.3	468.6
47.5°	428.4	428.4	434.7	445.3	451.6
50°	406.2	408.3	414.6	425.2	431.5
52.5°	385.0	387.1	393.5	405.1	411.4
55°	362.8	363.8	371.3	382.9	390.3
57.5°	337.4	339.5	346.9	360.7	368.1
60°	312.0	315.2	321.5	335.3	343.8
62.5°	288.8	289.8	296.2	311.0	320.5
65°	260.2	262.3	268.7	283.5	294.0
67.5°	232.7	233.8	241.2	257.0	266.5
70°	206.3	208.4	213.7	230.6	239.0
72.5°	178.8	178.8	186.2	203.1	211.5
75°	151.3	151.3	156.5	171.3	181.9
77.5°	123.8	122.7	124.8	140.7	149.1
80°	94.1	92.0	95.2	104.7	112.1
82.5°	64.5	63.5	63.5	69.8	75.1
85°	39.1	36.0	34.9	38.1	39.1
87.5°	15.9	13.8	11.6	10.6	11.6
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)