

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: P189116

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

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P189116
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P34832)
Test Lab: INNOVATION CENTER-P3
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: CORELITE
Catalog Number: DRI-WS-1L35-UNV-22-T1-STD
Description: DIVIDE RECESSED 2x2 LED LUMINAIRE, WaveStream SPECULAR OPTIC
Light Source: (168) 3500K CCT, 80 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

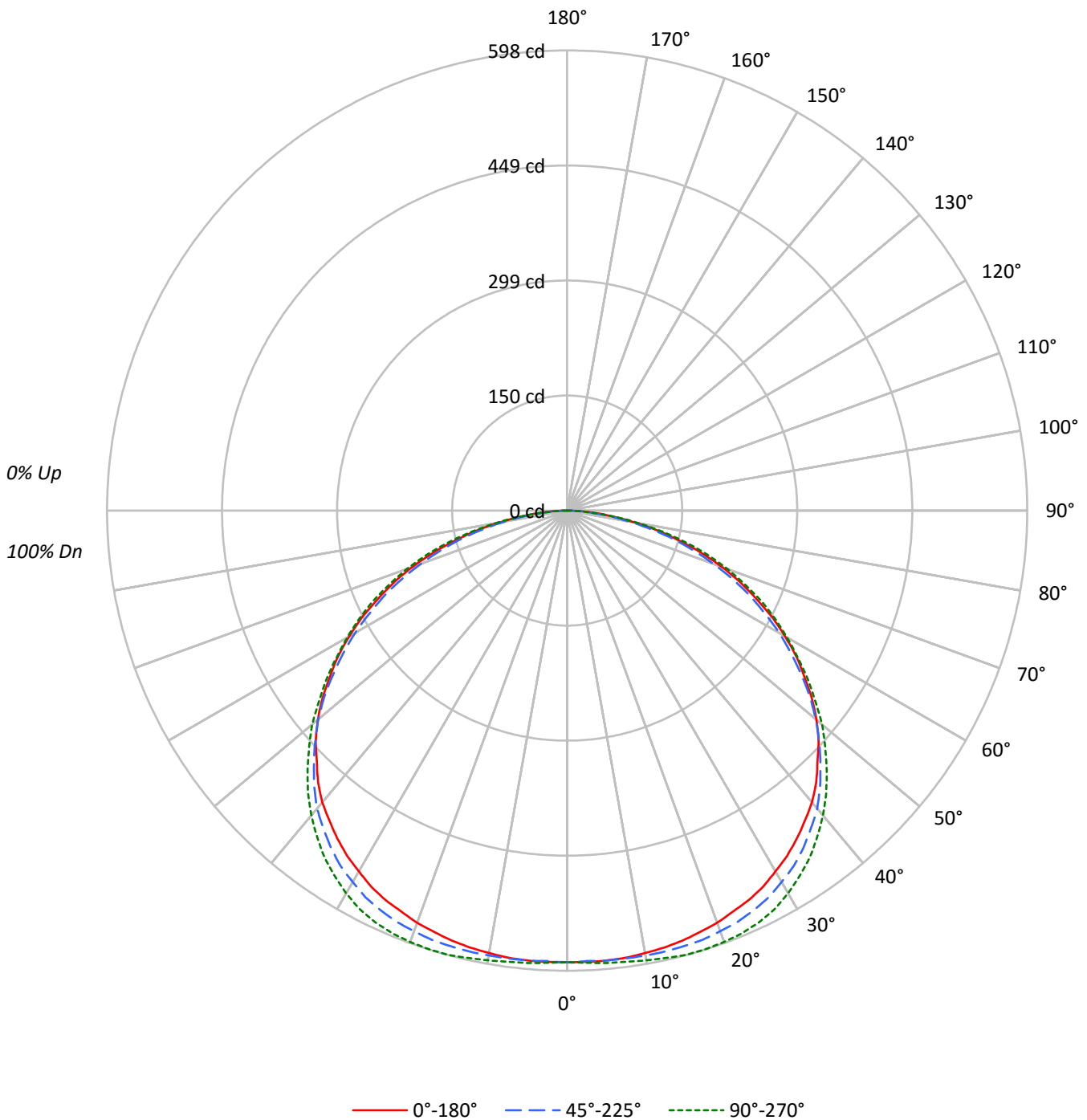
Lumens per Lamp: N/A
Luminaire Lumens: 1978.2 lumens
Efficiency: N/A
Efficacy: 123.6 lumens/watt
Spacing Criteria (0/90/45): 1.37 / 1.43 / 1.5
Luminous Opening: Rectangular (W 1.79' x L: 1.79' x H: 0')
CIE Type: Direct

Input Watts (W): 16
Input Voltage (V): NR
Input Current (A_{in}): 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



TEST NUMBER: P189116
CATALOG NUMBER: DRI-WS-1L35-UNV-22-T1-STD

Luminous Intensity Polar Plot





TEST NUMBER: P189116

CATALOG NUMBER: DRI-WS-1L35-UNV-22-T1-STD

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	88	89	87	85	83
2	98	89	82	76	95	88	81	75	84	78	74	81	76	72	78	74	70	68
3	89	78	70	63	86	76	69	62	73	67	61	71	65	60	68	63	59	57
4	81	69	60	53	79	67	59	52	65	57	52	63	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	43	38	36
7	63	50	41	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	40	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°	1968	1968	1968
5°	1976	1976	1987
10°	1988	1999	2020
15°	2009	2034	2075
20°	2034	2076	2129
25°	2066	2121	2184
30°	2097	2158	2224
35°	2130	2191	2251
40°	2167	2213	2264
45°	2182	2207	2262
50°	2207	2201	2257
55°	2201	2171	2232
60°	2192	2135	2213
65°	2149	2081	2207
70°	2095	1980	2168
75°	1946	1850	2069
80°	1736	1572	1817
85°	1466	1181	1262



TEST NUMBER: P189116

CATALOG NUMBER: DRI-WS-1L35-UNV-22-T1-STD

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	56.1	2.8
10°-20°	166.2	8.4
20°-30°	264.6	13.4
30°-40°	334.7	16.9
40°-50°	360.5	18.2
50°-60°	335.1	16.9
60°-70°	264.6	13.4
70°-80°	156.7	7.9
80°-90°	39.7	2.0
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°	486.8	24.6
0°-40°	821.5	41.5
0°-60°	1517.2	76.7
0°-90°	1978.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1978.2	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	587	587	587	587	587	
5°	587	586	587	589	590	56
15°	579	581	586	594	598	164
25°	558	562	573	585	590	258
35°	520	525	535	546	550	326
45°	460	462	465	473	477	356
55°	376	372	371	376	382	337
65°	271	263	262	272	278	268
75°	150	144	143	153	160	160
85°	38	34	31	32	33	44
90°	0	0	0	0	0	



TEST NUMBER: P189116

CATALOG NUMBER: DRI-WS-1L35-UNV-22-T1-STD

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	587.0	587.0	587.0	587.0	587.0
2.5°	587.0	587.0	586.0	587.0	588.1
5°	587.0	586.0	587.0	589.1	590.2
7.5°	586.0	586.0	587.0	589.1	591.3
10°	583.9	583.9	587.0	591.3	593.4
12.5°	581.7	582.8	587.0	592.3	595.5
15°	578.6	580.7	586.0	594.4	597.6
17.5°	574.3	577.5	584.9	593.4	597.6
20°	570.1	573.3	581.7	592.3	596.5
22.5°	563.8	568.0	578.6	589.1	594.4
25°	558.5	561.6	573.3	584.9	590.2
27.5°	551.1	555.3	566.9	578.6	583.9
30°	541.5	546.8	557.4	569.0	574.3
32.5°	532.0	536.3	547.9	558.5	562.7
35°	520.4	524.6	535.2	545.8	550.0
37.5°	507.7	511.9	520.4	529.9	534.1
40°	495.0	497.1	505.6	513.0	517.2
42.5°	479.1	480.2	486.5	495.0	498.2
45°	460.1	462.2	465.4	472.8	477.0
47.5°	443.2	442.1	444.2	451.6	454.8
50°	423.1	419.9	422.0	427.3	432.6
52.5°	400.9	396.6	397.7	401.9	406.2
55°	376.5	372.3	371.3	376.5	381.8
57.5°	353.3	348.0	344.8	351.2	355.4
60°	326.8	320.5	318.4	325.8	330.0
62.5°	300.4	293.0	289.8	298.3	304.6
65°	270.8	263.4	262.3	271.8	278.2
67.5°	243.3	235.9	232.7	241.2	249.6
70°	213.7	204.1	202.0	213.7	221.1
72.5°	183.0	174.5	172.4	185.1	191.4
75°	150.2	143.8	142.8	153.4	159.7
77.5°	121.6	112.1	112.1	122.7	126.9
80°	89.9	83.6	81.4	89.9	94.1
82.5°	61.3	57.1	55.0	58.2	63.5
85°	38.1	33.8	30.7	31.7	32.8
87.5°	16.9	13.8	10.6	8.5	9.5
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)