

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: P189107

Luminaire Tested: **DRI-WS-3L35-UNV-14-T1-STD**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P189107  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P34838)  
Test Lab: INNOVATION CENTER-P3  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: CORELITE  
Catalog Number: DRI-WS-3L35-UNV-14-T1-STD  
Description: DIVIDE RECESSED 1x4 LED LUMINAIRE, WaveStream SPECULAR OPTIC  
Light Source: (308) 3500K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

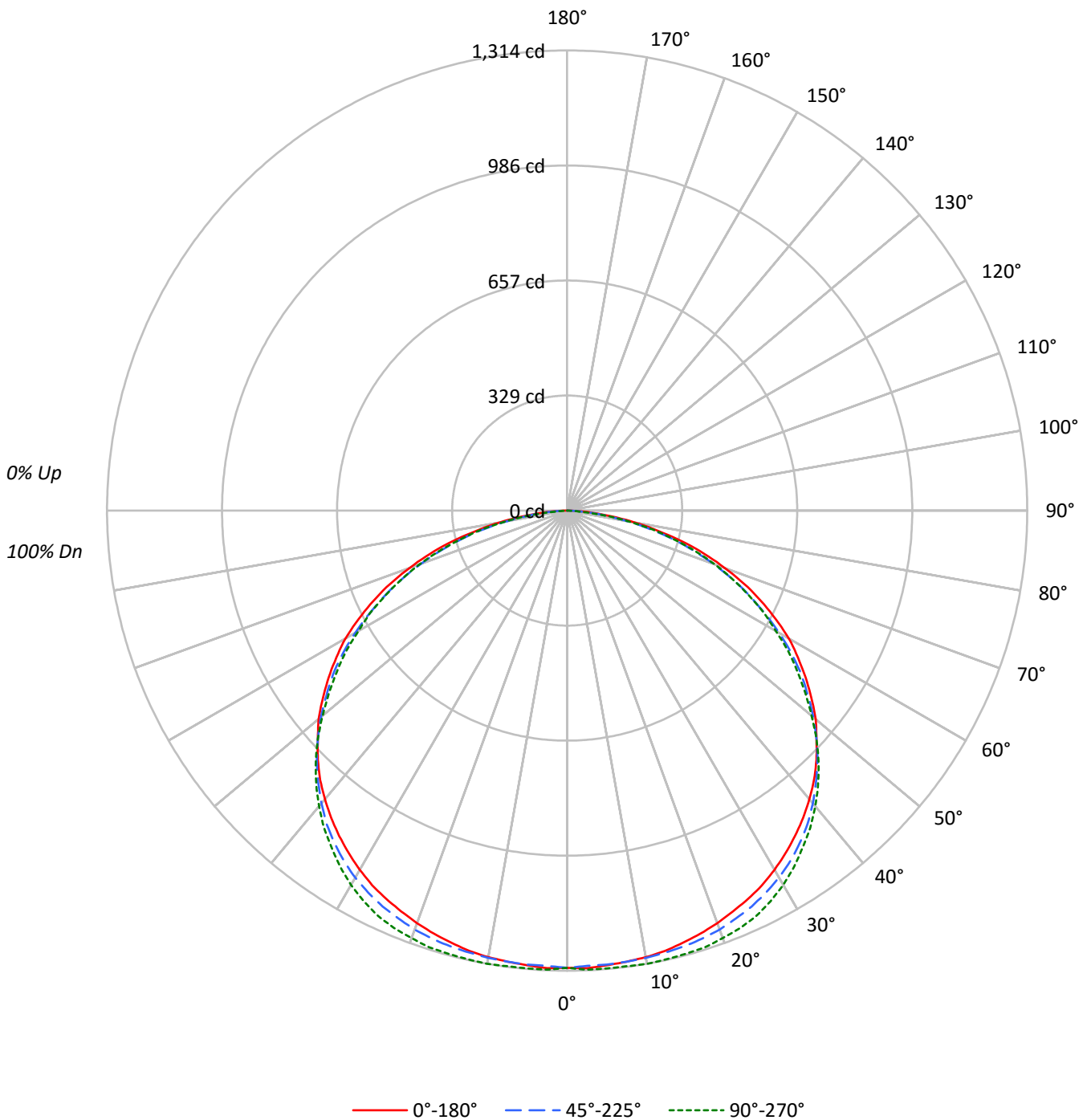
Lumens per Lamp: N/A  
Luminaire Lumens: 4289.9 lumens  
Efficiency: N/A  
Efficacy: 127.7 lumens/watt  
Spacing Criteria (0/90/45): 1.35 / 1.39 / 1.48  
Luminous Opening: Rectangular (W 0.96' x L: 3.83' x H: 0')  
CIE Type: Direct

Input Watts (W): 33.6  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): 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: P189107  
CATALOG NUMBER: DRI-WS-3L35-UNV-14-T1-STD

### Luminous Intensity Polar Plot





TEST NUMBER: P189107

CATALOG NUMBER: DRI-WS-3L35-UNV-14-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	94	91	93	90	88	89	87	85	83
2	98	90	83	77	95	88	81	76	84	79	74	81	76	72	78	74	71	68
3	89	78	70	63	87	77	69	62	74	67	61	71	65	60	68	63	59	57
4	81	69	60	53	79	68	59	53	65	58	52	63	56	51	60	55	50	48
5	75	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	39	51	44	38	49	43	38	36
7	64	50	41	34	62	49	40	34	47	40	34	46	39	34	44	38	34	31
8	59	45	37	31	58	45	36	30	43	36	30	42	35	30	41	35	30	28
9	55	41	33	27	54	41	33	27	40	32	27	39	32	27	38	31	27	25
10	52	38	30	25	50	38	30	25	37	29	25	36	29	24	35	29	24	22

**AVERAGE LUMINANCE (cd/sqm):**

	0°	45°	90°
0°	3825	3825	3825
5°	3834	3827	3859
10°	3852	3859	3910
15°	3875	3908	3973
20°	3909	3970	4051
25°	3955	4032	4130
30°	4007	4095	4175
35°	4058	4144	4198
40°	4116	4174	4215
45°	4172	4190	4208
50°	4224	4185	4155
55°	4247	4170	4104
60°	4288	4098	4035
65°	4233	3978	3963
70°	4099	3803	3840
75°	3848	3505	3554
80°	3324	2923	2960
85°	2474	2037	1382



TEST NUMBER: P189107

CATALOG NUMBER: DRI-WS-3L35-UNV-14-T1-STD

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	124.5	2.9
10°-20°	365.6	8.5
20°-30°	576.4	13.4
30°-40°	724.2	16.9
40°-50°	780.2	18.2
50°-60°	730.1	17.0
60°-70°	577.4	13.5
70°-80°	335.7	7.8
80°-90°	75.9	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°	1066.5	24.9
0°-40°	1790.7	41.7
0°-60°	3301.0	76.9
0°-90°	4289.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	4289.9	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	1306	1306	1306	1306	1306	
5°	1303	1306	1301	1310	1312	124
15°	1277	1282	1288	1303	1310	361
25°	1223	1232	1247	1269	1277	565
35°	1134	1145	1158	1171	1174	710
45°	1007	1011	1011	1013	1016	776
55°	831	831	816	808	803	743
65°	611	600	574	574	572	603
75°	340	325	310	314	314	357
85°	74	67	61	50	41	91
90°	0	0	0	0	0	



TEST NUMBER: P189107

CATALOG NUMBER: DRI-WS-3L35-UNV-14-T1-STD

**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	1305.6	1305.6	1305.6	1305.6	1305.6
2.5°	1307.8	1305.6	1301.3	1309.9	1312.1
5°	1303.4	1305.6	1301.3	1309.9	1312.1
7.5°	1299.1	1301.3	1299.1	1309.9	1312.1
10°	1294.8	1296.9	1296.9	1309.9	1314.3
12.5°	1288.3	1290.4	1292.6	1307.8	1312.1
15°	1277.4	1281.8	1288.3	1303.4	1309.9
17.5°	1266.6	1273.1	1281.8	1301.3	1307.8
20°	1253.6	1260.1	1273.1	1292.6	1299.1
22.5°	1238.5	1247.1	1260.1	1281.8	1290.4
25°	1223.3	1232.0	1247.1	1268.8	1277.4
27.5°	1206.0	1214.7	1229.8	1251.5	1258.0
30°	1184.3	1195.2	1210.3	1229.8	1234.1
32.5°	1160.5	1171.4	1186.5	1201.7	1206.0
35°	1134.5	1145.4	1158.4	1171.4	1173.5
37.5°	1106.4	1117.2	1128.0	1136.7	1141.0
40°	1076.1	1084.7	1091.2	1099.9	1102.1
42.5°	1043.6	1050.1	1052.3	1060.9	1060.9
45°	1006.8	1011.1	1011.1	1013.3	1015.5
47.5°	965.7	972.2	965.7	967.8	965.7
50°	926.7	926.7	918.0	915.9	911.5
52.5°	879.1	879.1	866.1	861.7	857.4
55°	831.4	831.4	816.3	807.6	803.3
57.5°	781.6	777.3	760.0	751.3	749.1
60°	731.8	721.0	699.3	692.9	688.5
62.5°	671.2	662.5	636.6	634.4	634.4
65°	610.6	599.7	573.8	573.8	571.6
67.5°	547.8	534.8	511.0	511.0	511.0
70°	478.5	465.5	443.9	446.0	448.2
72.5°	411.4	396.2	376.7	378.9	381.1
75°	339.9	324.8	309.6	313.9	313.9
77.5°	264.1	255.5	242.5	244.7	249.0
80°	197.0	186.2	173.2	177.5	175.4
82.5°	129.9	119.1	112.6	110.4	110.4
85°	73.6	67.1	60.6	49.8	41.1
87.5°	32.5	23.8	8.7	6.5	4.3
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)