

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: P189152

Luminaire Tested: **DRI-WD-3L40-UNV-14-T1-STD**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P189152  
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-3L40-UNV-14-T1-STD  
Description: DIVIDE RECESSED 1x4 LED LUMINAIRE, WaveStream DIFFUSE OPTIC  
Light Source: (308) 4000K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 4564.6 lumens  
Efficiency: N/A  
Efficacy: 135.9 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

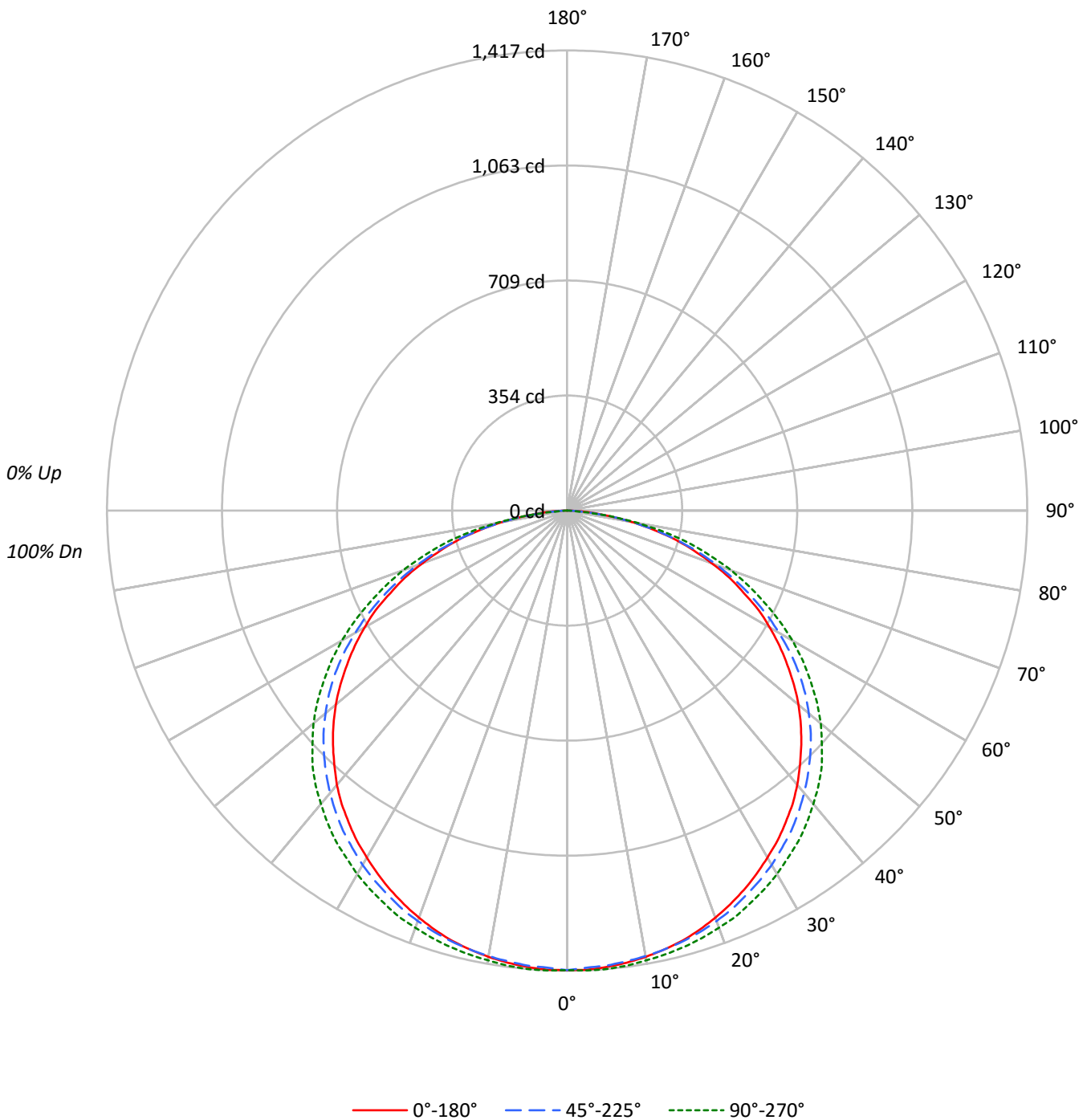
Input Watts (W): 33.6  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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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°	4146	4146	4146
5°	4149	4136	4168
10°	4152	4145	4184
15°	4160	4167	4219
20°	4160	4194	4262
25°	4165	4222	4314
30°	4174	4263	4374
35°	4195	4304	4444
40°	4218	4343	4510
45°	4226	4389	4597
50°	4241	4430	4649
55°	4228	4451	4674
60°	4223	4415	4696
65°	4163	4345	4648
70°	4060	4209	4602
75°	3906	3956	4425
80°	3390	3390	3722
85°	2495	2128	1469



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	134.3	2.9
10°-20°	389.4	8.5
20°-30°	604.5	13.2
30°-40°	754.5	16.5
40°-50°	819.4	18.0
50°-60°	778.6	17.1
60°-70°	624.7	13.7
70°-80°	375.5	8.2
80°-90°	83.9	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°	1128.2	24.7
0°-40°	1882.6	41.2
0°-60°	3480.6	76.3
0°-90°	4564.6	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	4564.6	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	1415	1415	1415	1415	1415	
5°	1411	1411	1406	1413	1417	134
15°	1371	1371	1374	1387	1391	387
25°	1288	1295	1306	1328	1334	594
35°	1173	1181	1203	1229	1242	734
45°	1020	1033	1059	1094	1109	787
55°	828	843	871	902	915	740
65°	600	609	627	657	670	595
75°	345	345	349	376	391	359
85°	74	70	63	52	44	91
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	1415.1	1415.1	1415.1	1415.1	1415.1
2.5°	1415.1	1415.1	1408.5	1417.2	1417.2
5°	1410.7	1410.7	1406.3	1412.9	1417.2
7.5°	1404.1	1404.1	1399.8	1408.5	1412.9
10°	1395.4	1395.4	1393.2	1401.9	1406.3
12.5°	1384.5	1386.7	1384.5	1395.4	1399.8
15°	1371.4	1371.4	1373.6	1386.7	1391.0
17.5°	1353.9	1356.1	1360.5	1373.6	1380.1
20°	1334.3	1338.6	1345.2	1360.5	1367.0
22.5°	1312.4	1319.0	1327.7	1345.2	1353.9
25°	1288.4	1294.9	1305.9	1327.7	1334.3
27.5°	1262.2	1270.9	1284.0	1305.9	1314.6
30°	1233.8	1242.5	1260.0	1281.8	1292.8
32.5°	1205.4	1214.1	1231.6	1255.6	1266.6
35°	1172.7	1181.4	1203.2	1229.4	1242.5
37.5°	1139.9	1148.6	1170.5	1198.9	1212.0
40°	1102.8	1113.7	1135.5	1166.1	1179.2
42.5°	1061.3	1072.2	1098.4	1133.4	1146.5
45°	1019.8	1032.9	1059.1	1094.0	1109.3
47.5°	976.1	989.2	1017.6	1052.6	1063.5
50°	930.3	943.4	971.8	1006.7	1019.8
52.5°	880.0	897.5	923.7	956.5	969.6
55°	827.6	842.9	871.3	901.9	915.0
57.5°	775.2	788.3	814.5	845.1	860.4
60°	720.6	729.4	753.4	784.0	801.4
62.5°	666.0	672.6	692.2	720.6	738.1
65°	600.5	609.3	626.7	657.3	670.4
67.5°	541.6	545.9	559.0	589.6	604.9
70°	473.9	480.4	491.3	517.5	537.2
72.5°	408.4	412.7	421.5	445.5	462.9
75°	345.0	345.0	349.4	375.6	390.9
77.5°	270.8	273.0	275.1	297.0	307.9
80°	200.9	200.9	200.9	209.6	220.6
82.5°	133.2	131.0	128.8	131.0	135.4
85°	74.2	69.9	63.3	52.4	43.7
87.5°	26.2	21.8	8.7	6.6	6.6
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)