

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: P189089

Luminaire Tested: **DRI-WD-6L35-UNV-22-T1-STD**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P189089  
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-6L35-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**

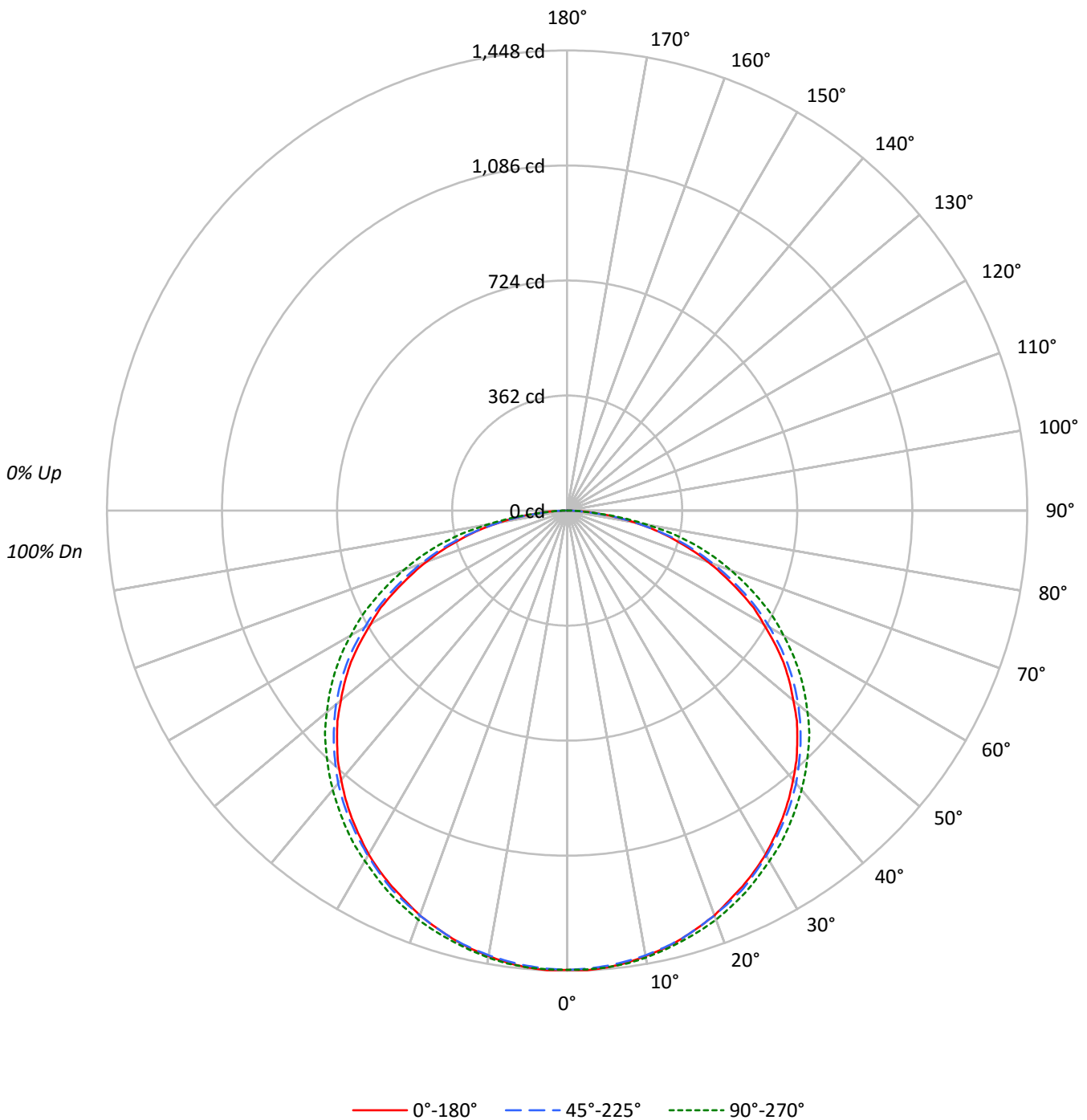
Lumens per Lamp: N/A  
Luminaire Lumens: 4561.5 lumens  
Efficiency: N/A  
Efficacy: 117.0 lumens/watt  
Spacing Criteria (0/90/45): 1.28 / 1.31 / 1.43  
Luminous Opening: Rectangular (W 1.79' x L: 1.79' x H: 0')  
CIE Type: Direct

Input Watts (W): 39  
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°	4846	4846	4846
5°	4856	4840	4856
10°	4847	4838	4863
15°	4841	4841	4866
20°	4837	4837	4889
25°	4828	4855	4908
30°	4836	4855	4930
35°	4836	4875	4974
40°	4843	4906	5022
45°	4856	4925	5085
50°	4849	4950	5152
55°	4854	4967	5222
60°	4789	4935	5277
65°	4725	4879	5340
70°	4628	4794	5364
75°	4485	4642	5395
80°	4159	4208	4955
85°	3447	3074	3447



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	136.9	3.0
10°-20°	394.3	8.6
20°-30°	605.6	13.3
30°-40°	747.9	16.4
40°-50°	805.0	17.6
50°-60°	763.3	16.7
60°-70°	617.8	13.5
70°-80°	387.7	8.5
80°-90°	103.0	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°	1136.7	24.9
0°-40°	1884.7	41.3
0°-60°	3453.0	75.7
0°-90°	4561.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	4561.5	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	1445	1445	1445	1445	1445	
5°	1443	1440	1438	1440	1443	137
15°	1394	1392	1394	1399	1402	394
25°	1305	1307	1312	1319	1327	602
35°	1181	1184	1191	1206	1215	739
45°	1024	1026	1038	1060	1072	790
55°	830	833	850	876	893	740
65°	596	600	615	649	673	590
75°	346	346	358	392	416	365
85°	90	82	80	87	90	104
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	1445.2	1445.2	1445.2	1445.2	1445.2
2.5°	1447.6	1442.8	1442.8	1445.2	1445.2
5°	1442.8	1440.4	1437.9	1440.4	1442.8
7.5°	1435.5	1430.7	1430.7	1433.1	1437.9
10°	1423.4	1421.0	1421.0	1425.8	1428.3
12.5°	1411.3	1408.9	1408.9	1413.7	1416.2
15°	1394.4	1391.9	1394.4	1399.2	1401.6
17.5°	1375.0	1375.0	1375.0	1382.3	1387.1
20°	1355.6	1353.2	1355.6	1362.9	1370.2
22.5°	1329.0	1331.4	1333.8	1343.5	1348.4
25°	1304.8	1307.2	1312.1	1319.3	1326.6
27.5°	1278.2	1278.2	1283.0	1295.1	1300.0
30°	1249.1	1249.1	1254.0	1266.1	1273.3
32.5°	1215.2	1217.6	1222.5	1239.4	1246.7
35°	1181.3	1183.8	1191.0	1205.5	1215.2
37.5°	1145.0	1147.4	1157.1	1171.7	1181.3
40°	1106.3	1111.1	1120.8	1137.8	1147.4
42.5°	1067.6	1070.0	1079.7	1099.0	1111.1
45°	1024.0	1026.4	1038.5	1060.3	1072.4
47.5°	980.4	980.4	994.9	1019.1	1033.7
50°	929.6	934.4	948.9	973.2	987.7
52.5°	881.2	886.0	900.5	927.2	941.7
55°	830.3	832.7	849.7	876.3	893.3
57.5°	772.2	777.1	794.0	825.5	842.4
60°	714.1	721.4	735.9	767.4	786.8
62.5°	660.9	663.3	677.8	711.7	733.5
65°	595.5	600.4	614.9	648.8	673.0
67.5°	532.6	535.0	551.9	588.2	610.0
70°	472.1	476.9	489.0	527.7	547.1
72.5°	409.1	409.1	426.1	464.8	484.2
75°	346.2	346.2	358.3	392.2	416.4
77.5°	283.2	280.8	285.7	322.0	341.3
80°	215.4	210.6	217.9	239.7	256.6
82.5°	147.7	145.2	145.2	159.8	171.9
85°	89.6	82.3	79.9	87.1	89.6
87.5°	36.3	31.5	26.6	24.2	26.6
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)