

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: P189083

Luminaire Tested: **DRI-WD-6L30-UNV-22-T1-STD**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P189083  
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-6L30-UNV-22-T1-STD  
Description: DIVIDE RECESSED 2x2 LED LUMINAIRE, WaveStream DIFFUSE OPTIC  
Light Source: (168) 3000K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 4312.6 lumens  
Efficiency: N/A  
Efficacy: 110.6 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

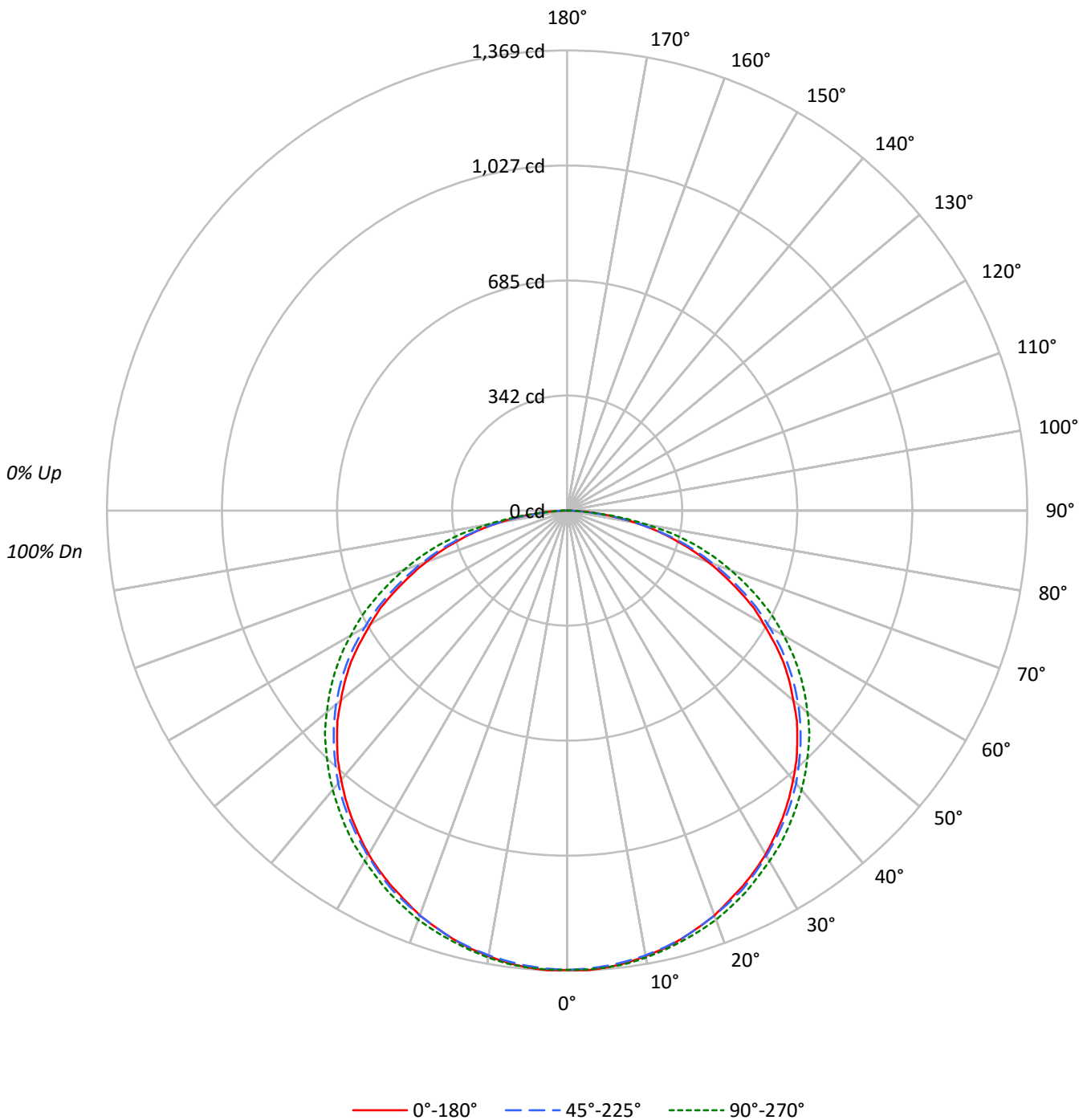
Input Watts (W): 39  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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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°	4582	4582	4582
5°	4592	4576	4592
10°	4582	4574	4598
15°	4576	4576	4600
20°	4574	4574	4622
25°	4564	4590	4640
30°	4573	4591	4661
35°	4572	4609	4703
40°	4578	4639	4749
45°	4591	4656	4808
50°	4585	4680	4871
55°	4589	4696	4937
60°	4528	4666	4988
65°	4467	4612	5049
70°	4376	4532	5072
75°	4240	4388	5101
80°	3933	3978	4685
85°	3259	2905	3259



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	129.5	3.0
10°-20°	372.7	8.6
20°-30°	572.5	13.3
30°-40°	707.2	16.4
40°-50°	761.1	17.6
50°-60°	721.7	16.7
60°-70°	584.1	13.5
70°-80°	366.5	8.5
80°-90°	97.4	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°	1074.7	24.9
0°-40°	1781.9	41.3
0°-60°	3264.7	75.7
0°-90°	4312.6	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	4312.6	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	1366	1366	1366	1366	1366	
5°	1364	1362	1360	1362	1364	130
15°	1318	1316	1318	1323	1325	372
25°	1234	1236	1240	1247	1254	569
35°	1117	1119	1126	1140	1149	699
45°	968	970	982	1002	1014	747
55°	785	787	803	828	844	699
65°	563	568	581	613	636	557
75°	327	327	339	371	394	345
85°	85	78	76	82	85	98
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	1366.4	1366.4	1366.4	1366.4	1366.4
2.5°	1368.7	1364.1	1364.1	1366.4	1366.4
5°	1364.1	1361.8	1359.5	1361.8	1364.1
7.5°	1357.2	1352.6	1352.6	1354.9	1359.5
10°	1345.8	1343.5	1343.5	1348.1	1350.3
12.5°	1334.3	1332.0	1332.0	1336.6	1338.9
15°	1318.3	1316.0	1318.3	1322.9	1325.2
17.5°	1300.0	1300.0	1300.0	1306.9	1311.4
20°	1281.7	1279.4	1281.7	1288.5	1295.4
22.5°	1256.5	1258.8	1261.1	1270.2	1274.8
25°	1233.6	1235.9	1240.5	1247.4	1254.2
27.5°	1208.4	1208.4	1213.0	1224.5	1229.0
30°	1181.0	1181.0	1185.6	1197.0	1203.9
32.5°	1148.9	1151.2	1155.8	1171.8	1178.7
35°	1116.9	1119.2	1126.0	1139.8	1148.9
37.5°	1082.6	1084.9	1094.0	1107.7	1116.9
40°	1045.9	1050.5	1059.7	1075.7	1084.9
42.5°	1009.3	1011.6	1020.8	1039.1	1050.5
45°	968.1	970.4	981.9	1002.5	1013.9
47.5°	926.9	926.9	940.7	963.6	977.3
50°	878.9	883.4	897.2	920.1	933.8
52.5°	833.1	837.7	851.4	876.6	890.3
55°	785.0	787.3	803.3	828.5	844.5
57.5°	730.1	734.7	750.7	780.5	796.5
60°	675.2	682.0	695.8	725.5	743.8
62.5°	624.8	627.1	640.8	672.9	693.5
65°	563.0	567.6	581.3	613.4	636.3
67.5°	503.5	505.8	521.8	556.2	576.8
70°	446.3	450.9	462.3	498.9	517.3
72.5°	386.8	386.8	402.8	439.4	457.7
75°	327.3	327.3	338.7	370.8	393.7
77.5°	267.8	265.5	270.1	304.4	322.7
80°	203.7	199.1	206.0	226.6	242.6
82.5°	139.6	137.3	137.3	151.1	162.5
85°	84.7	77.8	75.5	82.4	84.7
87.5°	34.3	29.8	25.2	22.9	25.2
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)