

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: P189088

Luminaire Tested: **DRI-WD-5L35-UNV-22-T1-STD**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P189088
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-5L35-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: 4049.9 lumens
Efficiency: N/A
Efficacy: 119.5 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

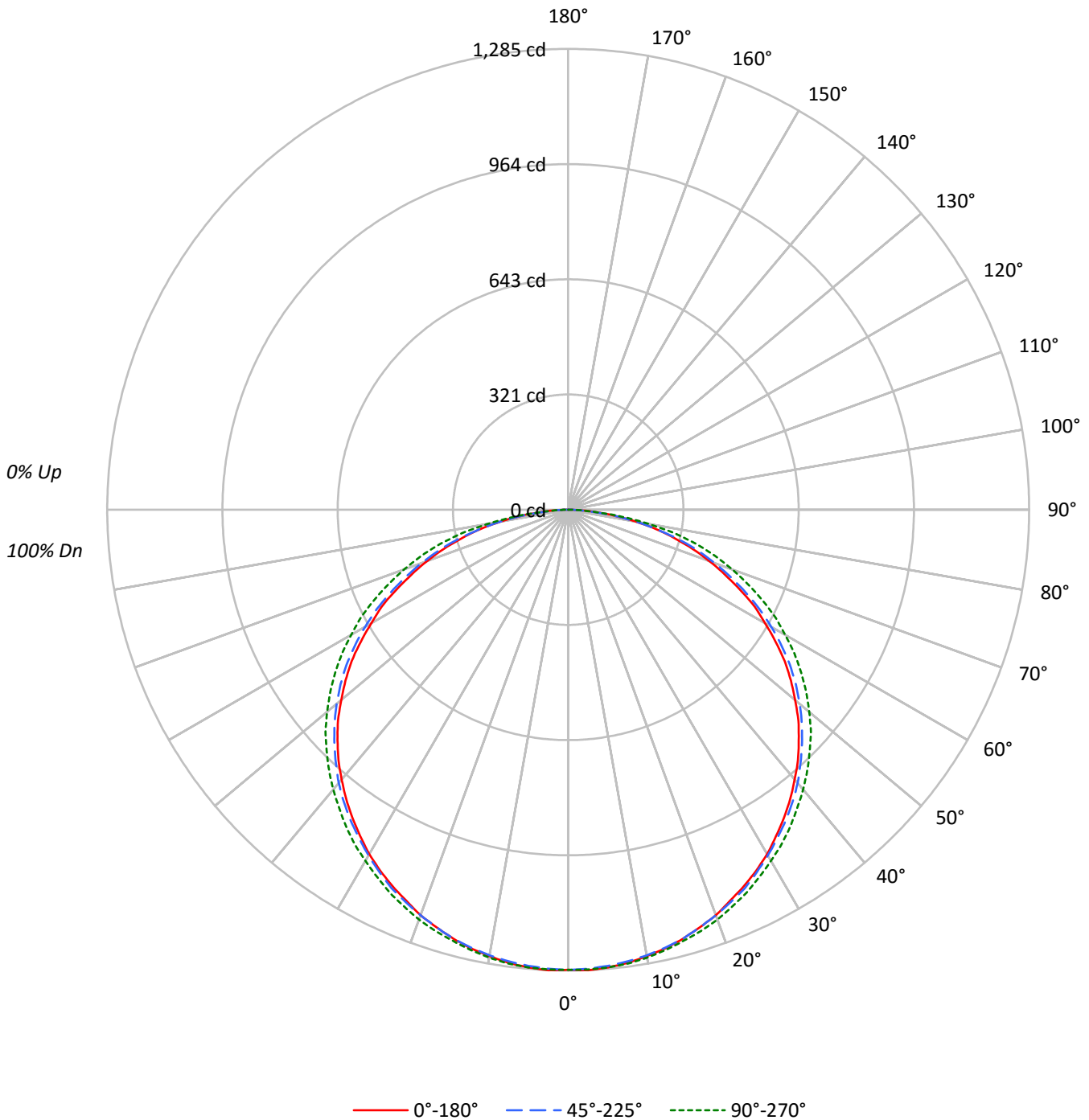
Input Watts (W): 33.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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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°	4302	4302	4302
5°	4312	4297	4312
10°	4303	4296	4318
15°	4298	4298	4320
20°	4295	4295	4341
25°	4286	4310	4358
30°	4294	4311	4377
35°	4293	4328	4416
40°	4299	4356	4460
45°	4311	4372	4515
50°	4305	4395	4574
55°	4310	4410	4637
60°	4252	4382	4684
65°	4195	4331	4741
70°	4109	4257	4762
75°	3981	4121	4790
80°	3694	3735	4399
85°	3059	2728	3059



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	121.6	3.0
10°-20°	350.0	8.6
20°-30°	537.6	13.3
30°-40°	664.1	16.4
40°-50°	714.7	17.6
50°-60°	677.7	16.7
60°-70°	548.5	13.5
70°-80°	344.2	8.5
80°-90°	91.4	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°	1009.2	24.9
0°-40°	1673.3	41.3
0°-60°	3065.7	75.7
0°-90°	4049.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	4049.9	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1283	1283	1283	1283	1283	
5°	1281	1279	1277	1279	1281	122
15°	1238	1236	1238	1242	1244	350
25°	1158	1161	1165	1171	1178	534
35°	1049	1051	1057	1070	1079	656
45°	909	911	922	941	952	701
55°	737	739	754	778	793	657
65°	529	533	546	576	598	523
75°	307	307	318	348	370	324
85°	80	73	71	77	80	92
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1283.1	1283.1	1283.1	1283.1	1283.1
2.5°	1285.3	1281.0	1281.0	1283.1	1283.1
5°	1281.0	1278.8	1276.7	1278.8	1281.0
7.5°	1274.5	1270.2	1270.2	1272.4	1276.7
10°	1263.8	1261.6	1261.6	1265.9	1268.1
12.5°	1253.0	1250.9	1250.9	1255.2	1257.3
15°	1238.0	1235.8	1238.0	1242.3	1244.4
17.5°	1220.8	1220.8	1220.8	1227.2	1231.5
20°	1203.6	1201.4	1203.6	1210.0	1216.5
22.5°	1179.9	1182.1	1184.2	1192.8	1197.1
25°	1158.5	1160.6	1164.9	1171.4	1177.8
27.5°	1134.8	1134.8	1139.1	1149.9	1154.2
30°	1109.0	1109.0	1113.3	1124.1	1130.5
32.5°	1078.9	1081.1	1085.4	1100.4	1106.9
35°	1048.8	1051.0	1057.4	1070.3	1078.9
37.5°	1016.6	1018.8	1027.4	1040.2	1048.8
40°	982.2	986.5	995.1	1010.2	1018.8
42.5°	947.8	950.0	958.6	975.8	986.5
45°	909.1	911.3	922.0	941.4	952.1
47.5°	870.5	870.5	883.3	904.8	917.7
50°	825.3	829.6	842.5	864.0	876.9
52.5°	782.3	786.6	799.5	823.2	836.1
55°	737.2	739.3	754.4	778.0	793.1
57.5°	685.6	689.9	705.0	732.9	747.9
60°	634.0	640.5	653.4	681.3	698.5
62.5°	586.8	588.9	601.8	631.9	651.2
65°	528.7	533.0	545.9	576.0	597.5
67.5°	472.8	475.0	490.0	522.3	541.6
70°	419.1	423.4	434.2	468.5	485.7
72.5°	363.2	363.2	378.3	412.7	429.9
75°	307.3	307.3	318.1	348.2	369.7
77.5°	251.5	249.3	253.6	285.9	303.0
80°	191.3	187.0	193.4	212.8	227.8
82.5°	131.1	129.0	129.0	141.9	152.6
85°	79.5	73.1	70.9	77.4	79.5
87.5°	32.2	27.9	23.6	21.5	23.6
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)