

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: P189121

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

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P189121
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P34832)
Test Lab: INNOVATION CENTER-P3
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: CORELITE
Catalog Number: DRI-WS-6L35-UNV-22-T1-STD
Description: DIVIDE RECESSED 2x2 LED LUMINAIRE, WaveStream SPECULAR OPTIC
Light Source: (168) 3500K CCT, 80 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

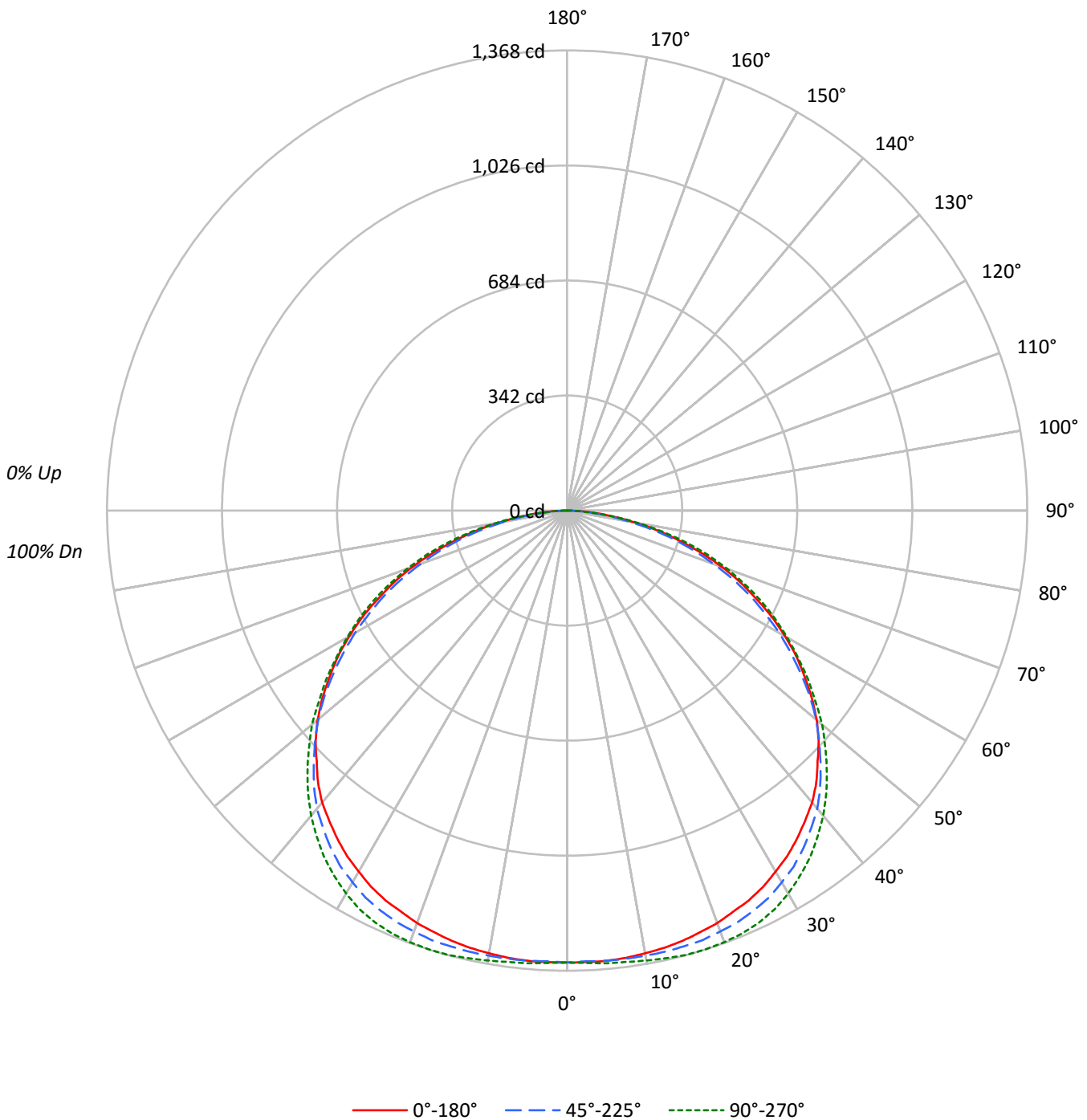
Lumens per Lamp: N/A
Luminaire Lumens: 4527.5 lumens
Efficiency: N/A
Efficacy: 116.1 lumens/watt
Spacing Criteria (0/90/45): 1.37 / 1.43 / 1.5
Luminous Opening: Rectangular (W 1.79' x L: 1.79' x H: 0')
CIE Type: Direct

Input Watts (W): 39
Input Voltage (V): NR
Input Current (A_{in}): 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	88		89	87	85	83
2	98	89	82	76	95	88	81	75	84	78	74		81	76	72		78	74	70	68
3	89	78	70	63	86	76	69	62	73	67	61		71	65	60		68	63	59	57
4	81	69	60	53	79	67	59	52	65	57	52		63	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	43	38	36
7	63	50	41	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	40	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°	4505	4505	4505
5°	4522	4522	4547
10°	4550	4574	4624
15°	4597	4656	4748
20°	4656	4751	4872
25°	4729	4855	4998
30°	4799	4940	5090
35°	4875	5014	5153
40°	4959	5065	5182
45°	4993	5051	5177
50°	5051	5039	5165
55°	5038	4967	5109
60°	5016	4887	5065
65°	4917	4764	5052
70°	4794	4533	4960
75°	4454	4234	4735
80°	3974	3599	4159
85°	3351	2701	2885



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	128.4	2.8
10°-20°	380.3	8.4
20°-30°	605.6	13.4
30°-40°	766.0	16.9
40°-50°	825.1	18.2
50°-60°	767.1	16.9
60°-70°	605.6	13.4
70°-80°	358.7	7.9
80°-90°	90.8	2.0
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°	1114.3	24.6
0°-40°	1880.2	41.5
0°-60°	3472.4	76.7
0°-90°	4527.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	4527.5	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1344	1344	1344	1344	1344	
5°	1344	1341	1344	1348	1351	128
15°	1324	1329	1341	1360	1368	374
25°	1278	1285	1312	1339	1351	590
35°	1191	1201	1225	1249	1259	746
45°	1053	1058	1065	1082	1092	814
55°	862	852	850	862	874	771
65°	620	603	600	622	637	614
75°	344	329	327	351	366	366
85°	87	78	70	73	75	100
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1343.5	1343.5	1343.5	1343.5	1343.5
2.5°	1343.5	1343.5	1341.1	1343.5	1346.0
5°	1343.5	1341.1	1343.5	1348.4	1350.8
7.5°	1341.1	1341.1	1343.5	1348.4	1353.2
10°	1336.3	1336.3	1343.5	1353.2	1358.1
12.5°	1331.4	1333.9	1343.5	1355.6	1362.9
15°	1324.2	1329.0	1341.1	1360.5	1367.7
17.5°	1314.5	1321.7	1338.7	1358.1	1367.7
20°	1304.8	1312.1	1331.4	1355.6	1365.3
22.5°	1290.3	1300.0	1324.2	1348.4	1360.5
25°	1278.2	1285.4	1312.1	1338.7	1350.8
27.5°	1261.2	1270.9	1297.5	1324.2	1336.3
30°	1239.4	1251.5	1275.8	1302.4	1314.5
32.5°	1217.7	1227.3	1254.0	1278.2	1287.9
35°	1191.0	1200.7	1224.9	1249.1	1258.8
37.5°	1162.0	1171.7	1191.0	1212.8	1222.5
40°	1132.9	1137.8	1157.1	1174.1	1183.8
42.5°	1096.6	1099.0	1113.6	1132.9	1140.2
45°	1053.0	1057.9	1065.1	1082.1	1091.8
47.5°	1014.3	1011.9	1016.7	1033.7	1040.9
50°	968.3	961.1	965.9	978.0	990.1
52.5°	917.5	907.8	910.2	919.9	929.6
55°	861.8	852.1	849.7	861.8	873.9
57.5°	808.5	796.4	789.2	803.7	813.4
60°	748.0	733.5	728.7	745.6	755.3
62.5°	687.5	670.6	663.3	682.7	697.2
65°	619.7	602.8	600.4	622.1	636.7
67.5°	556.8	539.8	532.6	551.9	571.3
70°	489.0	467.2	462.4	489.0	505.9
72.5°	418.8	399.4	394.6	423.6	438.2
75°	343.8	329.2	326.8	351.0	365.5
77.5°	278.4	256.6	256.6	280.8	290.5
80°	205.8	191.2	186.4	205.8	215.4
82.5°	140.4	130.7	125.9	133.1	145.2
85°	87.1	77.5	70.2	72.6	75.0
87.5°	38.7	31.5	24.2	19.4	21.8
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)