

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: P189108

Luminaire Tested: **DRI-WS-4L35-UNV-14-T1-STD**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P189108  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P34838)  
Test Lab: INNOVATION CENTER-P3  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: CORELITE  
Catalog Number: DRI-WS-4L35-UNV-14-T1-STD  
Description: DIVIDE RECESSED 1x4 LED LUMINAIRE, WaveStream SPECULAR OPTIC  
Light Source: (308) 3500K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

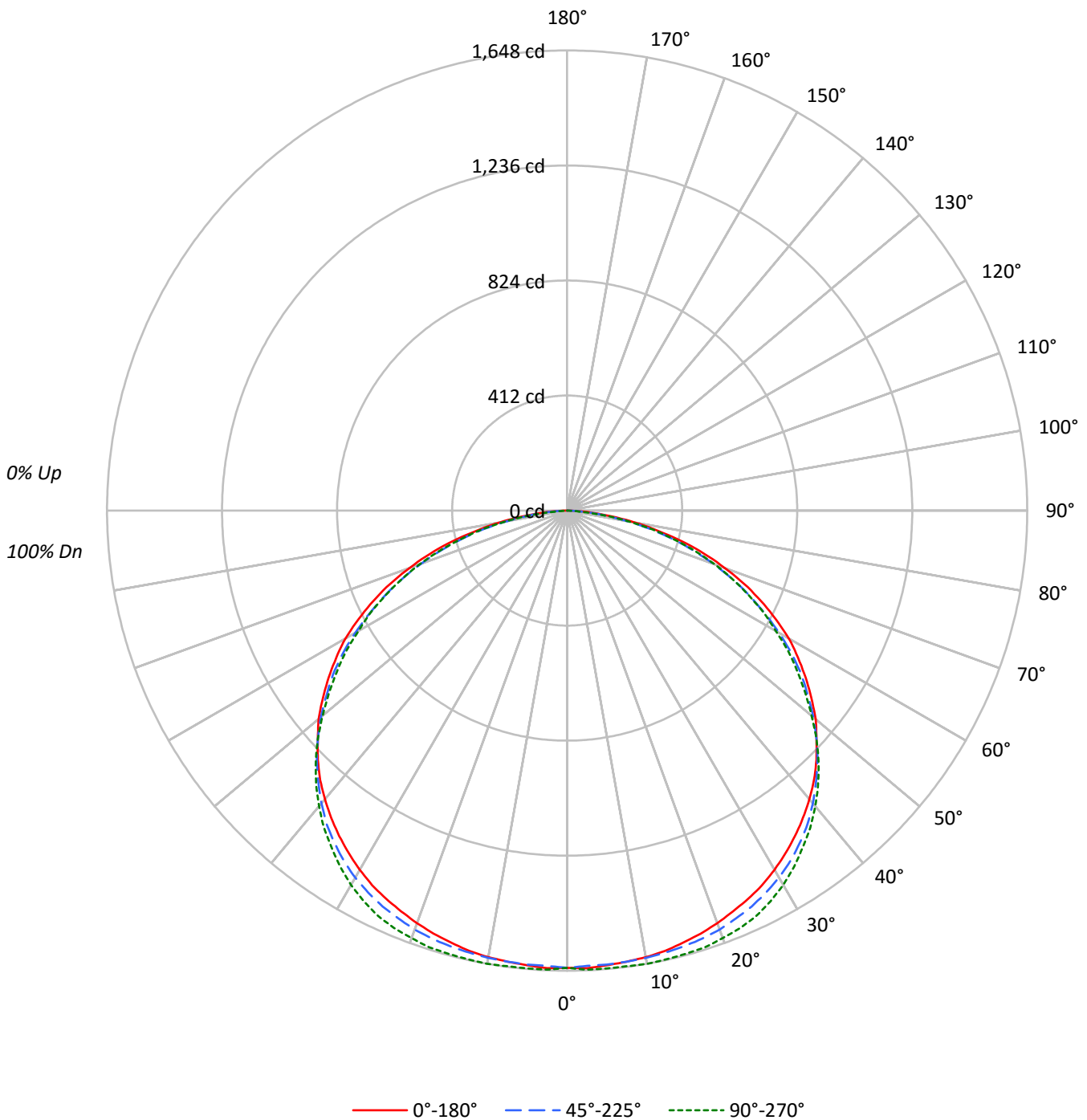
Lumens per Lamp: N/A  
Luminaire Lumens: 5380.3 lumens  
Efficiency: N/A  
Efficacy: 124.3 lumens/watt  
Spacing Criteria (0/90/45): 1.35 / 1.39 / 1.48  
Luminous Opening: Rectangular (W 0.96' x L: 3.83' x H: 0')  
CIE Type: Direct

Input Watts (W): 43.3  
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	94	91	93	90	88	89	87	85	83
2	98	90	83	77	95	88	81	76	84	79	74	81	76	72	78	74	71	68
3	89	78	70	63	87	77	69	62	74	67	61	71	65	60	68	63	59	57
4	81	69	60	53	79	68	59	53	65	58	52	63	56	51	60	55	50	48
5	75	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	39	51	44	38	49	43	38	36
7	64	50	41	34	62	49	40	34	47	40	34	46	39	34	44	38	34	31
8	59	45	37	31	58	45	36	30	43	36	30	42	35	30	41	35	30	28
9	55	41	33	27	54	41	33	27	40	32	27	39	32	27	38	31	27	25
10	52	38	30	25	50	38	30	25	37	29	25	36	29	24	35	29	24	22

**AVERAGE LUMINANCE (cd/sqm):**

	0°	45°	90°
0°	4798	4798	4798
5°	4808	4800	4840
10°	4832	4840	4904
15°	4860	4901	4984
20°	4903	4979	5080
25°	4960	5057	5180
30°	5026	5136	5237
35°	5090	5197	5265
40°	5162	5235	5287
45°	5232	5255	5277
50°	5298	5249	5211
55°	5327	5229	5147
60°	5378	5140	5060
65°	5309	4989	4970
70°	5141	4769	4815
75°	4826	4396	4457
80°	4169	3665	3712
85°	3103	2555	1735



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	156.2	2.9
10°-20°	458.5	8.5
20°-30°	722.9	13.4
30°-40°	908.3	16.9
40°-50°	978.5	18.2
50°-60°	915.7	17.0
60°-70°	724.1	13.5
70°-80°	421.0	7.8
80°-90°	95.1	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°	1337.6	24.9
0°-40°	2245.8	41.7
0°-60°	4140.0	76.9
0°-90°	5380.3	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	5380.3	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	1638	1638	1638	1638	1638	
5°	1635	1638	1632	1643	1646	156
15°	1602	1608	1616	1635	1643	453
25°	1534	1545	1564	1591	1602	708
35°	1423	1436	1453	1469	1472	891
45°	1263	1268	1268	1271	1274	974
55°	1043	1043	1024	1013	1008	932
65°	766	752	720	720	717	756
75°	426	407	388	394	394	447
85°	92	84	76	62	52	114
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	1637.5	1637.5	1637.5	1637.5	1637.5
2.5°	1640.2	1637.5	1632.0	1642.9	1645.6
5°	1634.7	1637.5	1632.0	1642.9	1645.6
7.5°	1629.3	1632.0	1629.3	1642.9	1645.6
10°	1623.9	1626.6	1626.6	1642.9	1648.3
12.5°	1615.7	1618.4	1621.2	1640.2	1645.6
15°	1602.2	1607.6	1615.7	1634.7	1642.9
17.5°	1588.6	1596.7	1607.6	1632.0	1640.2
20°	1572.3	1580.4	1596.7	1621.2	1629.3
22.5°	1553.3	1564.1	1580.4	1607.6	1618.4
25°	1534.3	1545.1	1564.1	1591.3	1602.2
27.5°	1512.5	1523.4	1542.4	1569.6	1577.7
30°	1485.4	1499.0	1518.0	1542.4	1547.8
32.5°	1455.5	1469.1	1488.1	1507.1	1512.5
35°	1422.9	1436.5	1452.8	1469.1	1471.8
37.5°	1387.6	1401.2	1414.8	1425.6	1431.1
40°	1349.6	1360.5	1368.6	1379.5	1382.2
42.5°	1308.9	1317.0	1319.7	1330.6	1330.6
45°	1262.7	1268.1	1268.1	1270.9	1273.6
47.5°	1211.1	1219.3	1211.1	1213.8	1211.1
50°	1162.2	1162.2	1151.4	1148.7	1143.2
52.5°	1102.5	1102.5	1086.2	1080.8	1075.3
55°	1042.8	1042.8	1023.7	1012.9	1007.5
57.5°	980.3	974.9	953.1	942.3	939.6
60°	917.8	904.3	877.1	869.0	863.5
62.5°	841.8	830.9	798.4	795.6	795.6
65°	765.8	752.2	719.6	719.6	716.9
67.5°	687.0	670.7	640.9	640.9	640.9
70°	600.1	583.8	556.7	559.4	562.1
72.5°	515.9	496.9	472.5	475.2	477.9
75°	426.3	407.3	388.3	393.7	393.7
77.5°	331.3	320.4	304.1	306.9	312.3
80°	247.1	233.5	217.2	222.7	220.0
82.5°	162.9	149.4	141.2	138.5	138.5
85°	92.3	84.2	76.0	62.5	51.6
87.5°	40.7	29.9	10.9	8.1	5.4
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)