

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: P302050

Luminaire Tested: **RX-WO-60L935-UNV-14-STD**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P302050  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1902-133-1)  
Test Lab: INNOVATION CENTER  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: CORELITE  
Catalog Number: RX-WO-60L935-UNV-14-STD  
Description: CORELITE CLASS RX 1X4 LED LUMINAIRE.  
ROUND LENS  
Light Source: (196)3500K CCT, 90 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

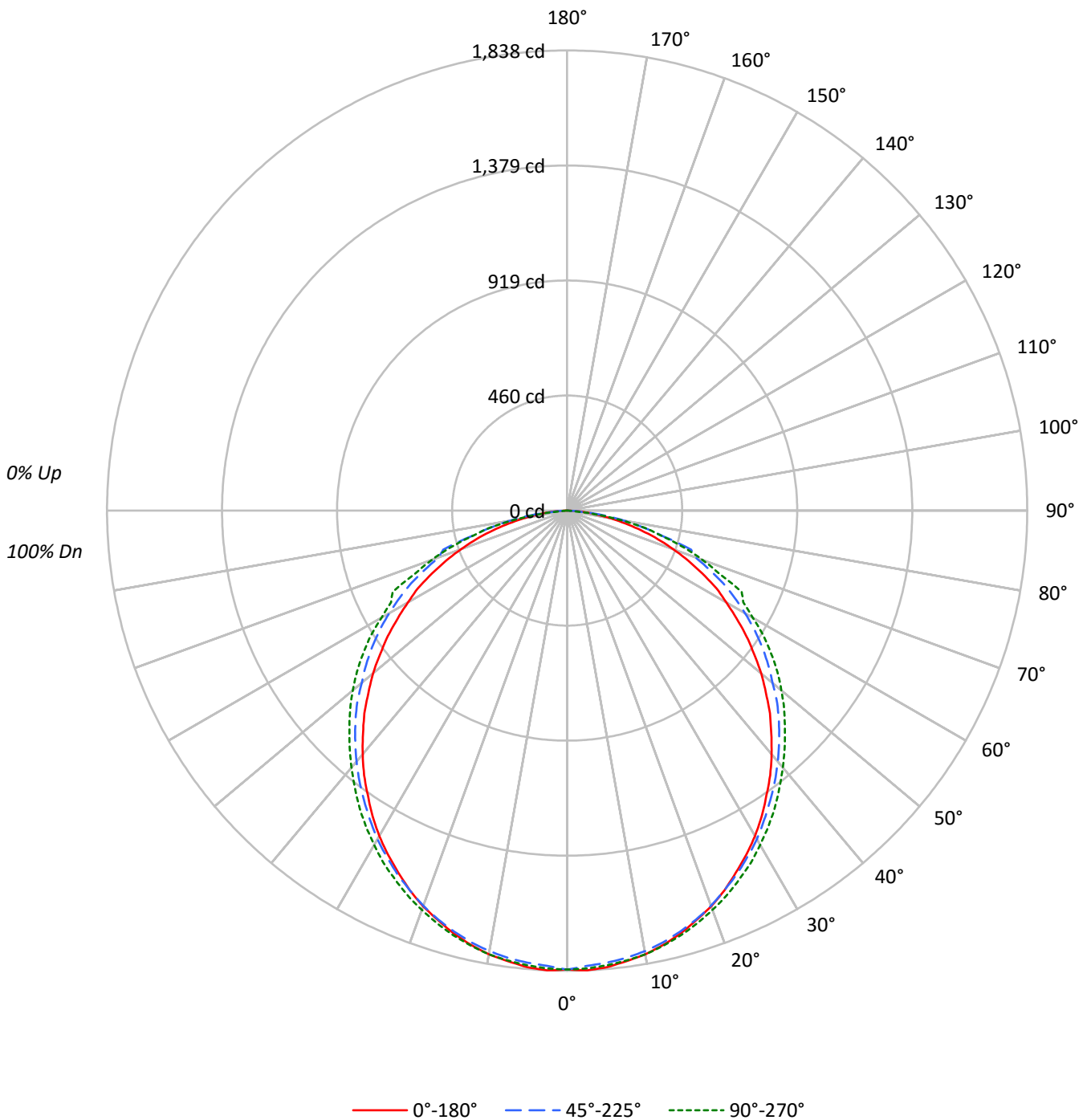
Lumens per Lamp: N/A  
Luminaire Lumens: 5212.2 lumens  
Efficiency: N/A  
Efficacy: 107.9 lumens/watt  
Spacing Criteria (0/90/45): 1.22 / 1.25 / 1.36  
Luminous Opening: Rectangular (W 1' x L: 4' x H: 0')  
CIE Type: Direct

Input Watts (W): 48.3  
Input Voltage (V): 120  
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	109	104	99	96	106	102	98	94	97	94	91	93	91	88	90	88	86	83
2	99	90	83	77	96	88	82	77	85	79	75	81	77	73	78	75	71	69
3	90	79	71	64	87	77	70	64	74	68	62	72	66	61	69	64	60	58
4	82	70	61	54	80	69	60	54	66	59	53	64	57	52	61	56	52	49
5	75	62	53	47	73	61	53	46	59	52	46	57	50	45	55	49	45	43
6	70	56	47	41	68	55	47	40	53	46	40	52	45	40	50	44	39	37
7	65	51	42	36	63	50	42	36	48	41	35	47	40	35	46	40	35	33
8	60	46	38	32	58	46	38	32	44	37	32	43	36	31	42	36	31	29
9	56	43	34	29	55	42	34	29	41	34	28	40	33	28	39	33	28	26
10	53	39	31	26	51	39	31	26	38	31	26	37	30	26	36	30	26	24

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

	0°	45°	90°
0°	4933	4933	4933
5°	4945	4897	4924
10°	4918	4883	4918
15°	4872	4851	4893
20°	4818	4810	4861
25°	4737	4760	4828
30°	4663	4711	4790
35°	4561	4644	4754
40°	4464	4598	4706
45°	4359	4553	4680
50°	4238	4484	4677
55°	4102	4462	4666
60°	3949	4417	4610
65°	3793	4379	4900
70°	3541	4285	4526
75°	3190	4146	4067
80°	2695	3566	3367
85°	1973	1735	633



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	173.1	3.3
10°-20°	493.4	9.5
20°-30°	741.7	14.2
30°-40°	887.2	17.0
40°-50°	919.9	17.6
50°-60°	843.6	16.2
60°-70°	671.0	12.9
70°-80°	398.7	7.6
80°-90°	83.6	1.6
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°	1408.2	27.0
0°-40°	2295.4	44.0
0°-60°	4058.8	77.9
0°-90°	5212.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	5212.2	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	1833	1833	1833	1833	1833	
5°	1831	1826	1813	1826	1823	174
15°	1749	1746	1741	1756	1756	493
25°	1595	1598	1603	1626	1626	736
35°	1388	1396	1414	1442	1447	869
45°	1145	1163	1196	1222	1230	882
55°	874	905	951	989	994	781
65°	596	632	688	716	770	590
75°	307	350	399	396	391	326
85°	64	79	56	31	20	78
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	1833.1	1833.1	1833.1	1833.1	1833.1
2.5°	1838.2	1833.1	1820.3	1833.1	1830.6
5°	1830.6	1825.5	1812.7	1825.5	1822.9
7.5°	1815.2	1812.7	1802.4	1815.2	1812.7
10°	1799.9	1794.8	1787.1	1799.9	1799.9
12.5°	1776.9	1771.8	1766.7	1782.0	1779.4
15°	1748.8	1746.2	1741.1	1756.4	1756.4
17.5°	1715.5	1715.5	1713.0	1728.3	1728.3
20°	1682.3	1679.7	1679.7	1697.6	1697.6
22.5°	1641.4	1641.4	1641.4	1664.4	1664.4
25°	1595.4	1597.9	1603.0	1626.0	1626.0
27.5°	1549.3	1554.5	1559.6	1582.6	1587.7
30°	1500.8	1503.3	1516.1	1539.1	1541.7
32.5°	1447.1	1452.2	1465.0	1490.5	1495.6
35°	1388.3	1395.9	1413.8	1442.0	1447.1
37.5°	1332.0	1342.2	1362.7	1390.8	1393.4
40°	1270.7	1283.4	1309.0	1334.6	1339.7
42.5°	1206.7	1222.1	1252.8	1280.9	1286.0
45°	1145.4	1163.3	1196.5	1222.1	1229.8
47.5°	1076.4	1096.8	1137.7	1168.4	1176.1
50°	1012.4	1032.9	1071.2	1109.6	1117.3
52.5°	940.9	969.0	1012.4	1050.8	1058.5
55°	874.4	905.1	951.1	989.4	994.5
57.5°	802.8	836.0	887.2	923.0	930.6
60°	733.8	769.6	820.7	853.9	856.5
62.5°	672.4	703.1	754.2	784.9	792.6
65°	595.7	631.5	687.7	715.9	769.6
67.5°	524.1	559.9	613.6	708.2	657.1
70°	450.0	490.9	544.6	570.1	575.2
72.5°	380.9	421.8	519.0	490.9	488.3
75°	306.8	350.3	398.8	396.3	391.2
77.5°	237.8	283.8	311.9	314.5	314.5
80°	173.9	230.1	230.1	230.1	217.3
82.5°	112.5	148.3	148.3	127.8	115.0
85°	63.9	79.3	56.2	30.7	20.5
87.5°	23.0	17.9	5.1	5.1	2.6
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)