

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: P737908

Luminaire Tested: **14PT-60-PL1-L935**

Issue Date: 2/8/2024



**Test Information**

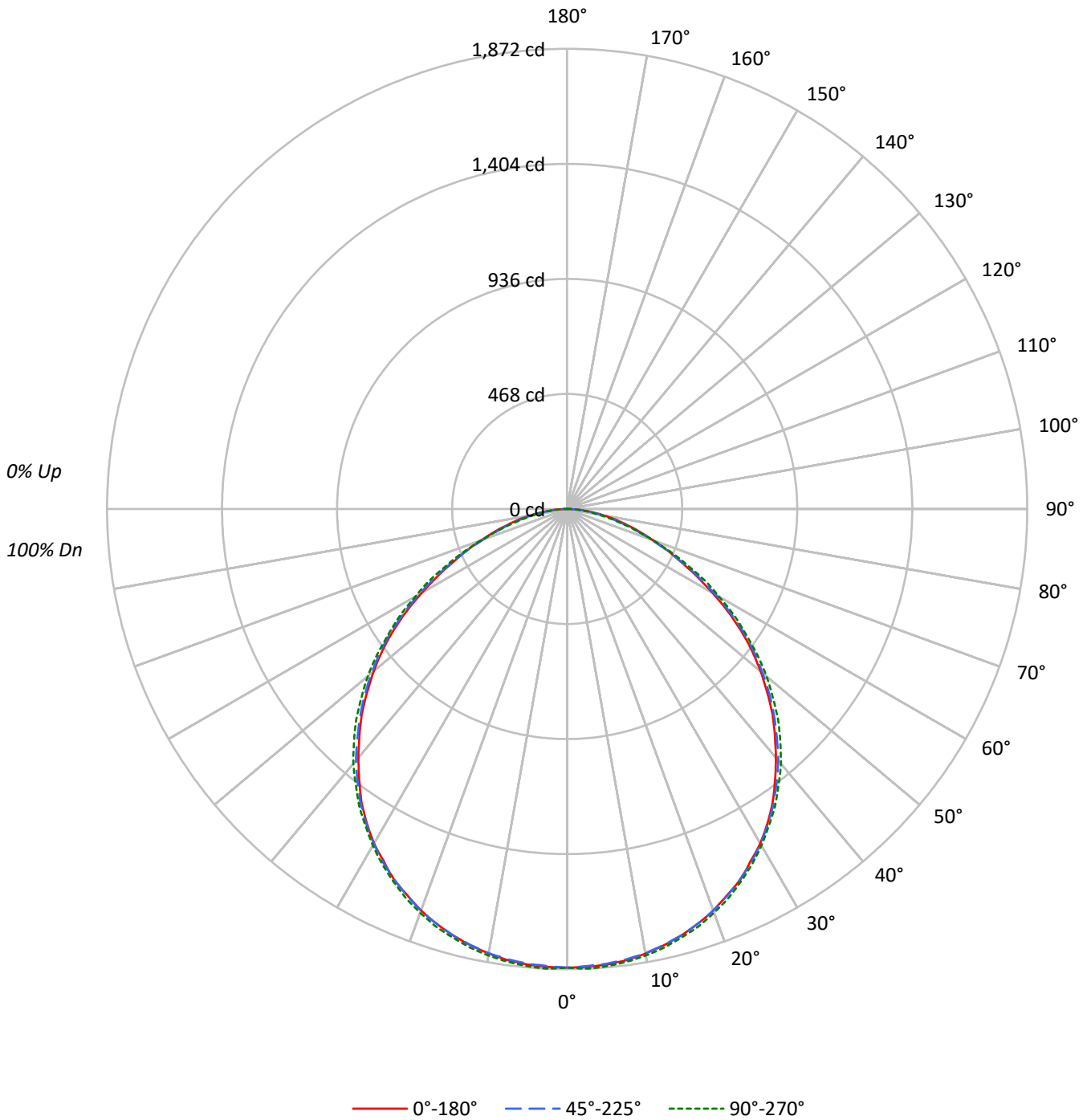
Test Method: LM-79-08  
Report Number: P737908  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2211-846-10)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 2/8/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: CORELITE  
Catalog Number: 14PT-60-PL1-L935  
Description: 6000 LUMEN 1X4 PERCEIVE PT TROFFER WITH 3500K, 90 CRI LEDS AND LEAVES LENS  
  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 4918.0 lumens  
Efficiency: N/A  
Efficacy: 98.8 lumens/watt  
Spacing Criteria (0/90/45): 1.25 / 1.26 / 1.35  
Luminous Opening: Rectangular (W 0.92' x L: 3.92' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 49.8  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): 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	105	101	97	107	103	99	96	98	95	93		94	92	90		91	89	87	85
2	100	92	86	80	97	90	84	79	87	82	77		83	79	75		80	77	74	72
3	91	81	73	67	89	80	72	66	77	70	65		74	69	64		71	67	63	61
4	84	72	64	57	82	71	63	57	68	61	56		66	60	55		64	59	55	52
5	77	65	56	49	75	64	55	49	61	54	49		60	53	48		58	52	48	46
6	71	58	50	43	69	57	49	43	56	48	43		54	47	42		52	47	42	40
7	66	53	44	38	65	52	44	38	51	43	38		49	43	38		48	42	37	35
8	62	48	40	34	60	48	40	34	46	39	34		45	39	34		44	38	34	32
9	58	44	36	31	56	44	36	31	43	36	31		42	35	30		41	35	30	29
10	54	41	33	28	53	41	33	28	40	33	28		39	32	28		38	32	28	26

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

	0°	45°	90°
0°	5594	5594	5594
5°	5598	5588	5619
10°	5591	5585	5616
15°	5574	5572	5600
20°	5547	5547	5577
25°	5508	5502	5531
30°	5439	5447	5473
35°	5336	5356	5399
40°	5170	5229	5297
45°	5009	5050	5146
50°	4788	4840	4936
55°	4509	4581	4636
60°	4091	4178	4282
65°	3634	3673	3820
70°	3248	3181	3260
75°	2931	2763	2706
80°	2661	2471	2196
85°	2260	2043	1761



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	177.0	3.6
10°-20°	507.6	10.3
20°-30°	767.8	15.6
30°-40°	915.2	18.6
40°-50°	920.3	18.7
50°-60°	781.0	15.9
60°-70°	520.0	10.6
70°-80°	259.7	5.3
80°-90°	69.5	1.4
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°	1452.4	29.5
0°-40°	2367.5	48.1
0°-60°	4068.8	82.7
0°-90°	4918.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	4918.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	1866	1866	1866	1866	1866	
5°	1860	1861	1857	1865	1867	177
15°	1796	1798	1795	1803	1804	507
25°	1665	1665	1663	1671	1672	766
35°	1458	1459	1463	1474	1475	909
45°	1181	1183	1191	1207	1214	909
55°	863	869	876	885	887	769
65°	512	516	518	525	538	513
75°	253	250	238	233	234	272
85°	66	64	59	56	51	76
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	1865.7	1865.7	1865.7	1865.7	1865.7
2.5°	1864.3	1865.7	1860.8	1869.8	1871.9
5°	1860.1	1860.8	1856.7	1865.0	1867.0
7.5°	1851.1	1851.8	1847.7	1856.7	1858.1
10°	1836.6	1838.0	1834.6	1842.8	1844.9
12.5°	1818.0	1820.0	1816.6	1825.6	1827.0
15°	1795.8	1797.9	1795.2	1802.8	1804.1
17.5°	1768.9	1770.3	1768.9	1775.8	1779.9
20°	1738.5	1738.5	1738.5	1744.7	1748.1
22.5°	1700.5	1703.9	1702.5	1710.8	1714.3
25°	1665.2	1665.2	1663.1	1670.7	1672.1
27.5°	1616.1	1621.7	1621.0	1627.9	1629.3
30°	1571.2	1572.6	1573.3	1578.1	1580.9
32.5°	1516.6	1518.0	1520.0	1527.0	1527.6
35°	1457.8	1459.2	1463.4	1473.7	1475.1
37.5°	1389.4	1397.0	1400.5	1411.5	1412.9
40°	1321.0	1325.8	1336.2	1347.9	1353.5
42.5°	1251.1	1256.7	1262.9	1278.8	1283.6
45°	1181.3	1183.4	1191.0	1206.9	1213.8
47.5°	1103.9	1110.1	1117.0	1130.9	1135.0
50°	1026.5	1033.4	1037.6	1050.0	1058.3
52.5°	948.4	954.6	959.4	967.0	975.3
55°	862.7	868.9	876.5	884.8	886.9
57.5°	775.6	782.5	787.3	796.3	805.3
60°	682.3	689.9	696.8	705.1	714.1
62.5°	595.2	598.6	605.5	619.4	632.5
65°	512.2	516.4	517.7	525.3	538.5
67.5°	443.1	443.1	436.9	439.6	454.1
70°	370.5	367.7	362.9	360.1	371.9
72.5°	311.7	308.3	297.9	293.1	299.3
75°	253.0	249.5	238.5	232.9	233.6
77.5°	203.2	197.7	188.7	179.0	177.0
80°	154.1	152.1	143.1	134.1	127.2
82.5°	109.2	104.4	99.5	94.0	88.5
85°	65.7	64.3	59.4	56.0	51.2
87.5°	27.0	27.0	25.6	24.2	22.8
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)