

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: P738299

Luminaire Tested: **22PT-60-PP3-L930**

Issue Date: 2/8/2024



**Test Information**

Test Method: LM-79-08  
Report Number: P738299  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P412714)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/8/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: CORELITE  
Catalog Number: 22PT-60-PP3-L930  
Description: 6000 LUMEN 2X2 PERCEIVE PT TROFFER WITH 3000K, 90 CRI LEDS AND PRISM LENS

Light Source: -  
Ballast/Driver: -

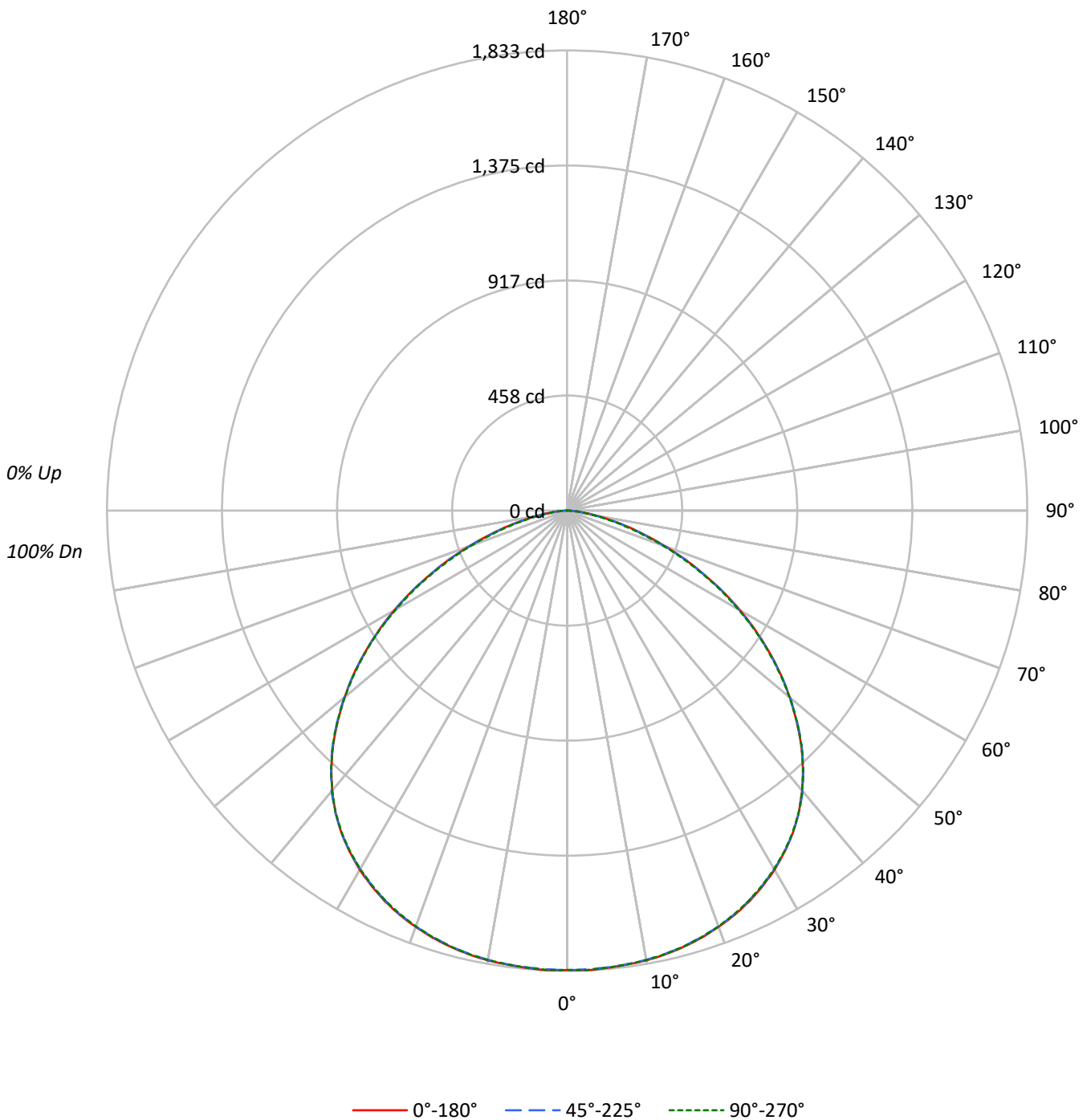
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 5251.0 lumens  
Efficiency: N/A  
Efficacy: 101.4 lumens/watt  
Spacing Criteria (0/90/45): 1.33 / 1.33 / 1.43  
Luminous Opening: Rectangular (W 1.92' x L: 1.92' x H: 0')  
CIE Type: Direct

Input Watts (W): 51.8  
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	109	105	101	97	107	103	99	96	98	95	93	95	92	90	91	89	87	85
2	100	92	85	80	97	90	84	79	87	81	77	83	79	75	80	77	74	72
3	91	81	73	67	89	79	72	66	76	70	65	74	68	64	71	67	63	61
4	84	72	63	57	81	70	62	56	68	61	55	66	60	55	64	58	54	52
5	77	64	55	49	75	63	55	49	61	54	48	59	53	47	57	51	47	45
6	71	58	49	43	69	57	48	42	55	48	42	53	47	42	52	46	41	39
7	66	52	44	38	64	52	43	37	50	43	37	49	42	37	47	41	37	35
8	61	48	39	33	60	47	39	33	46	38	33	44	38	33	43	37	33	31
9	57	44	36	30	56	43	35	30	42	35	30	41	34	30	40	34	29	28
10	53	40	32	27	52	40	32	27	39	32	27	38	31	27	37	31	27	25

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

	0°	45°	90°
0°	5363	5363	5363
5°	5380	5372	5376
10°	5413	5405	5409
15°	5455	5450	5450
20°	5503	5497	5496
25°	5552	5542	5542
30°	5591	5580	5578
35°	5607	5607	5600
40°	5570	5582	5570
45°	5460	5475	5467
50°	5276	5284	5270
55°	5023	5010	5001
60°	4663	4652	4616
65°	4165	4161	4113
70°	3560	3538	3460
75°	2837	2753	2669
80°	2021	1981	1876
85°	1314	1314	1274



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	174.1	3.3
10°-20°	507.7	9.7
20°-30°	790.5	15.1
30°-40°	978.4	18.6
40°-50°	1014.6	19.3
50°-60°	874.5	16.7
60°-70°	594.5	11.3
70°-80°	266.0	5.1
80°-90°	50.7	1.0
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°	1472.3	28.0
0°-40°	2450.7	46.7
0°-60°	4339.7	82.6
0°-90°	5251.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	5251.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	1830	1830	1830	1830	1830	
5°	1829	1825	1827	1826	1828	174
15°	1798	1795	1797	1795	1797	508
25°	1717	1715	1714	1713	1714	792
35°	1567	1566	1567	1565	1566	979
45°	1318	1316	1321	1318	1319	1014
55°	983	980	981	979	979	877
65°	601	606	600	598	593	596
75°	251	251	243	242	236	270
85°	39	40	39	38	38	51
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	1830.2	1830.2	1830.2	1830.2	1830.2
2.5°	1832.7	1829.0	1829.0	1829.6	1831.5
5°	1829.0	1825.4	1826.6	1825.9	1827.8
7.5°	1824.2	1821.1	1823.0	1821.6	1823.0
10°	1819.2	1816.1	1816.8	1816.1	1818.0
12.5°	1810.6	1807.0	1808.2	1808.2	1808.9
15°	1798.4	1795.4	1796.6	1795.4	1796.6
17.5°	1783.7	1780.1	1780.8	1780.1	1781.3
20°	1764.9	1762.5	1763.0	1761.8	1762.5
22.5°	1743.4	1740.4	1741.0	1739.8	1739.8
25°	1717.2	1714.6	1714.1	1713.4	1714.1
27.5°	1686.5	1683.6	1683.6	1682.9	1682.9
30°	1652.4	1649.3	1649.3	1648.7	1648.7
32.5°	1612.0	1610.8	1611.5	1610.3	1609.6
35°	1567.4	1565.5	1567.4	1565.0	1565.5
37.5°	1515.5	1513.1	1516.7	1514.3	1514.8
40°	1456.2	1455.0	1459.3	1457.4	1456.2
42.5°	1390.2	1390.2	1392.1	1392.6	1391.4
45°	1317.6	1316.4	1321.2	1318.1	1319.3
47.5°	1239.2	1237.5	1241.1	1240.4	1239.9
50°	1157.5	1156.1	1159.2	1156.1	1156.1
52.5°	1072.5	1071.8	1072.5	1069.4	1068.7
55°	983.2	979.6	980.8	978.9	978.9
57.5°	890.3	886.0	886.7	886.0	886.7
60°	795.7	794.3	793.8	790.7	787.7
62.5°	698.5	699.7	699.1	694.8	691.7
65°	600.7	605.7	600.2	598.3	593.3
67.5°	508.5	510.2	506.6	502.3	496.8
70°	415.6	419.2	413.0	408.7	403.9
72.5°	327.0	329.4	323.9	321.5	315.3
75°	250.6	251.2	243.2	242.0	235.8
77.5°	178.4	180.8	174.8	174.8	168.6
80°	119.8	124.1	117.4	115.5	111.2
82.5°	75.2	75.7	73.9	72.2	70.3
85°	39.1	40.3	39.1	37.9	37.9
87.5°	14.7	15.3	14.7	14.1	14.7
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)