

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: P738277

Luminaire Tested: **22PT-60-PB1-L940**

Issue Date: 2/8/2024



**Test Information**

Test Method: LM-79-08  
Report Number: P738277  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2212-851-6)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 2/8/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: CORELITE  
Catalog Number: 22PT-60-PB1-L940  
Description: 6000 LUMEN 2X2 PERCEIVE PT TROFFER WITH 4000K, 90 CRI LEDS AND BEVEL LENS

Light Source: -  
Ballast/Driver: -

**Summary**

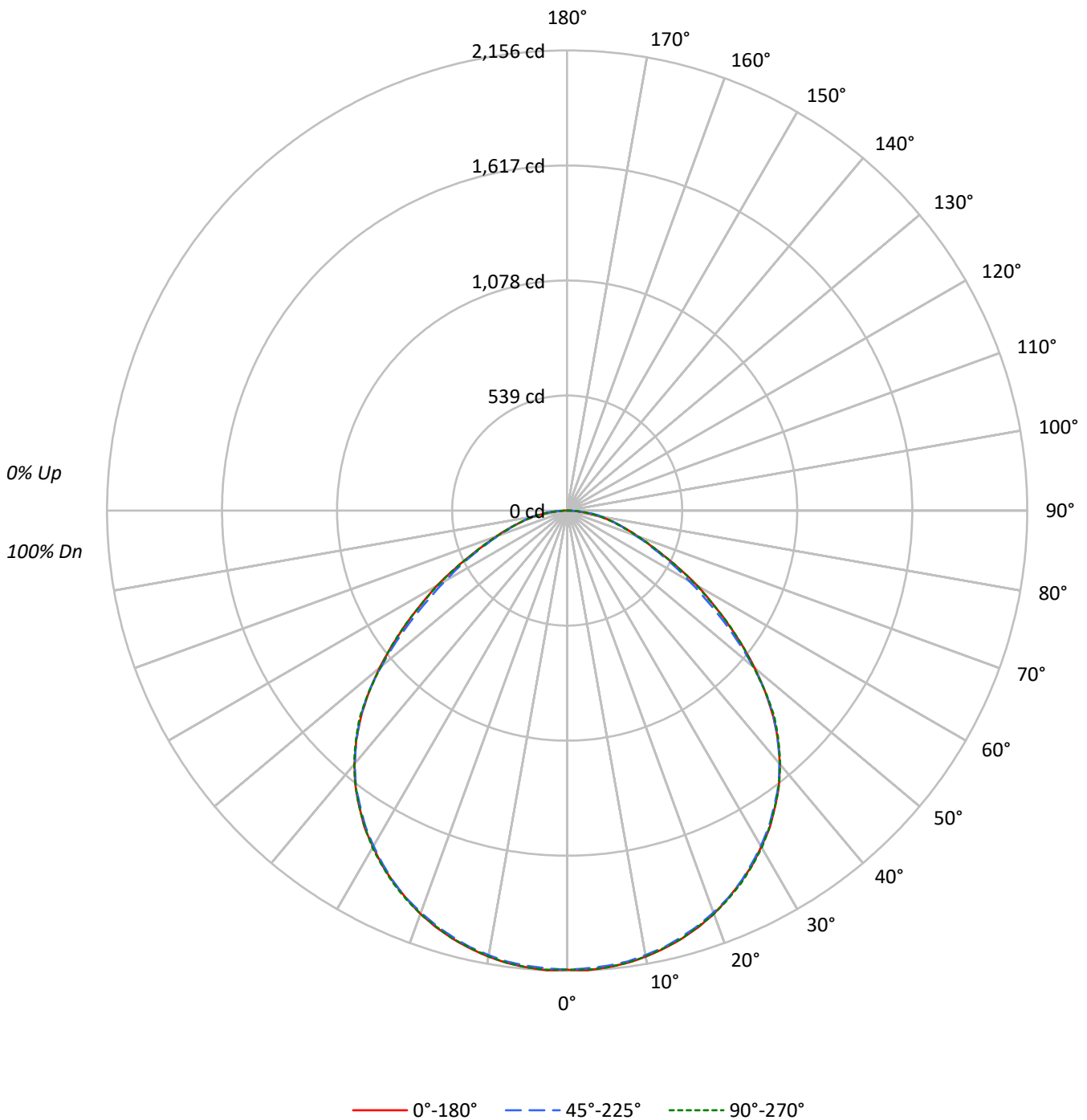
Lumens per Lamp: N/A  
Luminaire Lumens: 5423.0 lumens  
Efficiency: N/A  
Efficacy: 104.7 lumens/watt  
Spacing Criteria (0/90/45): 1.26 / 1.26 / 1.35  
Luminous Opening: Rectangular (W 1.92' x L: 1.92' x H: 0')  
CIE Type: Direct

Input Watts (W): 51.8  
Input Voltage (V): NR  
Input Current (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	110	105	101	98	107	103	99	96	99	96	93		95	92	90		91	89	88	86
2	100	93	86	81	98	91	85	80	87	82	78		84	80	76		81	78	75	73
3	92	82	74	68	90	81	73	68	78	72	67		75	70	65		72	68	64	62
4	85	73	65	59	82	72	64	58	69	63	57		67	61	57		65	60	56	54
5	78	66	57	51	76	65	57	51	63	55	50		61	54	50		59	53	49	47
6	72	59	51	45	70	59	50	44	57	50	44		55	49	44		54	48	43	41
7	67	54	46	40	65	53	45	40	52	45	39		50	44	39		49	43	39	37
8	63	49	41	36	61	49	41	35	47	40	35		46	40	35		45	39	35	33
9	58	45	37	32	57	45	37	32	44	37	32		43	36	32		42	36	31	30
10	55	42	34	29	54	41	34	29	40	34	29		40	33	29		39	33	29	27

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

	0°	45°	90°
0°	6302	6302	6302
5°	6319	6298	6319
10°	6314	6293	6311
15°	6299	6275	6296
20°	6268	6249	6271
25°	6216	6210	6230
30°	6153	6138	6171
35°	6070	6049	6070
40°	5929	5916	5936
45°	5663	5674	5696
50°	5229	5185	5193
55°	4672	4516	4690
60°	4124	3874	4099
65°	3455	3346	3455
70°	2996	2914	3011
75°	2732	2771	2732
80°	2566	2789	2582
85°	2232	2733	2293



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	204.0	3.8
10°-20°	584.9	10.8
20°-30°	885.6	16.3
30°-40°	1059.2	19.5
40°-50°	1048.8	19.3
50°-60°	806.4	14.9
60°-70°	491.0	9.1
70°-80°	259.9	4.8
80°-90°	83.2	1.5
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°	1674.5	30.9
0°-40°	2733.7	50.4
0°-60°	4588.9	84.6
0°-90°	5423.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	5423.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	2151	2151	2151	2151	2151	
5°	2148	2147	2141	2145	2148	204
15°	2077	2073	2069	2073	2076	586
25°	1923	1921	1921	1924	1927	886
35°	1697	1695	1691	1696	1697	1061
45°	1367	1368	1369	1370	1374	1048
55°	915	902	884	900	918	820
65°	498	486	483	482	498	504
75°	241	241	245	243	241	259
85°	66	76	81	77	68	76
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	2150.9	2150.9	2150.9	2150.9	2150.9
2.5°	2156.1	2152.6	2146.5	2150.9	2153.5
5°	2148.3	2147.4	2141.3	2144.8	2148.3
7.5°	2138.6	2136.0	2131.6	2135.1	2137.8
10°	2122.0	2120.3	2115.0	2119.4	2121.2
12.5°	2101.0	2099.3	2095.8	2099.3	2098.4
15°	2076.6	2073.1	2068.7	2073.1	2075.7
17.5°	2046.0	2042.5	2039.0	2041.6	2043.3
20°	2010.1	2004.9	2004.0	2007.5	2011.0
22.5°	1967.3	1967.3	1966.4	1969.0	1970.8
25°	1922.7	1920.9	1920.9	1923.6	1927.0
27.5°	1874.6	1871.1	1869.3	1873.7	1876.3
30°	1818.6	1817.8	1814.3	1821.3	1823.9
32.5°	1764.4	1755.7	1757.4	1760.9	1761.8
35°	1697.1	1695.3	1691.0	1696.2	1697.1
37.5°	1628.9	1628.0	1625.4	1627.2	1628.0
40°	1550.2	1549.3	1546.7	1550.2	1552.0
42.5°	1462.8	1461.0	1461.0	1463.6	1466.3
45°	1366.6	1367.5	1369.2	1370.1	1374.5
47.5°	1259.1	1260.8	1262.5	1260.8	1261.7
50°	1147.1	1146.3	1137.5	1143.6	1139.3
52.5°	1029.1	1016.0	1009.0	1023.0	1032.6
55°	914.6	902.3	884.0	899.7	918.1
57.5°	804.4	783.4	764.2	782.5	800.9
60°	703.8	671.5	661.0	672.4	699.5
62.5°	596.3	573.6	570.1	571.8	595.4
65°	498.4	486.1	482.6	481.8	498.4
67.5°	417.9	410.1	405.7	409.2	419.7
70°	349.7	346.2	340.1	346.2	351.5
72.5°	293.8	292.9	287.7	292.9	291.2
75°	241.3	241.3	244.8	243.1	241.3
77.5°	196.7	198.5	204.6	199.3	194.1
80°	152.1	156.5	165.3	157.4	153.0
82.5°	108.4	118.0	127.7	118.0	111.9
85°	66.4	76.1	81.3	76.9	68.2
87.5°	28.9	34.1	35.8	33.2	28.9
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)