

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: P738307

Luminaire Tested: **22PT-60-PR1-L930**

Issue Date: 2/8/2024



**Test Information**

Test Method: LM-79-08  
Report Number: P738307  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P506224)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/8/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: CORELITE  
Catalog Number: 22PT-60-PR1-L930  
Description: 6000 LUMEN 2X2 PERCEIVE PT TROFFER WITH 3000K, 90 CRI LEDS AND RIPLE LENS

Light Source: -  
Ballast/Driver: -

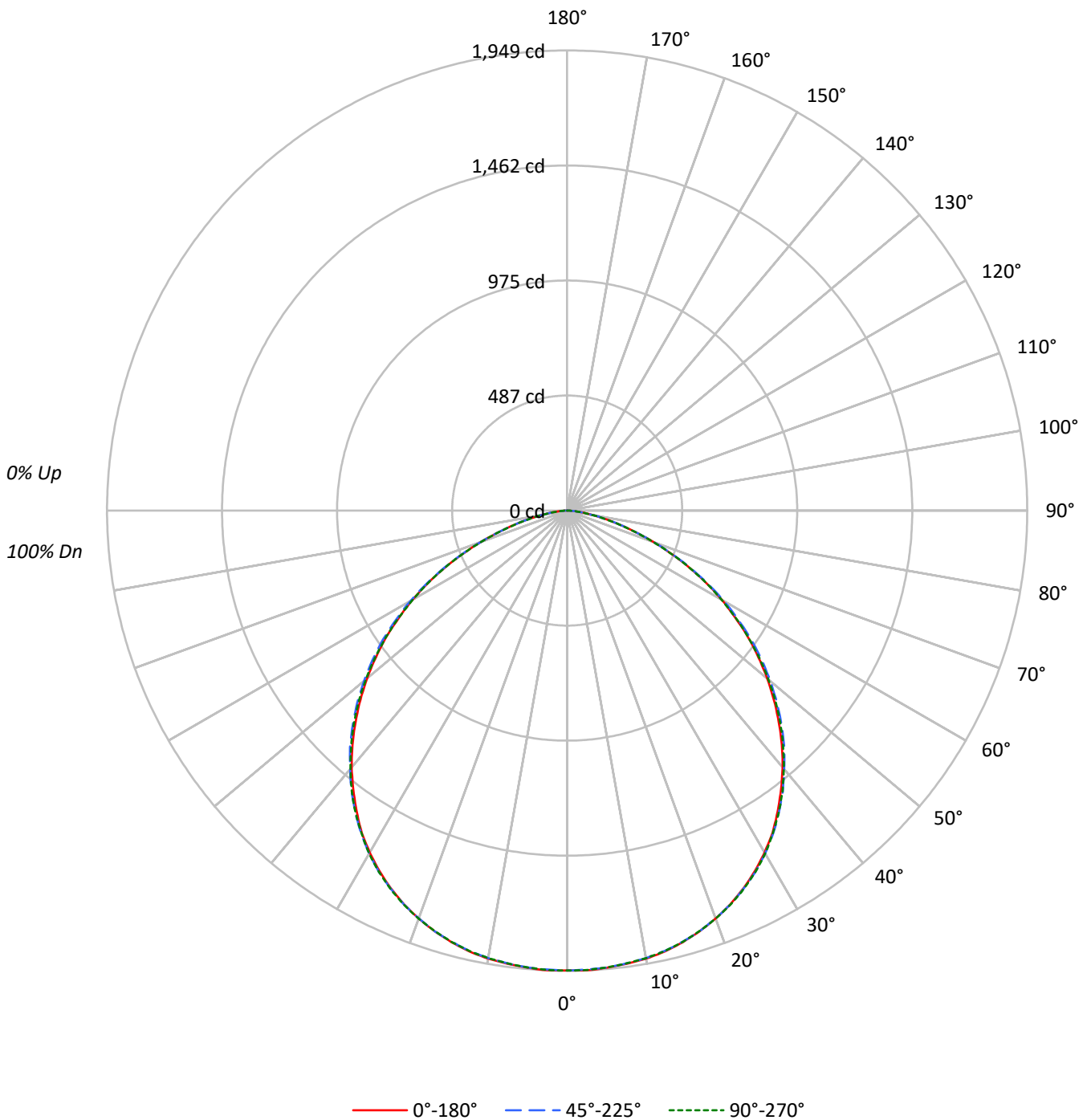
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 5205.0 lumens  
Efficiency: N/A  
Efficacy: 100.5 lumens/watt  
Spacing Criteria (0/90/45): 1.27 / 1.27 / 1.37  
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	110	105	101	98	107	103	99	96	99	96	93		95	92	90		91	89	88	85
2	100	92	86	80	98	90	85	80	87	82	78		84	80	76		81	77	74	72
3	92	81	74	67	89	80	73	67	77	71	66		74	69	65		72	67	63	61
4	84	72	64	57	82	71	63	57	69	62	56		66	60	56		64	59	55	53
5	77	65	56	50	75	64	56	49	62	54	49		60	53	48		58	52	48	46
6	71	58	50	43	70	58	49	43	56	48	43		54	48	43		52	47	42	40
7	66	53	44	38	65	52	44	38	51	43	38		49	43	38		48	42	37	36
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	31		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°	5707	5707	5707
5°	5716	5712	5712
10°	5734	5726	5726
15°	5741	5735	5737
20°	5733	5731	5735
25°	5708	5714	5719
30°	5657	5674	5677
35°	5561	5592	5589
40°	5432	5469	5462
45°	5253	5321	5294
50°	5041	5117	5076
55°	4785	4861	4791
60°	4435	4496	4420
65°	3957	3998	3952
70°	3329	3329	3307
75°	2608	2608	2580
80°	1910	1888	1880
85°	1247	1247	1271



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	184.8	3.6
10°-20°	533.8	10.3
20°-30°	814.2	15.6
30°-40°	975.8	18.7
40°-50°	985.5	18.9
50°-60°	843.2	16.2
60°-70°	568.6	10.9
70°-80°	250.9	4.8
80°-90°	48.2	0.9
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°	1532.8	29.4
0°-40°	2508.6	48.2
0°-60°	4337.4	83.3
0°-90°	5205.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	5205.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	1948	1948	1948	1948	1948	
5°	1943	1941	1942	1941	1942	185
15°	1892	1892	1891	1890	1891	534
25°	1766	1768	1768	1768	1769	813
35°	1555	1564	1563	1562	1563	972
45°	1268	1278	1284	1282	1278	977
55°	937	945	952	950	938	834
65°	571	575	577	575	570	564
75°	230	231	230	231	228	251
85°	37	37	37	38	38	48
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	1947.9	1947.9	1947.9	1947.9	1947.9
2.5°	1949.2	1946.6	1945.9	1945.3	1947.9
5°	1943.3	1940.7	1942.0	1940.7	1942.0
7.5°	1936.2	1933.6	1934.3	1932.8	1934.3
10°	1927.2	1924.4	1924.4	1923.1	1924.4
12.5°	1912.7	1910.8	1910.1	1908.8	1910.8
15°	1892.5	1891.9	1890.6	1889.9	1891.2
17.5°	1867.9	1866.6	1867.9	1865.9	1867.2
20°	1838.5	1839.3	1838.0	1838.5	1839.3
22.5°	1805.3	1805.3	1806.1	1806.1	1807.4
25°	1765.7	1767.5	1767.5	1767.5	1769.0
27.5°	1721.5	1724.1	1725.9	1724.6	1725.9
30°	1672.0	1676.5	1677.1	1676.5	1677.8
32.5°	1618.6	1621.9	1623.7	1622.4	1621.1
35°	1554.7	1563.9	1563.3	1561.9	1562.6
37.5°	1487.8	1496.9	1500.0	1497.5	1498.2
40°	1420.1	1427.9	1429.8	1430.5	1427.9
42.5°	1345.2	1354.4	1361.5	1358.2	1354.4
45°	1267.8	1277.5	1284.1	1282.1	1277.5
47.5°	1187.8	1196.8	1205.9	1202.6	1198.2
50°	1105.8	1114.8	1122.6	1121.4	1113.5
52.5°	1021.7	1032.2	1039.4	1036.8	1026.3
55°	936.6	945.0	951.5	950.2	937.9
57.5°	844.1	855.1	858.5	856.4	847.4
60°	756.8	764.1	767.3	764.7	754.2
62.5°	663.8	669.7	672.2	671.7	664.5
65°	570.8	575.4	576.6	575.4	570.0
67.5°	475.2	481.6	482.3	482.3	477.0
70°	388.6	390.4	388.6	393.7	386.0
72.5°	304.6	305.8	304.6	304.6	301.3
75°	230.4	231.0	230.4	231.0	227.9
77.5°	166.6	167.9	165.3	167.3	164.0
80°	113.2	113.2	111.9	112.7	111.4
82.5°	70.3	71.6	69.7	69.7	69.0
85°	37.1	37.1	37.1	37.8	37.8
87.5°	13.0	13.0	13.6	13.6	13.0
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)