

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: P737934

Luminaire Tested: **14PT-60-PW1-L950**

Issue Date: 2/8/2024



**Test Information**

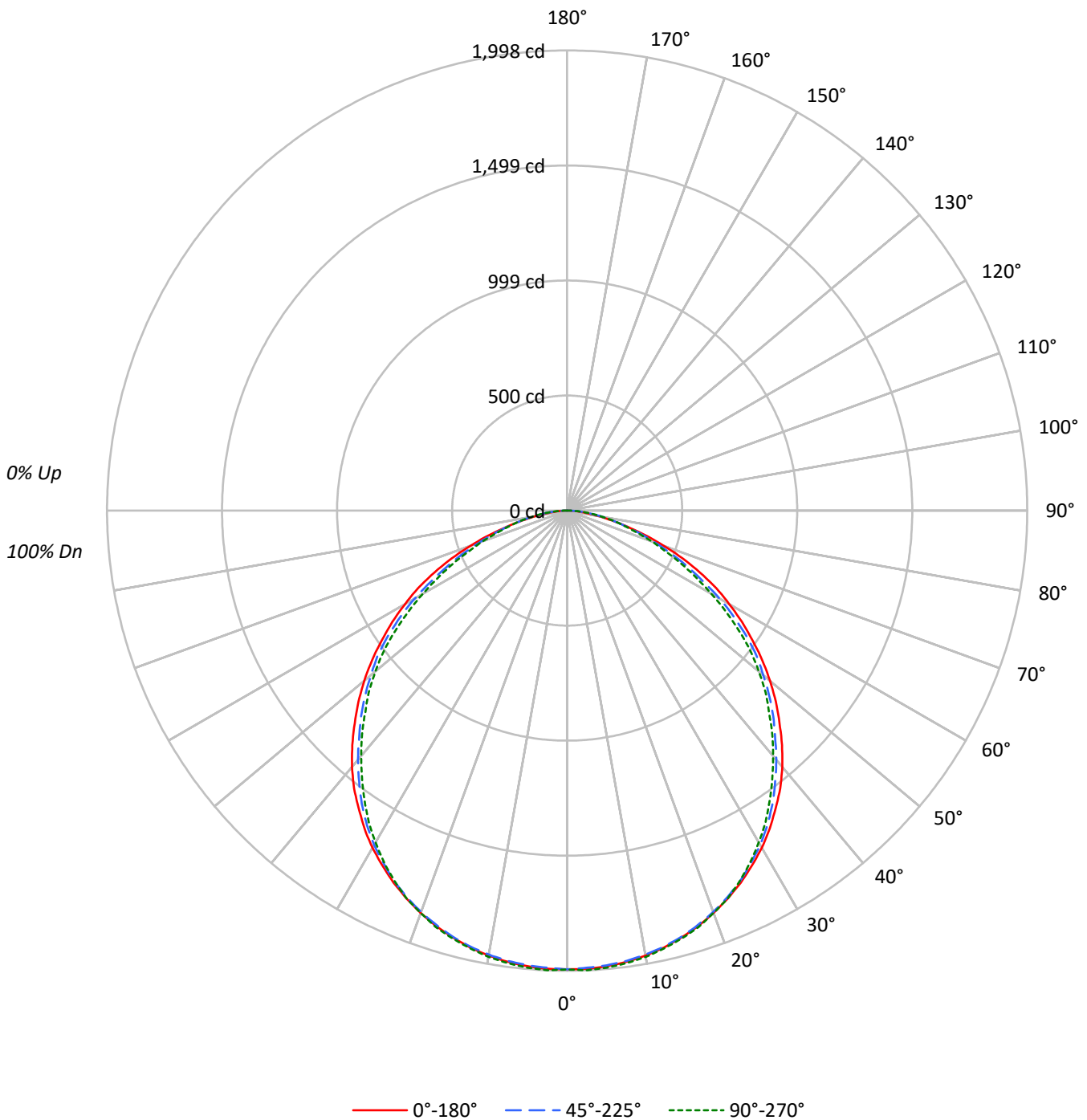
Test Method: LM-79-08  
Report Number: P737934  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2211-846-9)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 2/8/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: CORELITE  
Catalog Number: 14PT-60-PW1-L950  
Description: 6000 LUMEN 1X4 PERCEIVE PT TROFFER WITH 5000K, 90 CRI LEDS AND WAVES LENS  
  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 5286.0 lumens  
Efficiency: N/A  
Efficacy: 106.1 lumens/watt  
Spacing Criteria (0/90/45): 1.26 / 1.24 / 1.34  
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	95	98	95	92	94	92	90	91	89	87	85
2	100	92	85	80	97	90	84	79	86	81	77	83	79	75	80	77	74	71
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	71	63	57	68	61	56	66	60	55	64	59	54	52
5	77	64	56	49	75	63	55	49	61	54	48	59	53	48	57	52	47	45
6	71	58	49	43	69	57	49	43	55	48	42	54	47	42	52	46	42	40
7	66	53	44	38	64	52	44	38	50	43	38	49	42	37	48	42	37	35
8	62	48	40	34	60	47	40	34	46	39	34	45	38	34	44	38	33	31
9	58	44	36	31	56	44	36	31	43	35	30	41	35	30	40	34	30	28
10	54	41	33	28	53	40	33	28	39	32	28	38	32	28	38	32	27	26

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

	0°	45°	90°
0°	5972	5972	5972
5°	5977	5964	5995
10°	5974	5961	5990
15°	5956	5947	5970
20°	5931	5917	5931
25°	5899	5874	5869
30°	5853	5802	5761
35°	5775	5689	5616
40°	5687	5531	5445
45°	5529	5366	5257
50°	5363	5187	5067
55°	5139	4965	4768
60°	4872	4585	4345
65°	4508	4094	3890
70°	3908	3565	3429
75°	3121	3052	2967
80°	2371	2650	2650
85°	1751	2260	2260



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	188.9	3.6
10°-20°	541.8	10.2
20°-30°	818.8	15.5
30°-40°	972.3	18.4
40°-50°	979.6	18.5
50°-60°	846.7	16.0
60°-70°	578.7	10.9
70°-80°	285.4	5.4
80°-90°	73.8	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°	1549.5	29.3
0°-40°	2521.8	47.7
0°-60°	4348.1	82.3
0°-90°	5286.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	5286.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	1992	1992	1992	1992	1992	
5°	1986	1987	1982	1990	1992	189
15°	1919	1921	1916	1923	1923	542
25°	1783	1782	1776	1777	1774	821
35°	1578	1573	1554	1540	1534	988
45°	1304	1290	1266	1251	1240	1007
55°	983	980	950	922	912	879
65°	635	613	577	552	548	627
75°	269	267	264	264	256	294
85°	51	60	66	67	66	62
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	1991.9	1991.9	1991.9	1991.9	1991.9
2.5°	1991.2	1991.9	1986.8	1995.6	1997.8
5°	1986.0	1986.8	1981.6	1989.7	1991.9
7.5°	1976.4	1977.9	1972.0	1980.1	1981.6
10°	1962.4	1963.2	1958.0	1966.1	1967.6
12.5°	1943.2	1944.0	1939.5	1946.9	1946.9
15°	1918.9	1921.1	1915.9	1922.6	1923.3
17.5°	1891.6	1892.3	1887.1	1894.5	1896.0
20°	1859.1	1859.1	1854.7	1860.6	1859.1
22.5°	1822.9	1822.9	1817.8	1820.7	1822.2
25°	1783.1	1781.6	1775.7	1777.2	1774.2
27.5°	1737.3	1737.3	1727.0	1727.0	1721.8
30°	1690.8	1687.1	1676.1	1669.4	1664.2
32.5°	1637.7	1632.5	1618.5	1606.7	1603.0
35°	1577.9	1572.7	1554.3	1540.3	1534.4
37.5°	1520.3	1508.5	1484.2	1470.1	1463.5
40°	1453.2	1438.4	1413.3	1394.1	1391.2
42.5°	1380.8	1369.0	1336.6	1322.5	1318.9
45°	1304.1	1290.1	1265.7	1251.0	1239.9
47.5°	1228.8	1218.5	1190.4	1172.7	1169.0
50°	1149.8	1141.0	1112.2	1093.0	1086.4
52.5°	1067.9	1062.0	1037.7	1013.3	1005.2
55°	983.1	980.1	949.8	921.8	912.2
57.5°	899.7	896.0	858.3	825.9	817.0
60°	812.6	801.5	764.6	734.3	724.7
62.5°	729.9	706.3	666.4	642.8	631.8
65°	635.4	612.6	577.1	552.0	548.4
67.5°	542.4	515.1	487.8	472.3	460.5
70°	445.8	427.3	406.7	393.4	391.2
72.5°	355.7	342.4	332.1	324.0	317.4
75°	269.4	267.2	263.5	263.5	256.1
77.5°	197.8	203.0	205.9	205.2	206.6
80°	137.3	147.6	153.5	154.2	153.5
82.5°	87.1	98.9	108.5	110.0	111.4
85°	50.9	59.8	65.7	67.2	65.7
87.5°	22.9	28.8	30.3	31.7	30.3
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)