

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: P737926

Luminaire Tested: **14PT-60-PR1-L950**

Issue Date: 2/8/2024



Test Information

Test Method: LM-79-08
Report Number: P737926
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2211-846-11)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 2/8/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: CORELITE
Catalog Number: 14PT-60-PR1-L950
Description: 6000 LUMEN 1X4 PERCEIVE PT TROFFER WITH 5000K, 90 CRI LEDS AND RIPLE LENS

Light Source: -
Ballast/Driver: -

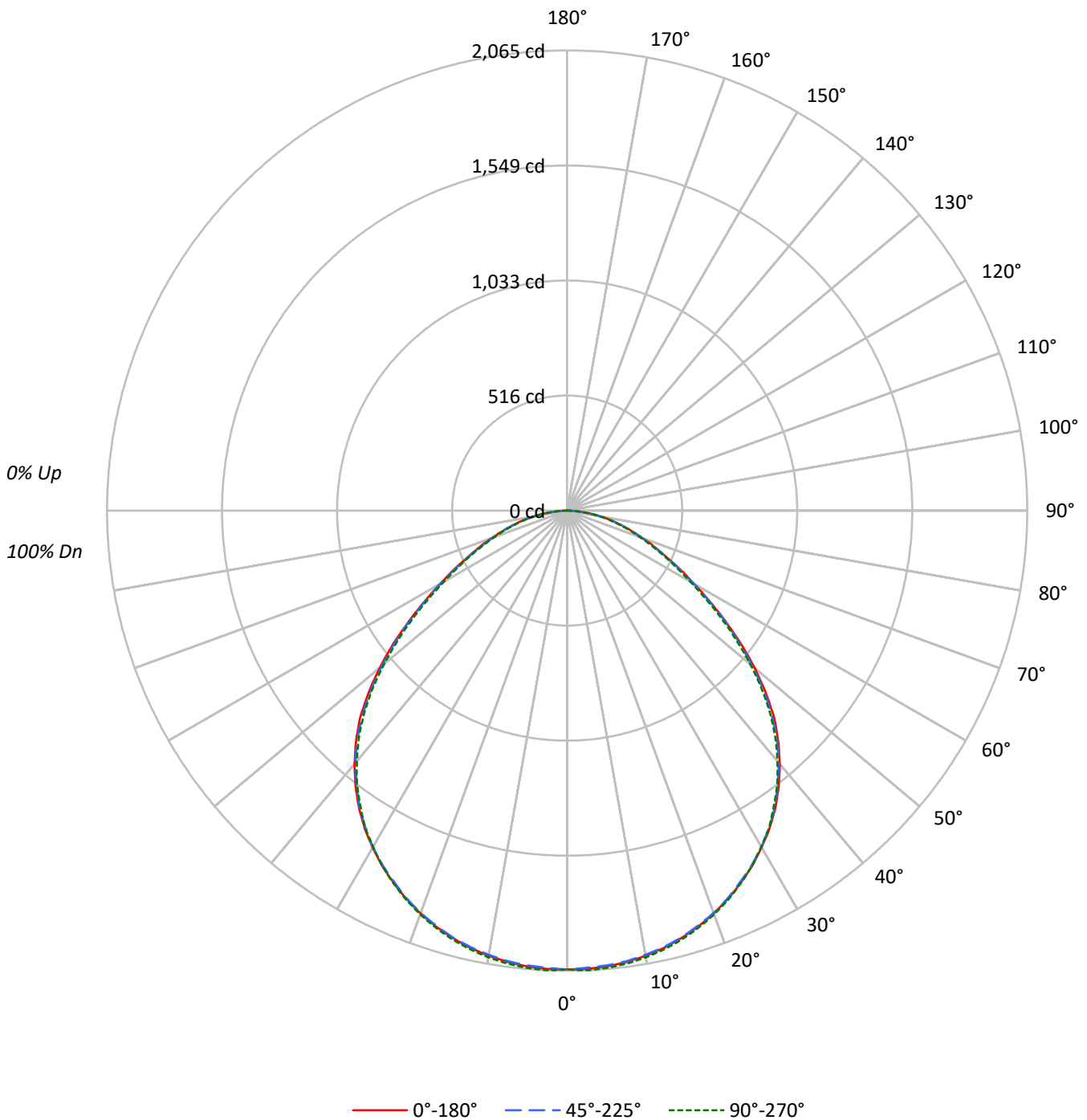
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5208.0 lumens
Efficiency: N/A
Efficacy: 104.6 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 1.26 / 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 (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	93	86	81	98	91	85	80	87	82	78	84	80	76	81	78	75	73
3	92	82	74	68	90	80	73	68	78	71	66	75	70	65	72	68	64	62
4	85	73	65	58	82	72	64	58	69	63	57	67	61	56	65	60	56	54
5	78	66	57	51	76	65	56	50	62	55	50	61	54	49	59	53	49	47
6	72	59	51	45	70	58	50	44	57	49	44	55	49	44	53	48	43	41
7	67	54	45	40	65	53	45	39	52	44	39	50	44	39	49	43	39	37
8	62	49	41	35	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	39	33	29	39	33	29	27

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	6174	6174	6174
5°	6180	6167	6200
10°	6175	6164	6197
15°	6163	6154	6183
20°	6137	6130	6153
25°	6097	6082	6104
30°	6043	6035	6028
35°	5960	5946	5921
40°	5809	5786	5746
45°	5567	5505	5464
50°	5123	5064	5002
55°	4533	4514	4425
60°	3939	3926	3820
65°	3472	3451	3382
70°	3151	3106	3041
75°	2916	2847	2796
80°	2664	2624	2536
85°	2109	2081	2005



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	195.3	3.8
10°-20°	560.7	10.8
20°-30°	849.4	16.3
30°-40°	1014.0	19.5
40°-50°	997.2	19.1
50°-60°	770.7	14.8
60°-70°	486.0	9.3
70°-80°	262.9	5.0
80°-90°	71.8	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°	1605.4	30.8
0°-40°	2619.4	50.3
0°-60°	4387.3	84.2
0°-90°	5208.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	5208.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2059	2059	2059	2059	2059	
5°	2053	2054	2049	2058	2060	195
15°	1986	1986	1983	1989	1992	560
25°	1843	1844	1839	1844	1845	849
35°	1628	1629	1625	1622	1618	1017
45°	1313	1308	1298	1288	1289	1005
55°	867	875	864	850	847	778
65°	489	490	486	478	477	492
75°	252	249	246	247	241	267
85°	61	62	60	61	58	73
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2059.3	2059.3	2059.3	2059.3	2059.3
2.5°	2058.6	2059.3	2053.4	2063.0	2065.2
5°	2053.4	2054.1	2049.0	2057.8	2060.1
7.5°	2043.1	2044.6	2039.4	2048.2	2050.5
10°	2028.3	2029.8	2024.6	2033.5	2035.7
12.5°	2009.9	2010.6	2006.2	2014.3	2016.5
15°	1985.5	1986.2	1982.6	1989.2	1992.1
17.5°	1957.5	1958.2	1953.0	1961.1	1962.6
20°	1923.5	1924.2	1921.3	1927.9	1928.7
22.5°	1885.9	1887.3	1882.9	1888.8	1889.5
25°	1843.0	1844.5	1838.6	1844.5	1845.3
27.5°	1798.0	1798.8	1793.6	1798.0	1797.3
30°	1745.6	1750.0	1743.4	1741.9	1741.2
32.5°	1691.0	1691.7	1685.1	1683.6	1686.6
35°	1628.3	1629.0	1624.6	1622.4	1617.9
37.5°	1559.6	1559.6	1551.5	1550.0	1549.3
40°	1484.3	1483.6	1478.4	1473.3	1468.1
42.5°	1402.4	1403.9	1393.5	1384.7	1383.2
45°	1313.1	1307.9	1298.3	1288.0	1288.7
47.5°	1207.5	1209.0	1195.7	1187.6	1185.4
50°	1098.3	1098.3	1085.8	1076.9	1072.5
52.5°	983.9	984.6	972.8	961.0	958.8
55°	867.3	874.7	863.6	849.6	846.6
57.5°	758.0	763.9	753.6	738.8	738.1
60°	656.9	657.7	654.7	640.7	637.0
62.5°	570.6	566.9	565.4	558.0	553.6
65°	489.4	490.1	486.4	478.3	476.8
67.5°	423.7	422.9	416.3	411.1	408.2
70°	359.5	357.2	354.3	349.9	346.9
72.5°	301.9	301.9	299.7	298.2	293.0
75°	251.7	248.7	245.8	247.3	241.4
77.5°	203.7	200.8	198.6	195.6	194.1
80°	154.3	151.3	152.0	147.6	146.9
82.5°	107.0	107.0	105.5	101.9	102.6
85°	61.3	62.0	60.5	61.3	58.3
87.5°	22.1	22.9	24.4	22.9	22.9
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)