

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: P737923

Luminaire Tested: **14PT-60-PR1-L930**

Issue Date: 2/8/2024



Test Information

Test Method: LM-79-08
Report Number: P737923
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-L930
Description: 6000 LUMEN 1X4 PERCEIVE PT TROFFER WITH 3000K, 90 CRI LEDS AND RIPLE LENS

Light Source: -
Ballast/Driver: -

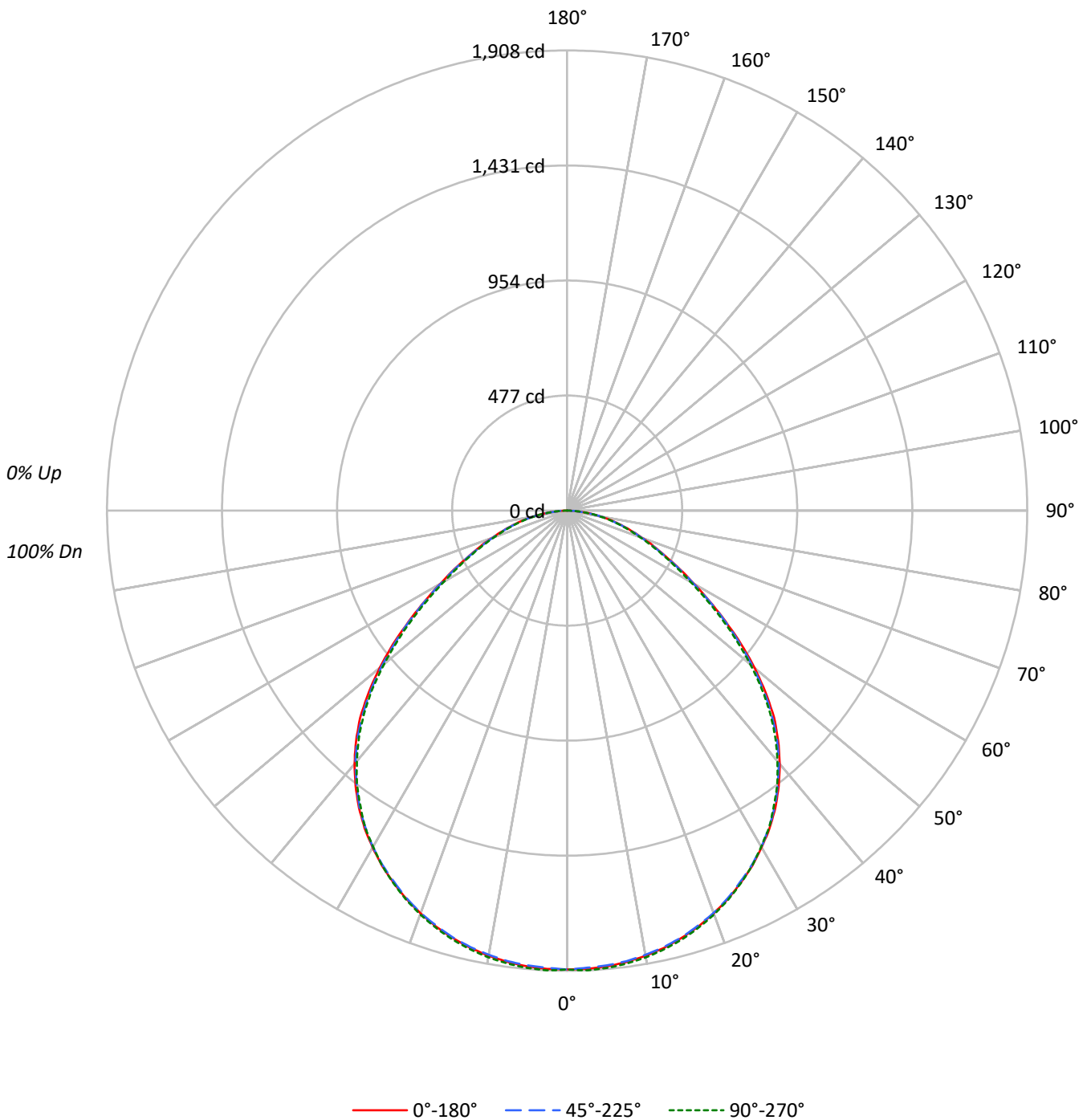
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4812.0 lumens
Efficiency: N/A
Efficacy: 96.6 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 (A_{in}): 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°	5704	5704	5704
5°	5710	5698	5728
10°	5705	5695	5726
15°	5694	5686	5713
20°	5670	5664	5685
25°	5633	5620	5640
30°	5584	5576	5569
35°	5506	5494	5471
40°	5368	5346	5309
45°	5144	5086	5048
50°	4733	4679	4622
55°	4188	4171	4089
60°	3640	3627	3529
65°	3208	3188	3126
70°	2911	2870	2809
75°	2694	2631	2583
80°	2460	2426	2343
85°	1947	1923	1854



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	180.5	3.8
10°-20°	518.0	10.8
20°-30°	784.8	16.3
30°-40°	936.9	19.5
40°-50°	921.4	19.1
50°-60°	712.1	14.8
60°-70°	449.0	9.3
70°-80°	242.9	5.0
80°-90°	66.4	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°	1483.3	30.8
0°-40°	2420.2	50.3
0°-60°	4053.7	84.2
0°-90°	4812.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	4812.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1903	1903	1903	1903	1903	
5°	1897	1898	1893	1901	1903	180
15°	1834	1835	1832	1838	1841	518
25°	1703	1704	1699	1704	1705	785
35°	1504	1505	1501	1499	1495	939
45°	1213	1208	1200	1190	1191	929
55°	801	808	798	785	782	719
65°	452	453	449	442	441	455
75°	233	230	227	228	223	247
85°	57	57	56	57	54	67
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1902.7	1902.7	1902.7	1902.7	1902.7
2.5°	1902.0	1902.7	1897.3	1906.1	1908.2
5°	1897.3	1898.0	1893.2	1901.4	1903.4
7.5°	1887.7	1889.1	1884.3	1892.5	1894.5
10°	1874.1	1875.5	1870.7	1878.9	1880.9
12.5°	1857.0	1857.7	1853.6	1861.1	1863.2
15°	1834.5	1835.2	1831.8	1837.9	1840.7
17.5°	1808.6	1809.3	1804.5	1812.0	1813.4
20°	1777.2	1777.9	1775.2	1781.3	1782.0
22.5°	1742.5	1743.8	1739.7	1745.2	1745.9
25°	1702.9	1704.3	1698.8	1704.3	1705.0
27.5°	1661.3	1662.0	1657.2	1661.3	1660.6
30°	1612.9	1617.0	1610.8	1609.5	1608.8
32.5°	1562.4	1563.1	1557.0	1555.6	1558.3
35°	1504.5	1505.1	1501.0	1499.0	1494.9
37.5°	1441.0	1441.0	1433.5	1432.2	1431.5
40°	1371.5	1370.8	1366.0	1361.2	1356.5
42.5°	1295.8	1297.1	1287.6	1279.4	1278.0
45°	1213.2	1208.5	1199.6	1190.1	1190.7
47.5°	1115.7	1117.1	1104.8	1097.3	1095.3
50°	1014.8	1014.8	1003.2	995.0	990.9
52.5°	909.1	909.8	898.9	887.9	885.9
55°	801.3	808.1	797.9	785.0	782.2
57.5°	700.4	705.9	696.3	682.7	682.0
60°	607.0	607.6	604.9	592.0	588.6
62.5°	527.2	523.8	522.4	515.6	511.5
65°	452.2	452.8	449.4	441.9	440.6
67.5°	391.5	390.8	384.6	379.9	377.1
70°	332.1	330.1	327.4	323.3	320.5
72.5°	278.9	278.9	276.9	275.5	270.7
75°	232.6	229.8	227.1	228.5	223.0
77.5°	188.2	185.5	183.5	180.7	179.4
80°	142.5	139.8	140.5	136.4	135.7
82.5°	98.9	98.9	97.5	94.1	94.8
85°	56.6	57.3	55.9	56.6	53.9
87.5°	20.5	21.1	22.5	21.1	21.1
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)