

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: P737915

Luminaire Tested: **14PT-60-PP3-L930**

Issue Date: 2/8/2024



Test Information

Test Method: LM-79-08
Report Number: P737915
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2211-846-8)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 2/8/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: CORELITE
Catalog Number: 14PT-60-PP3-L930
Description: 6000 LUMEN 1X4 PERCEIVE PT TROFFER WITH 3000K, 90 CRI LEDS AND PRISM LENS

Light Source: -
Ballast/Driver: -

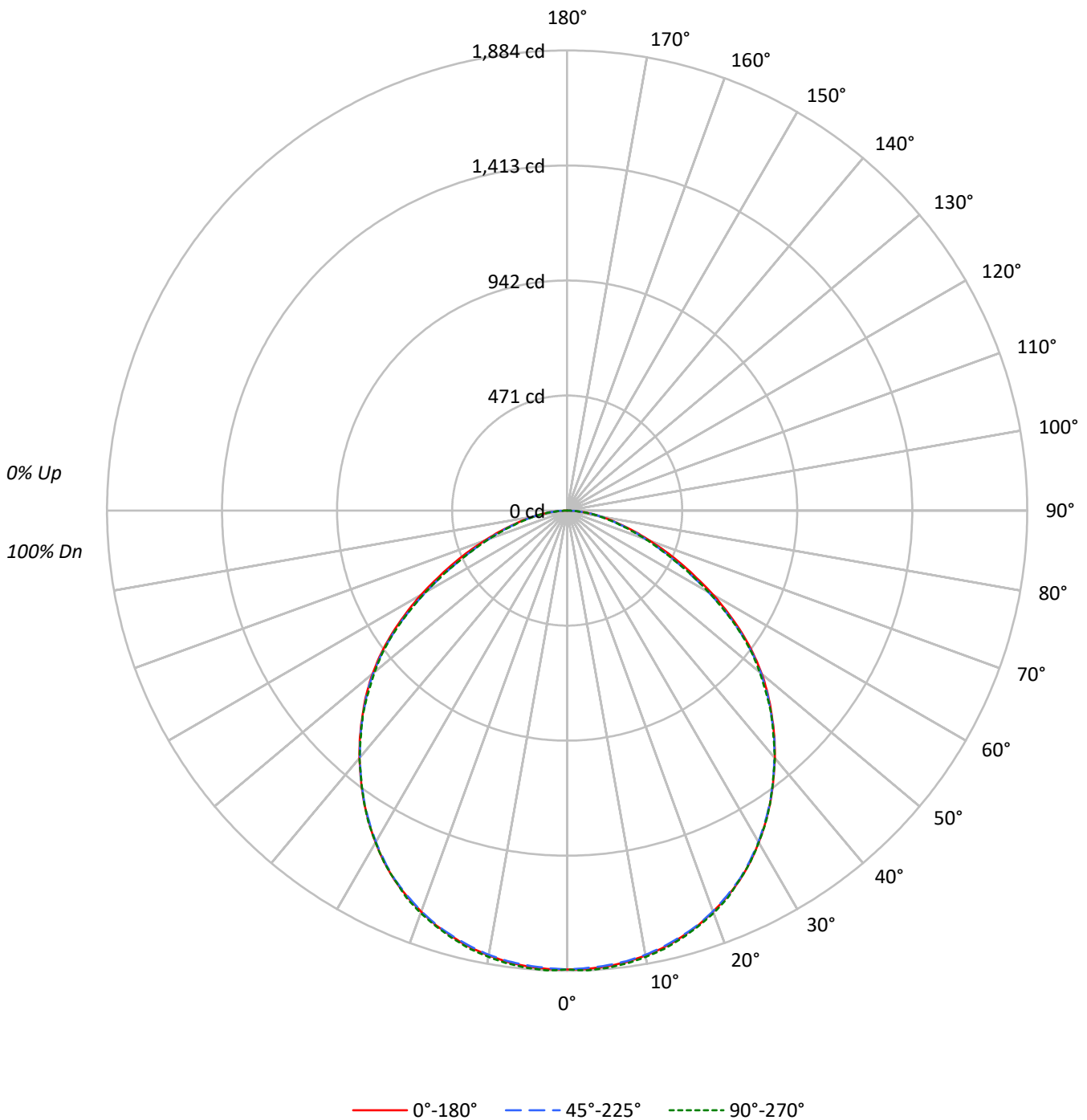
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4855.0 lumens
Efficiency: N/A
Efficacy: 97.5 lumens/watt
Spacing Criteria (0/90/45): 1.24 / 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_{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	109	105	101	97	107	103	99	96	99	96	93		95	92	90		91	89	87	85
2	100	92	86	80	97	90	84	79	87	82	78		84	79	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	73	64	58	82	71	63	57	69	62	56		66	60	56		64	59	55	53
5	77	65	56	50	75	64	56	50	62	55	49		60	54	49		58	52	48	46
6	72	59	50	44	70	58	50	44	56	49	43		54	48	43		53	47	42	40
7	66	53	45	39	65	52	44	39	51	44	38		50	43	38		48	42	38	36
8	62	49	40	35	60	48	40	35	47	39	34		45	39	34		44	38	34	32
9	58	45	37	31	57	44	36	31	43	36	31		42	35	31		41	35	31	29
10	54	41	34	28	53	41	33	28	40	33	28		39	33	28		38	32	28	26

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	5633	5633	5633
5°	5638	5626	5657
10°	5631	5623	5650
15°	5612	5601	5627
20°	5575	5571	5595
25°	5525	5516	5523
30°	5433	5421	5433
35°	5314	5307	5312
40°	5178	5162	5176
45°	5023	5009	5014
50°	4854	4832	4797
55°	4570	4517	4503
60°	4147	4008	4016
65°	3644	3459	3455
70°	3150	3008	2972
75°	2726	2623	2568
80°	2414	2379	2272
85°	1995	2064	1947



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	178.2	3.7
10°-20°	510.5	10.5
20°-30°	768.6	15.8
30°-40°	907.1	18.7
40°-50°	912.3	18.8
50°-60°	770.2	15.9
60°-70°	494.7	10.2
70°-80°	246.0	5.1
80°-90°	67.4	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°	1457.3	30.0
0°-40°	2364.4	48.7
0°-60°	4046.9	83.4
0°-90°	4855.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	4855.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1879	1879	1879	1879	1879	
5°	1874	1874	1869	1878	1880	178
15°	1808	1809	1805	1813	1813	510
25°	1670	1671	1668	1671	1670	769
35°	1452	1453	1450	1451	1451	907
45°	1185	1189	1181	1183	1183	914
55°	874	874	864	861	861	778
65°	514	506	488	483	487	512
75°	235	234	226	224	222	255
85°	58	60	60	57	57	68
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1879.0	1879.0	1879.0	1879.0	1879.0
2.5°	1878.3	1879.0	1874.2	1883.1	1884.4
5°	1873.5	1874.2	1869.4	1878.3	1879.7
7.5°	1864.0	1864.7	1860.6	1868.8	1870.1
10°	1849.7	1851.7	1846.9	1854.4	1855.8
12.5°	1831.9	1832.6	1827.8	1836.7	1838.1
15°	1808.1	1808.7	1804.6	1812.8	1812.8
17.5°	1780.8	1781.5	1778.7	1785.5	1784.9
20°	1747.4	1749.4	1746.0	1750.8	1753.5
22.5°	1711.2	1711.9	1707.8	1713.9	1716.7
25°	1670.3	1671.0	1667.6	1671.0	1669.6
27.5°	1622.5	1623.9	1619.1	1622.5	1623.2
30°	1569.3	1572.8	1565.9	1568.7	1569.3
32.5°	1512.1	1514.1	1509.3	1510.0	1513.4
35°	1452.0	1452.7	1450.0	1451.4	1451.4
37.5°	1387.2	1390.0	1385.9	1387.9	1385.2
40°	1323.1	1320.4	1319.0	1320.4	1322.5
42.5°	1255.6	1256.3	1254.2	1252.9	1249.5
45°	1184.7	1188.8	1181.3	1182.6	1182.6
47.5°	1115.1	1115.8	1111.7	1107.6	1104.9
50°	1040.8	1040.8	1036.0	1032.6	1028.5
52.5°	959.6	958.2	952.8	949.4	951.4
55°	874.4	873.7	864.1	860.7	861.4
57.5°	780.9	782.3	768.0	764.6	764.6
60°	691.6	684.8	668.4	663.6	669.8
62.5°	598.1	590.0	572.2	572.2	577.0
65°	513.6	506.1	487.6	482.9	487.0
67.5°	434.5	427.6	410.6	407.9	409.2
70°	359.4	353.3	343.1	336.9	339.0
72.5°	294.6	289.2	282.4	277.6	274.9
75°	235.3	233.9	226.4	224.4	221.7
77.5°	186.2	185.5	179.4	176.6	173.9
80°	139.8	139.1	137.8	133.7	131.6
82.5°	99.6	99.6	98.9	95.5	93.4
85°	58.0	60.0	60.0	56.6	56.6
87.5°	23.2	24.6	23.2	23.2	22.5
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)