

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: P737899

Luminaire Tested: **14PT-60-PC3-L930**

Issue Date: 2/8/2024



**Test Information**

Test Method: LM-79-08  
Report Number: P737899  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2211-846-7)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 2/8/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: CORELITE  
Catalog Number: 14PT-60-PC3-L930  
Description: 6000 LUMEN 1X4 PERCEIVE PT TROFFER WITH 3000K, 90 CRI LEDS AND PARAMID LENS  
  
Light Source: -  
Ballast/Driver: -

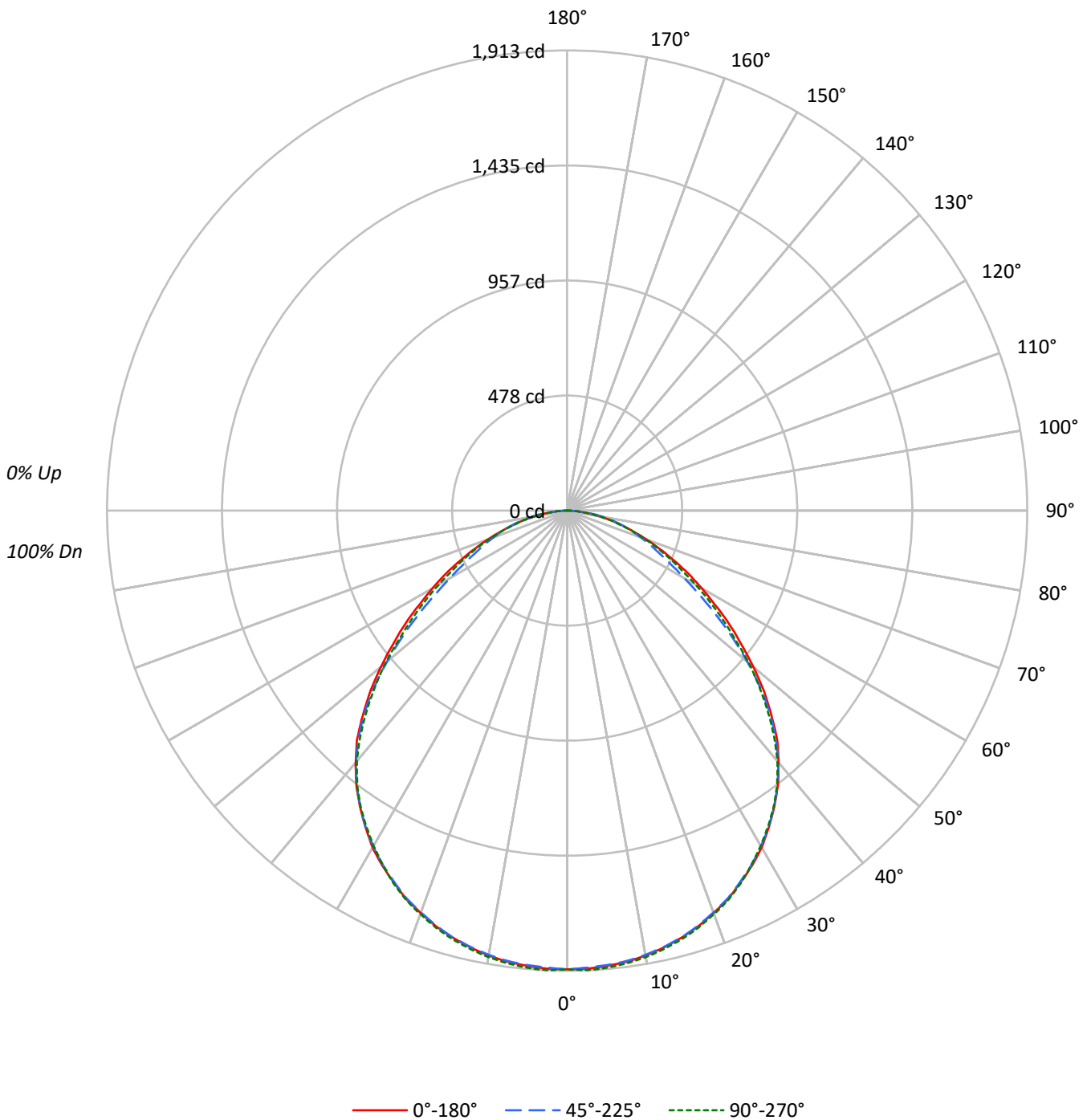
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 4808.0 lumens  
Efficiency: N/A  
Efficacy: 96.5 lumens/watt  
Spacing Criteria (0/90/45): 1.26 / 1.25 / 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

TEST NUMBER: P737899

CATALOG NUMBER: 14PT-60-PC3-L930

### Luminous Intensity Polar Plot





TEST NUMBER: P737899

CATALOG NUMBER: 14PT-60-PC3-L930

**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	87	85
2	100	93	86	81	98	91	85	80	87	82	78	84	80	76	81	78	75	72
3	92	82	74	68	90	80	73	68	77	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	46	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	40	33	29	39	33	29	27

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

	0°	45°	90°
0°	5718	5718	5718
5°	5719	5709	5742
10°	5719	5708	5740
15°	5706	5700	5725
20°	5680	5671	5695
25°	5641	5632	5655
30°	5599	5580	5571
35°	5497	5493	5482
40°	5352	5345	5321
45°	5090	5053	5001
50°	4712	4553	4604
55°	4300	3951	4129
60°	3877	3370	3697
65°	3465	3015	3324
70°	3073	2852	2990
75°	2718	2765	2663
80°	2343	2638	2333
85°	1761	2088	1761



TEST NUMBER: P737899

CATALOG NUMBER: 14PT-60-PC3-L930

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	180.9	3.8
10°-20°	519.2	10.8
20°-30°	786.1	16.3
30°-40°	937.2	19.5
40°-50°	915.7	19.0
50°-60°	700.2	14.6
60°-70°	449.5	9.4
70°-80°	250.1	5.2
80°-90°	69.1	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°	1486.2	30.9
0°-40°	2423.3	50.4
0°-60°	4039.3	84.0
0°-90°	4808.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	4808.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	1907	1907	1907	1907	1907	
5°	1900	1902	1897	1906	1908	181
15°	1838	1840	1836	1842	1844	519
25°	1705	1707	1703	1708	1709	787
35°	1502	1503	1501	1500	1498	938
45°	1200	1203	1192	1189	1179	924
55°	823	794	756	765	790	735
65°	488	451	425	439	469	487
75°	235	237	239	235	230	251
85°	51	60	61	59	51	63
90°	0	0	0	0	0	



TEST NUMBER: P737899

CATALOG NUMBER: 14PT-60-PC3-L930

**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	1907.2	1907.2	1907.2	1907.2	1907.2
2.5°	1905.8	1906.5	1901.7	1909.9	1912.7
5°	1900.4	1901.7	1897.0	1905.8	1907.9
7.5°	1892.2	1893.6	1888.8	1897.6	1898.3
10°	1878.5	1879.2	1875.1	1884.0	1885.4
12.5°	1860.1	1862.2	1857.4	1865.6	1866.3
15°	1838.3	1839.7	1836.3	1842.4	1844.4
17.5°	1812.4	1813.1	1809.7	1816.5	1817.2
20°	1780.3	1780.3	1777.6	1785.1	1785.1
22.5°	1747.6	1745.5	1744.9	1747.6	1751.7
25°	1705.3	1707.3	1702.6	1708.0	1709.4
27.5°	1664.4	1664.4	1660.3	1663.0	1659.6
30°	1617.3	1614.6	1611.8	1612.5	1609.1
32.5°	1560.7	1560.7	1559.3	1559.3	1555.2
35°	1502.0	1503.4	1500.7	1500.0	1497.9
37.5°	1439.3	1441.3	1436.5	1435.2	1433.8
40°	1367.6	1367.6	1365.6	1362.9	1359.5
42.5°	1293.3	1293.3	1284.4	1277.6	1272.8
45°	1200.5	1203.3	1191.7	1188.9	1179.4
47.5°	1108.4	1106.4	1090.7	1088.7	1083.2
50°	1010.2	998.6	976.1	982.2	987.0
52.5°	912.0	897.7	864.9	871.7	879.9
55°	822.6	794.0	755.8	765.3	789.9
57.5°	729.2	691.0	652.8	670.5	701.2
60°	646.6	603.7	562.1	581.2	616.6
62.5°	567.5	521.8	488.4	506.8	536.8
65°	488.4	450.9	425.0	439.3	468.6
67.5°	416.1	390.9	373.1	379.9	403.8
70°	350.6	334.9	325.4	327.4	341.1
72.5°	288.5	284.4	281.0	281.0	282.4
75°	234.6	236.7	238.7	235.3	229.9
77.5°	184.9	191.7	196.4	189.6	182.8
80°	135.7	146.7	152.8	145.3	135.1
82.5°	92.8	105.0	107.1	102.3	90.7
85°	51.2	60.0	60.7	58.7	51.2
87.5°	19.1	22.5	24.6	22.5	19.8
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)