

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: P737932

Luminaire Tested: **14PT-60-PW1-L935**

Issue Date: 2/8/2024



Test Information

Test Method: LM-79-08
Report Number: P737932
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-L935
Description: 6000 LUMEN 1X4 PERCEIVE PT TROFFER WITH 3500K, 90 CRI LEDS AND WAVES LENS

Light Source: -
Ballast/Driver: -

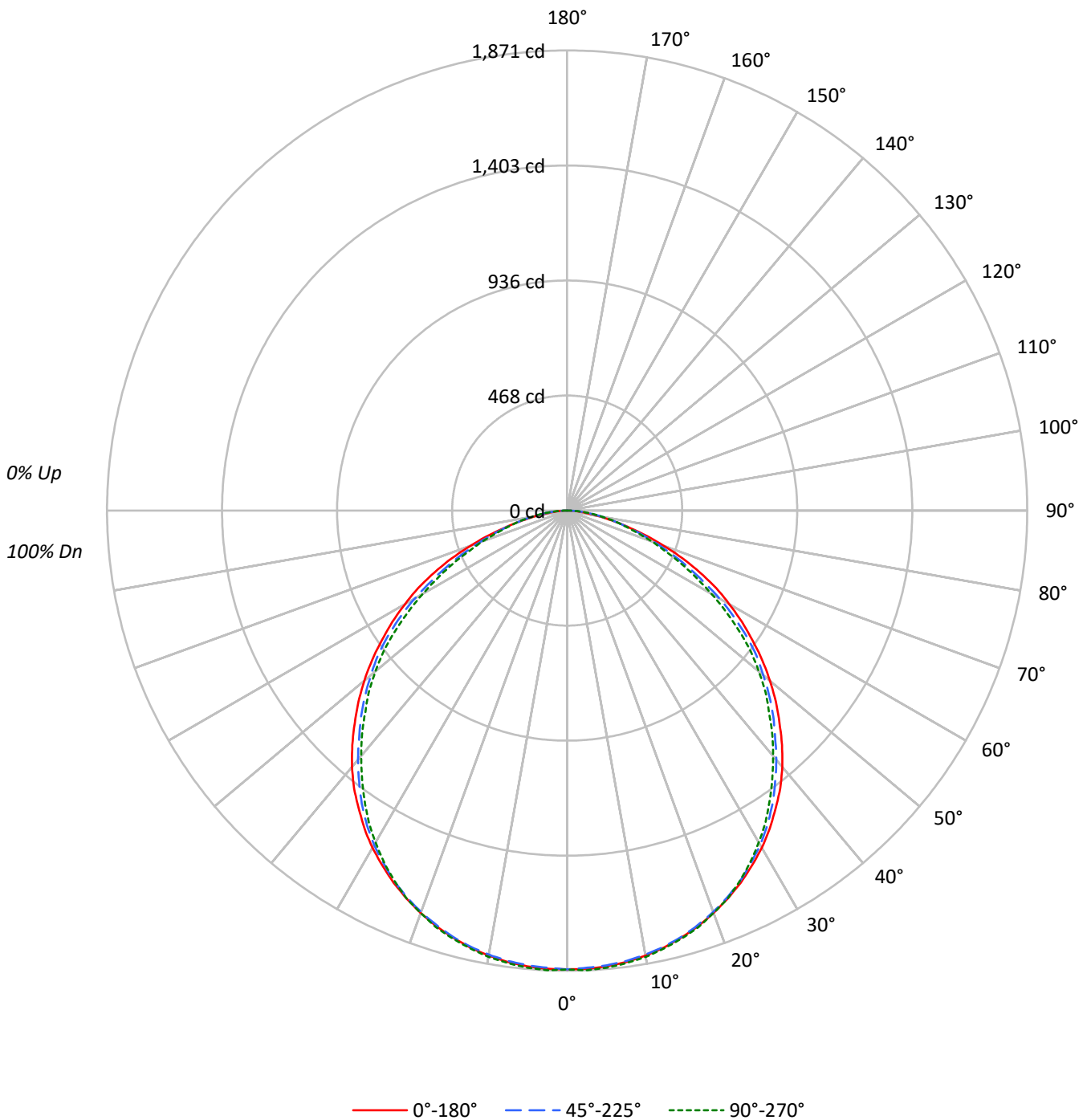
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4950.0 lumens
Efficiency: N/A
Efficacy: 99.4 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 (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

TEST NUMBER: P737932
CATALOG NUMBER: 14PT-60-PW1-L935

Luminous Intensity Polar Plot





TEST NUMBER: P737932

CATALOG NUMBER: 14PT-60-PW1-L935

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°	5592	5592	5592
5°	5597	5584	5614
10°	5595	5582	5609
15°	5577	5569	5590
20°	5554	5541	5554
25°	5523	5501	5496
30°	5481	5433	5395
35°	5408	5327	5259
40°	5326	5180	5099
45°	5178	5026	4923
50°	5022	4858	4745
55°	4812	4649	4465
60°	4562	4293	4070
65°	4221	3834	3643
70°	3659	3338	3211
75°	2923	2858	2778
80°	2219	2483	2483
85°	1641	2116	2116



TEST NUMBER: P737932

CATALOG NUMBER: 14PT-60-PW1-L935

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	176.9	3.6
10°-20°	507.4	10.2
20°-30°	766.8	15.5
30°-40°	910.5	18.4
40°-50°	917.3	18.5
50°-60°	792.9	16.0
60°-70°	541.9	10.9
70°-80°	267.2	5.4
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°	1451.0	29.3
0°-40°	2361.5	47.7
0°-60°	4071.8	82.3
0°-90°	4950.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	4950.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1865	1865	1865	1865	1865	
5°	1860	1860	1856	1863	1865	177
15°	1797	1799	1794	1800	1801	507
25°	1670	1668	1663	1664	1661	769
35°	1478	1473	1456	1442	1437	925
45°	1221	1208	1185	1171	1161	943
55°	921	918	890	863	854	823
65°	595	574	540	517	514	587
75°	252	250	247	247	240	275
85°	48	56	62	63	62	58
90°	0	0	0	0	0	



TEST NUMBER: P737932

CATALOG NUMBER: 14PT-60-PW1-L935

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1865.3	1865.3	1865.3	1865.3	1865.3
2.5°	1864.6	1865.3	1860.5	1868.8	1870.8
5°	1859.8	1860.5	1855.6	1863.2	1865.3
7.5°	1850.8	1852.2	1846.7	1854.3	1855.6
10°	1837.7	1838.4	1833.5	1841.1	1842.5
12.5°	1819.7	1820.4	1816.2	1823.2	1823.2
15°	1796.9	1799.0	1794.1	1800.4	1801.0
17.5°	1771.3	1772.0	1767.2	1774.1	1775.5
20°	1740.9	1740.9	1736.8	1742.3	1740.9
22.5°	1707.1	1707.1	1702.2	1705.0	1706.4
25°	1669.7	1668.4	1662.8	1664.2	1661.4
27.5°	1626.9	1626.9	1617.2	1617.2	1612.4
30°	1583.3	1579.9	1569.5	1563.3	1558.5
32.5°	1533.6	1528.7	1515.6	1504.6	1501.1
35°	1477.6	1472.8	1455.5	1442.4	1436.8
37.5°	1423.7	1412.6	1389.8	1376.7	1370.5
40°	1360.8	1347.0	1323.5	1305.5	1302.8
42.5°	1293.1	1282.0	1251.6	1238.5	1235.0
45°	1221.2	1208.1	1185.3	1171.4	1161.1
47.5°	1150.7	1141.0	1114.8	1098.2	1094.7
50°	1076.8	1068.5	1041.5	1023.5	1017.3
52.5°	1000.0	994.5	971.7	948.9	941.3
55°	920.6	917.8	889.5	863.2	854.2
57.5°	842.5	839.0	803.8	773.4	765.1
60°	760.9	750.6	716.0	687.7	678.7
62.5°	683.5	661.4	624.1	602.0	591.6
65°	595.0	573.6	540.5	517.0	513.5
67.5°	508.0	482.4	456.8	442.3	431.3
70°	417.4	400.2	380.8	368.4	366.3
72.5°	333.1	320.7	311.0	303.4	297.2
75°	252.3	250.2	246.7	246.7	239.8
77.5°	185.2	190.1	192.8	192.1	193.5
80°	128.5	138.2	143.8	144.4	143.8
82.5°	81.6	92.6	101.6	103.0	104.4
85°	47.7	56.0	61.5	62.9	61.5
87.5°	21.4	27.0	28.3	29.7	28.3
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)