

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: P738285

Luminaire Tested: **22PT-60-PC3-L940**

Issue Date: 2/8/2024



Test Information

Test Method: LM-79-08
Report Number: P738285
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P413056)
Test Lab: INNOVATION CENTER
Issue Date: 2/8/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: CORELITE
Catalog Number: 22PT-60-PC3-L940
Description: 6000 LUMEN 2X2 PERCEIVE PT TROFFER WITH 4000K, 90 CRI LEDS AND PARAMID LENS

Light Source: -
Ballast/Driver: -

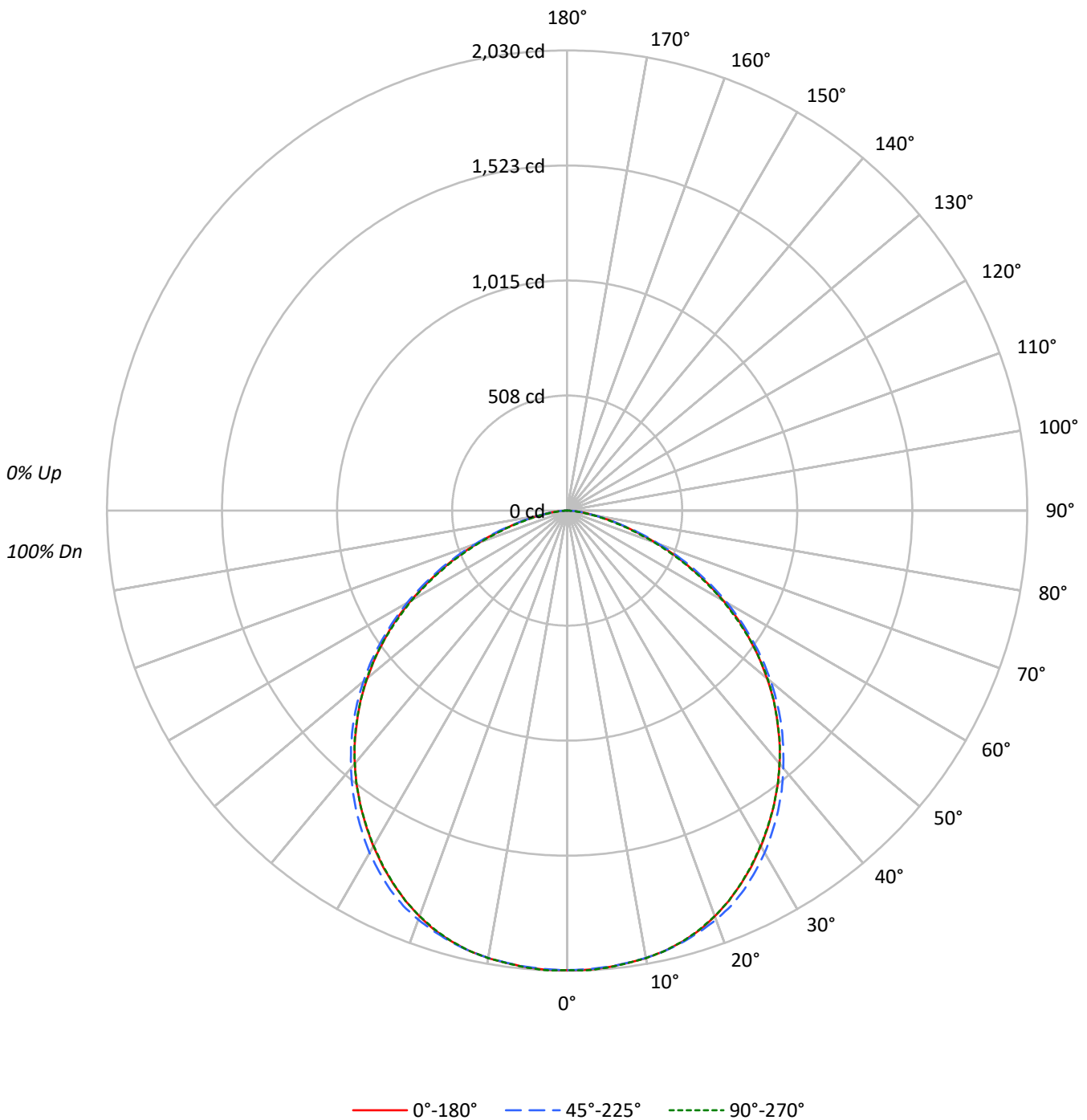
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5447.0 lumens
Efficiency: N/A
Efficacy: 105.2 lumens/watt
Spacing Criteria (0/90/45): 1.25 / 1.25 / 1.37
Luminous Opening: Rectangular (W 1.92' x L: 1.92' x H: 0')
CIE Type: Direct

Input Watts (W): 51.8
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	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	77	83	79	76	80	77	74	72
3	91	81	73	67	89	80	72	67	77	70	65	74	69	64	71	67	63	61
4	84	72	64	57	82	71	63	57	68	61	56	66	60	55	64	59	54	52
5	77	65	56	49	75	63	55	49	61	54	49	59	53	48	58	52	47	45
6	71	58	49	43	69	57	49	43	55	48	43	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	48	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°	5941	5941	5941
5°	5949	5944	5953
10°	5964	5962	5964
15°	5970	5978	5969
20°	5940	5988	5936
25°	5871	5967	5867
30°	5785	5898	5775
35°	5684	5797	5684
40°	5577	5676	5577
45°	5430	5537	5438
50°	5244	5348	5265
55°	5001	5099	5001
60°	4663	4781	4634
65°	4186	4332	4131
70°	3580	3707	3475
75°	2840	2921	2693
80°	2037	2113	1939
85°	1345	1385	1257



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	192.4	3.5
10°-20°	555.7	10.2
20°-30°	843.0	15.5
30°-40°	1006.8	18.5
40°-50°	1023.9	18.8
50°-60°	885.7	16.3
60°-70°	609.4	11.2
70°-80°	276.6	5.1
80°-90°	53.6	1.0
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°	1591.1	29.2
0°-40°	2597.9	47.7
0°-60°	4507.4	82.8
0°-90°	5447.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	5447.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2028	2028	2028	2028	2028	
5°	2022	2020	2021	2021	2024	192
15°	1968	1970	1971	1968	1968	555
25°	1816	1832	1846	1829	1815	836
35°	1589	1617	1621	1615	1589	994
45°	1310	1334	1336	1335	1312	1011
55°	979	996	998	996	979	875
65°	604	620	625	620	596	599
75°	251	260	258	255	238	270
85°	40	42	41	40	37	52
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2027.6	2027.6	2027.6	2027.6	2027.6
2.5°	2027.6	2025.0	2025.6	2026.3	2030.1
5°	2022.5	2020.5	2021.0	2021.0	2023.8
7.5°	2014.0	2013.4	2013.4	2012.7	2014.7
10°	2004.4	2003.1	2003.7	2003.1	2004.4
12.5°	1989.6	1989.6	1990.1	1988.3	1989.6
15°	1968.2	1969.5	1970.8	1967.7	1967.7
17.5°	1941.1	1944.3	1947.6	1941.8	1938.6
20°	1905.1	1912.9	1920.5	1911.4	1903.8
22.5°	1863.1	1876.0	1887.7	1873.4	1863.1
25°	1816.1	1832.2	1845.7	1828.9	1814.8
27.5°	1765.1	1783.2	1796.0	1781.9	1762.5
30°	1709.7	1731.6	1743.2	1729.6	1707.0
32.5°	1650.4	1676.1	1683.1	1674.8	1648.9
35°	1589.0	1617.4	1620.7	1614.9	1589.0
37.5°	1525.2	1552.3	1554.9	1551.6	1525.2
40°	1458.1	1483.2	1483.9	1483.9	1458.1
42.5°	1386.6	1411.0	1411.0	1410.3	1388.4
45°	1310.5	1334.3	1336.3	1334.9	1312.4
47.5°	1235.0	1253.1	1256.2	1253.7	1233.8
50°	1150.5	1169.2	1173.2	1170.4	1155.1
52.5°	1066.6	1084.1	1087.9	1086.0	1068.6
55°	979.0	995.7	998.2	996.4	979.0
57.5°	894.6	905.4	908.0	904.2	882.3
60°	795.8	811.3	815.9	811.3	790.7
62.5°	700.5	717.1	721.1	714.6	692.7
65°	603.7	620.3	624.8	619.8	595.9
67.5°	512.1	524.3	528.2	522.4	500.4
70°	417.9	433.4	432.7	424.9	405.6
72.5°	325.1	346.2	342.4	337.9	316.6
75°	250.9	260.5	258.0	255.4	237.9
77.5°	179.3	190.9	184.5	185.1	170.2
80°	120.7	131.5	125.2	122.5	114.9
82.5°	76.7	81.2	80.0	78.7	71.6
85°	40.0	42.5	41.2	40.0	37.4
87.5°	15.6	16.8	15.6	15.6	14.1
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)