

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: P738283

Luminaire Tested: **22PT-60-PC3-L930**

Issue Date: 2/8/2024



Test Information

Test Method: LM-79-08
Report Number: P738283
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-L930
Description: 6000 LUMEN 2X2 PERCEIVE PT TROFFER WITH 3000K, 90 CRI LEDS AND PARAMID LENS

Light Source: -
Ballast/Driver: -

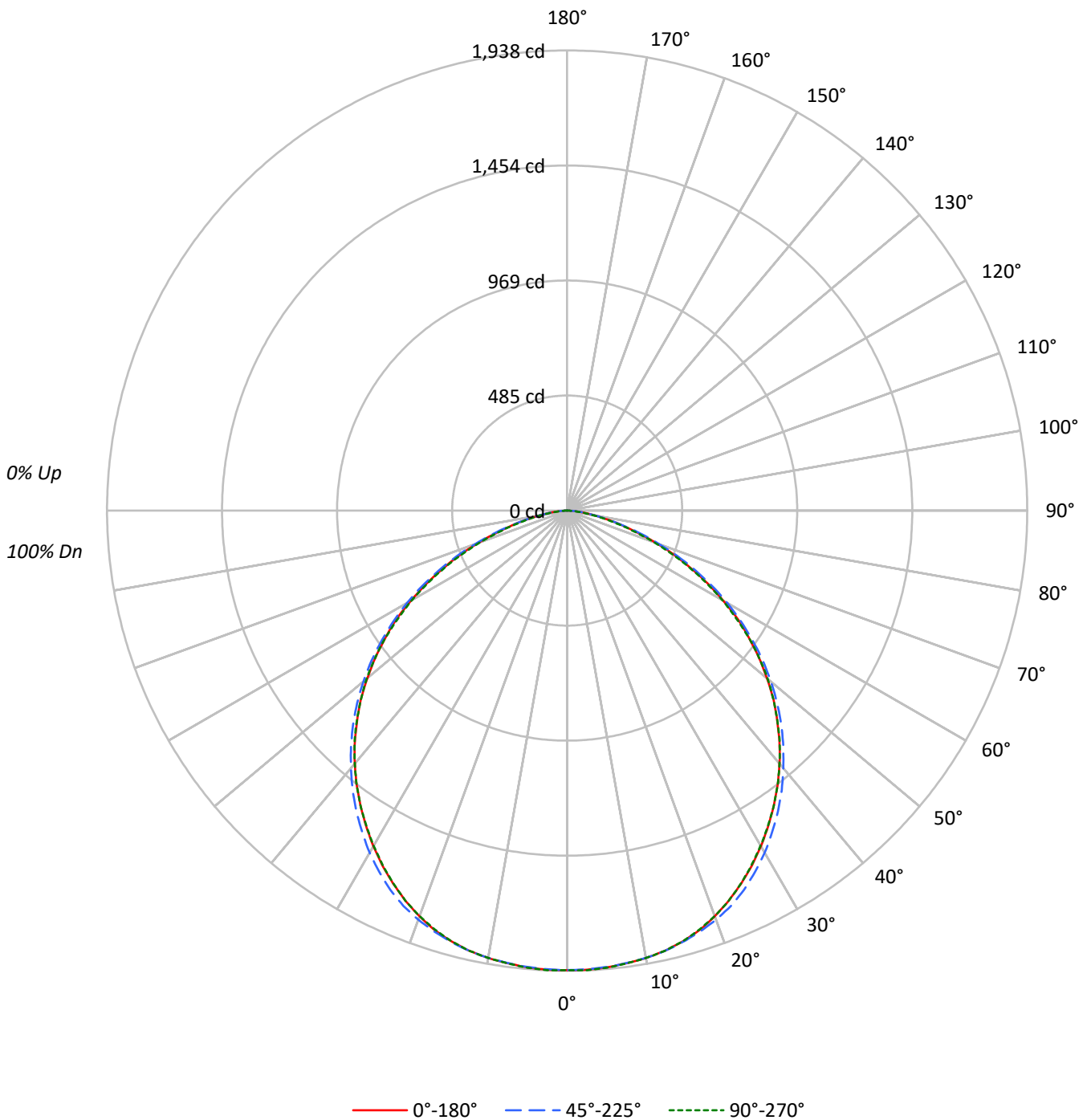
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5200.1 lumens
Efficiency: N/A
Efficacy: 100.4 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°	5671	5671	5671
5°	5679	5675	5683
10°	5693	5691	5693
15°	5700	5707	5698
20°	5671	5717	5667
25°	5605	5697	5601
30°	5522	5630	5514
35°	5426	5534	5426
40°	5324	5419	5324
45°	5184	5286	5192
50°	5007	5105	5027
55°	4774	4868	4774
60°	4452	4564	4424
65°	3996	4136	3944
70°	3417	3539	3317
75°	2711	2788	2571
80°	1944	2016	1851
85°	1284	1325	1200



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	183.7	3.5
10°-20°	530.5	10.2
20°-30°	804.8	15.5
30°-40°	961.1	18.5
40°-50°	977.5	18.8
50°-60°	845.5	16.3
60°-70°	581.8	11.2
70°-80°	264.0	5.1
80°-90°	51.1	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°	1518.9	29.2
0°-40°	2480.1	47.7
0°-60°	4303.1	82.8
0°-90°	5200.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	5200.1	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1936	1936	1936	1936	1936	
5°	1931	1929	1929	1929	1932	184
15°	1879	1880	1881	1878	1878	530
25°	1734	1749	1762	1746	1732	799
35°	1517	1544	1547	1542	1517	949
45°	1251	1274	1276	1274	1253	965
55°	935	950	953	951	935	835
65°	576	592	596	592	569	572
75°	240	249	246	244	227	258
85°	38	41	39	38	36	50
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1935.6	1935.6	1935.6	1935.6	1935.6
2.5°	1935.6	1933.2	1933.7	1934.4	1938.0
5°	1930.8	1928.9	1929.4	1929.4	1932.0
7.5°	1922.7	1922.1	1922.1	1921.5	1923.4
10°	1913.5	1912.3	1912.8	1912.3	1913.5
12.5°	1899.3	1899.3	1899.9	1898.1	1899.3
15°	1879.0	1880.2	1881.4	1878.5	1878.5
17.5°	1853.1	1856.2	1859.3	1853.8	1850.6
20°	1818.7	1826.1	1833.4	1824.7	1817.5
22.5°	1778.6	1790.9	1802.1	1788.5	1778.6
25°	1733.7	1749.1	1762.1	1746.0	1732.5
27.5°	1685.0	1702.3	1714.6	1701.1	1682.6
30°	1632.2	1653.1	1664.1	1651.2	1629.6
32.5°	1575.5	1600.1	1606.8	1598.9	1574.2
35°	1517.0	1544.1	1547.2	1541.7	1517.0
37.5°	1456.0	1481.9	1484.4	1481.2	1456.0
40°	1392.0	1416.0	1416.7	1416.7	1392.0
42.5°	1323.7	1347.1	1347.1	1346.4	1325.5
45°	1251.0	1273.8	1275.7	1274.3	1252.9
47.5°	1179.0	1196.3	1199.2	1196.8	1177.8
50°	1098.4	1116.2	1120.0	1117.4	1102.7
52.5°	1018.2	1035.0	1038.6	1036.7	1020.1
55°	934.6	950.5	953.0	951.2	934.6
57.5°	854.0	864.4	866.8	863.2	842.3
60°	759.7	774.6	778.9	774.6	754.9
62.5°	668.7	684.6	688.4	682.2	661.3
65°	576.3	592.2	596.5	591.7	568.9
67.5°	488.9	500.5	504.3	498.8	477.7
70°	398.9	413.8	413.1	405.7	387.2
72.5°	310.3	330.5	326.9	322.6	302.2
75°	239.5	248.7	246.3	243.9	227.1
77.5°	171.1	182.2	176.2	176.7	162.5
80°	115.2	125.6	119.5	116.9	109.7
82.5°	73.2	77.5	76.3	75.1	68.4
85°	38.2	40.6	39.4	38.2	35.7
87.5°	14.9	16.1	14.9	14.9	13.5
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)