

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-State
Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: CORELITE

Report Number: P1050381

Luminaire Tested: PTR-14-70-PR1-L930-UNV-STD-W

Issue Date: 7/11/2025

Test Information

Test Method: LM-79-2019
Report Number: P1050381
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P737735)
Test Lab: INNOVATION CENTER
Issue Date: 7/11/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: PTR-14-70-PR1-L930-UNV-STD-W
Description: 7000 LUMEN 1X4 PERCEIVE PT TROFFER WITH 3000K, 90 CRI LEDS AND RIPPLE LENS

Light Source:
Ballast/Driver: -

Summary

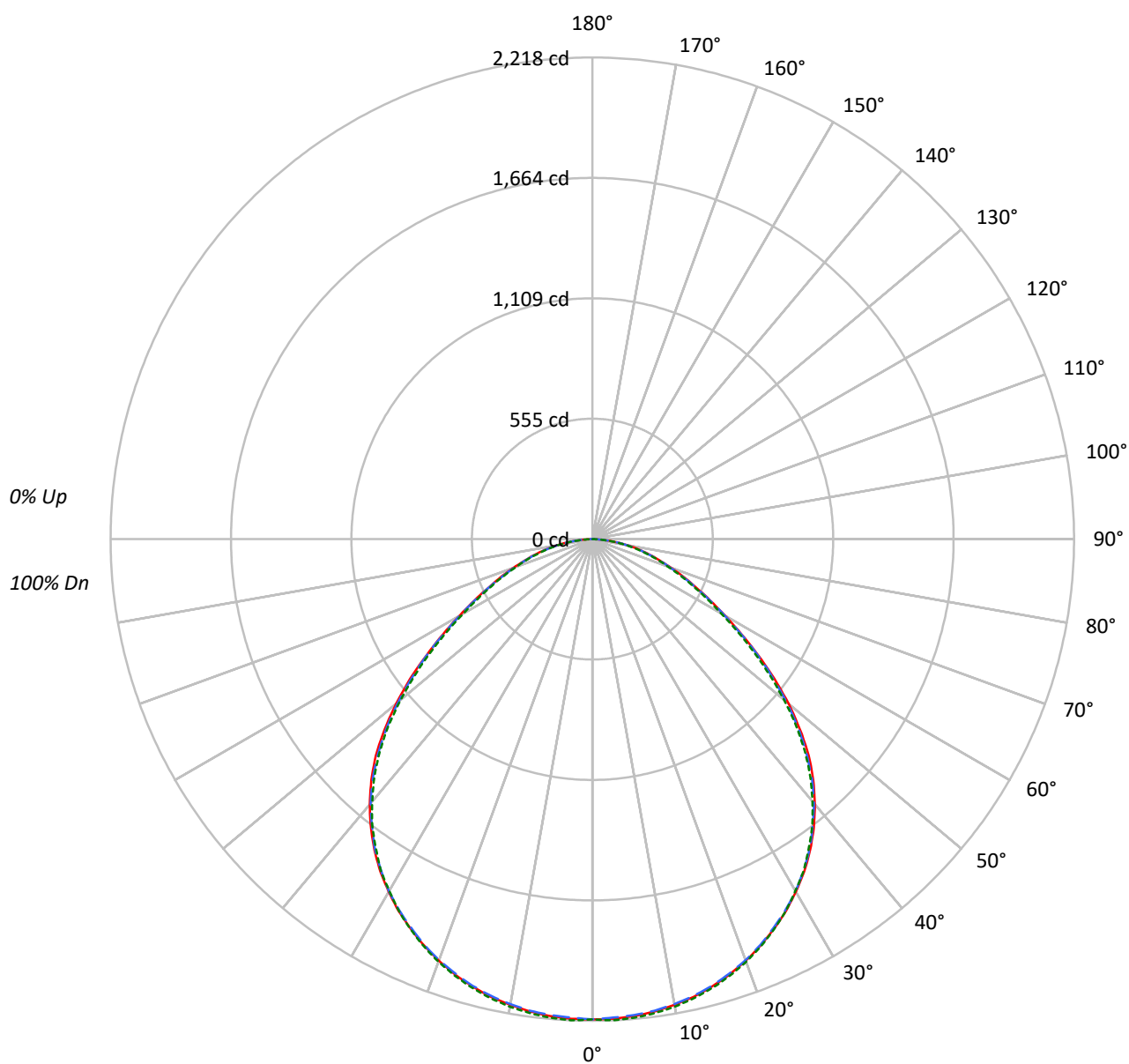
Lumens per Lamp: N/A
Luminaire Lumens: 5593.0 lumens
Efficiency: N/A
Efficacy: 88.8 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 1.26 / 1.34
Luminous Opening: Rectangular (W 1' x L: 4' x H: 0')
CIE Type: Direct

Input Watts (W): 63
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor:
Total Harmonic Distortion (THDi):
Frequency (hertz): 60
Stabilization Time: HR
Operation Time: HR
Ambient Temperature (°C): NR
Test Distance: 24 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
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
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	88	85		
2	100	93	86	81	98	91	85	80	87	82	78	84	80	76	81	78	75	73		
3	92	82	74	68	90	80	73	68	78	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	45	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	39	33	29	39	33	29	27		

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	5951	5951	5951
5°	5957	5944	5976
10°	5952	5942	5974
15°	5940	5932	5960
20°	5916	5908	5932
25°	5877	5863	5884
30°	5825	5818	5811
35°	5745	5731	5708
40°	5600	5577	5538
45°	5366	5306	5267
50°	4937	4882	4821
55°	4370	4351	4266
60°	3798	3784	3681
65°	3347	3326	3261
70°	3036	2993	2932
75°	2811	2746	2695
80°	2566	2531	2445
85°	2029	2010	1930

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 5366 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	209.8	3.8
10°-20°	602.1	10.8
20°-30°	912.2	16.3
30°-40°	1089.0	19.5
40°-50°	1070.9	19.1
50°-60°	827.7	14.8
60°-70°	521.9	9.3
70°-80°	282.3	5.0
80°-90°	77.1	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°	1724.1	30.8
0°-40°	2813.0	50.3
0°-60°	4711.6	84.2
0°-90°	5593.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	5593.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2212	2212	2212	2212	2212	
5°	2205	2206	2200	2210	2212	210
15°	2132	2133	2129	2136	2139	602
25°	1979	1981	1974	1981	1982	912
35°	1749	1749	1745	1742	1738	1092
45°	1410	1405	1394	1383	1384	1080
55°	931	939	927	912	909	836
65°	526	526	522	514	512	529
75°	270	267	264	266	259	287
85°	66	66	65	66	62	78
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2211.5	2211.5	2211.5	2211.5	2211.5
2.5°	2210.7	2211.5	2205.2	2215.6	2217.9
5°	2205.2	2206.1	2200.3	2209.8	2212.4
7.5°	2194.0	2195.7	2190.2	2199.7	2202.0
10°	2178.1	2179.9	2174.4	2183.9	2186.2
12.5°	2158.5	2159.1	2154.5	2163.2	2165.5
15°	2132.3	2132.9	2129.2	2136.1	2139.3
17.5°	2102.1	2103.0	2097.5	2106.1	2107.6
20°	2065.8	2066.4	2063.2	2070.4	2071.3
22.5°	2025.2	2026.9	2022.0	2028.4	2029.2
25°	1979.4	1980.9	1974.5	1980.9	1981.7
27.5°	1931.0	1931.6	1926.1	1931.0	1930.2
30°	1874.6	1879.5	1872.3	1870.6	1870.0
32.5°	1816.1	1816.7	1809.8	1808.1	1811.2
35°	1748.7	1749.3	1744.7	1742.4	1737.5
37.5°	1675.0	1675.0	1666.1	1664.6	1663.8
40°	1594.1	1593.2	1587.7	1582.3	1576.5
42.5°	1505.9	1507.7	1496.4	1486.9	1485.5
45°	1410.0	1404.6	1394.2	1383.3	1384.1
47.5°	1296.9	1298.3	1284.2	1275.3	1273.0
50°	1179.4	1179.4	1166.1	1156.6	1151.7
52.5°	1056.7	1057.5	1044.9	1032.2	1029.6
55°	931.4	939.2	927.4	912.4	909.2
57.5°	814.2	820.5	809.3	793.4	792.6
60°	705.6	706.2	703.0	688.0	684.0
62.5°	612.9	608.8	607.1	599.3	594.4
65°	525.6	526.5	522.4	513.5	512.1
67.5°	455.0	454.2	447.0	441.5	438.3
70°	385.9	383.6	380.4	375.8	372.7
72.5°	324.3	324.3	321.7	320.3	314.8
75°	270.4	267.3	264.1	265.5	259.2
77.5°	218.9	215.7	213.1	210.0	208.5
80°	165.6	162.4	163.3	158.4	157.8
82.5°	114.9	114.9	113.5	109.4	110.3
85°	65.7	66.5	65.1	65.7	62.5
87.5°	23.9	24.5	26.2	24.5	24.5
90°	0.0	0.0	0.0	0.0	0.0



— 0°-180° - - 45°-225° 90°-270°

(END OF REPORT)