

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: P1050335

Luminaire Tested: PTR-14-70-PP3-L935-UNV-STD-W

Issue Date: 7/11/2025

Test Information

Test Method: LM-79-2019
Report Number: P1050335
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P737727)
Test Lab: INNOVATION CENTER
Issue Date: 7/11/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: PTR-14-70-PP3-L935-UNV-STD-W
Description: 7000 LUMEN 1X4 PERCEIVE PT TROFFER WITH 3500K, 90 CRI LEDS AND PRISM LENS

Light Source:
Ballast/Driver: -

Summary

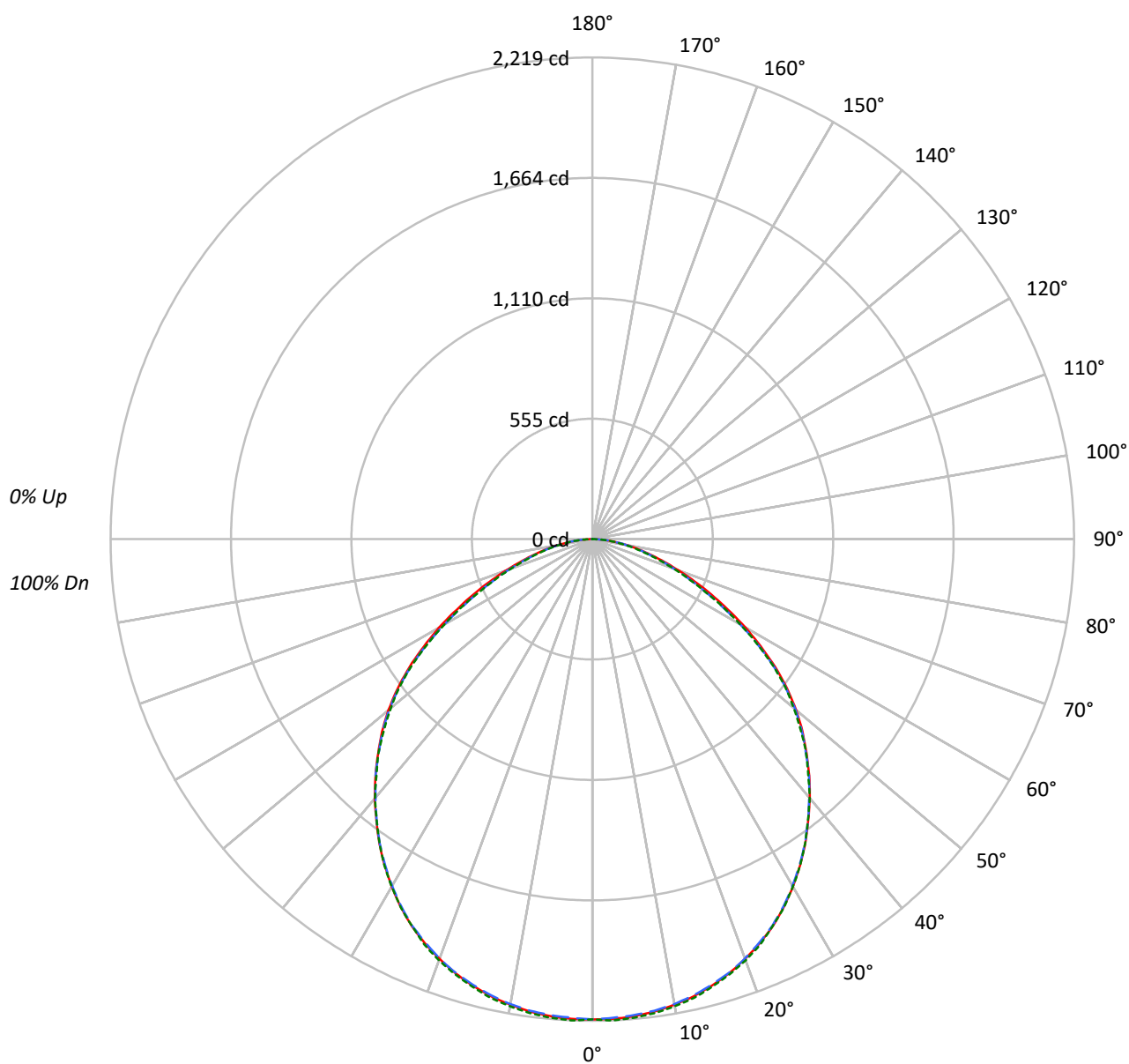
Lumens per Lamp: N/A
Luminaire Lumens: 5717.7 lumens
Efficiency: N/A
Efficacy: 90.8 lumens/watt
Spacing Criteria (0/90/45): 1.24 / 1.24 / 1.34
Luminous Opening: Rectangular (W 1' x L: 4' x H: 0')
CIE Type: Direct

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	109	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	78	84	79	76	81	77	74	72		
3	92	81	74	67	89	80	73	67	77	71	66	74	69	65	72	67	63	61		
4	84	73	64	58	82	71	63	57	69	62	56	66	60	56	64	59	55	53		
5	77	65	56	50	75	64	56	50	62	55	49	60	54	49	58	52	48	46		
6	72	59	50	44	70	58	50	44	56	49	43	54	48	43	53	47	42	40		
7	66	53	45	39	65	52	44	39	51	44	38	50	43	38	48	42	38	36		
8	62	49	40	35	60	48	40	35	47	39	34	45	39	34	44	38	34	32		
9	58	45	37	31	57	44	36	31	43	36	31	42	35	31	41	35	31	29		
10	54	41	34	28	53	41	33	28	40	33	28	39	33	28	38	32	28	26		

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	5955	5955	5955
5°	5960	5947	5979
10°	5952	5943	5972
15°	5933	5921	5948
20°	5893	5888	5913
25°	5841	5831	5838
30°	5743	5731	5743
35°	5618	5610	5615
40°	5474	5456	5471
45°	5309	5294	5300
50°	5132	5107	5071
55°	4831	4775	4760
60°	4384	4237	4244
65°	3851	3657	3652
70°	3330	3178	3142
75°	2880	2774	2713
80°	2551	2515	2402
85°	2109	2180	2053

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 22.5°

Vertical Angle: 45°

Luminance: 5328 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	209.9	3.7
10°-20°	601.2	10.5
20°-30°	905.2	15.8
30°-40°	1068.3	18.7
40°-50°	1074.4	18.8
50°-60°	907.1	15.9
60°-70°	582.5	10.2
70°-80°	289.7	5.1
80°-90°	79.4	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°	1716.3	30.0
0°-40°	2784.6	48.7
0°-60°	4766.1	83.4
0°-90°	5717.7	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	5717.7	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2213	2213	2213	2213	2213	
5°	2206	2207	2202	2212	2214	210
15°	2130	2130	2125	2135	2135	601
25°	1967	1968	1964	1968	1966	905
35°	1710	1711	1708	1709	1709	1069
45°	1395	1400	1391	1393	1393	1077
55°	1030	1029	1018	1014	1014	916
65°	605	596	574	569	574	603
75°	277	276	267	264	261	300
85°	68	71	71	66	66	80
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2213.0	2213.0	2213.0	2213.0	2213.0
2.5°	2212.1	2213.0	2207.1	2217.6	2219.4
5°	2206.5	2207.1	2201.6	2212.1	2213.5
7.5°	2195.2	2196.0	2191.1	2200.7	2202.5
10°	2178.2	2180.9	2175.0	2184.1	2185.5
12.5°	2157.5	2158.4	2152.5	2163.1	2164.8
15°	2129.5	2130.1	2125.4	2135.0	2135.0
17.5°	2097.1	2098.0	2094.8	2102.9	2102.1
20°	2058.0	2060.3	2056.2	2061.8	2065.0
22.5°	2015.4	2016.2	2011.3	2018.6	2021.8
25°	1967.2	1967.8	1964.0	1967.8	1966.3
27.5°	1910.9	1912.3	1906.8	1910.9	1911.8
30°	1848.1	1852.2	1844.3	1847.5	1848.1
32.5°	1780.7	1783.0	1777.5	1778.4	1782.5
35°	1710.1	1710.9	1707.7	1709.2	1709.2
37.5°	1633.9	1637.1	1632.1	1634.5	1631.3
40°	1558.3	1555.1	1553.3	1555.1	1557.4
42.5°	1478.6	1479.5	1477.2	1475.4	1471.6
45°	1395.1	1400.1	1391.1	1392.8	1392.8
47.5°	1313.4	1314.0	1309.3	1304.4	1301.2
50°	1225.9	1225.9	1220.0	1216.2	1211.3
52.5°	1130.1	1128.7	1122.2	1118.2	1120.5
55°	1029.7	1028.8	1017.8	1013.7	1014.5
57.5°	919.7	921.4	904.5	900.4	900.4
60°	814.6	806.4	787.2	781.6	788.6
62.5°	704.3	694.7	673.9	673.9	679.5
65°	604.8	596.0	574.4	568.6	573.5
67.5°	511.6	503.5	483.6	480.4	481.9
70°	423.2	416.2	403.9	396.7	399.3
72.5°	347.0	340.6	332.4	326.9	323.7
75°	277.0	275.5	266.8	264.1	260.9
77.5°	219.2	218.6	211.3	208.1	204.9
80°	164.6	163.7	162.3	157.3	155.0
82.5°	117.3	117.3	116.5	112.4	110.0
85°	68.3	70.6	70.6	66.5	66.5
87.5°	27.4	28.9	27.4	27.4	26.6
90°	0.0	0.0	0.0	0.0	0.0



— 0°-180° - - 45°-225° 90°-270°

(END OF REPORT)