

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: P1050332

Luminaire Tested: PTR-14-70-PP3-L930-UNV-STD-W

Issue Date: 7/11/2025

Test Information

Test Method: LM-79-2019
Report Number: P1050332
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-L930-UNV-STD-W
Description: 7000 LUMEN 1X4 PERCEIVE PT TROFFER WITH 3000K, 90 CRI LEDS AND PRISM LENS

Light Source:
Ballast/Driver: -

Summary

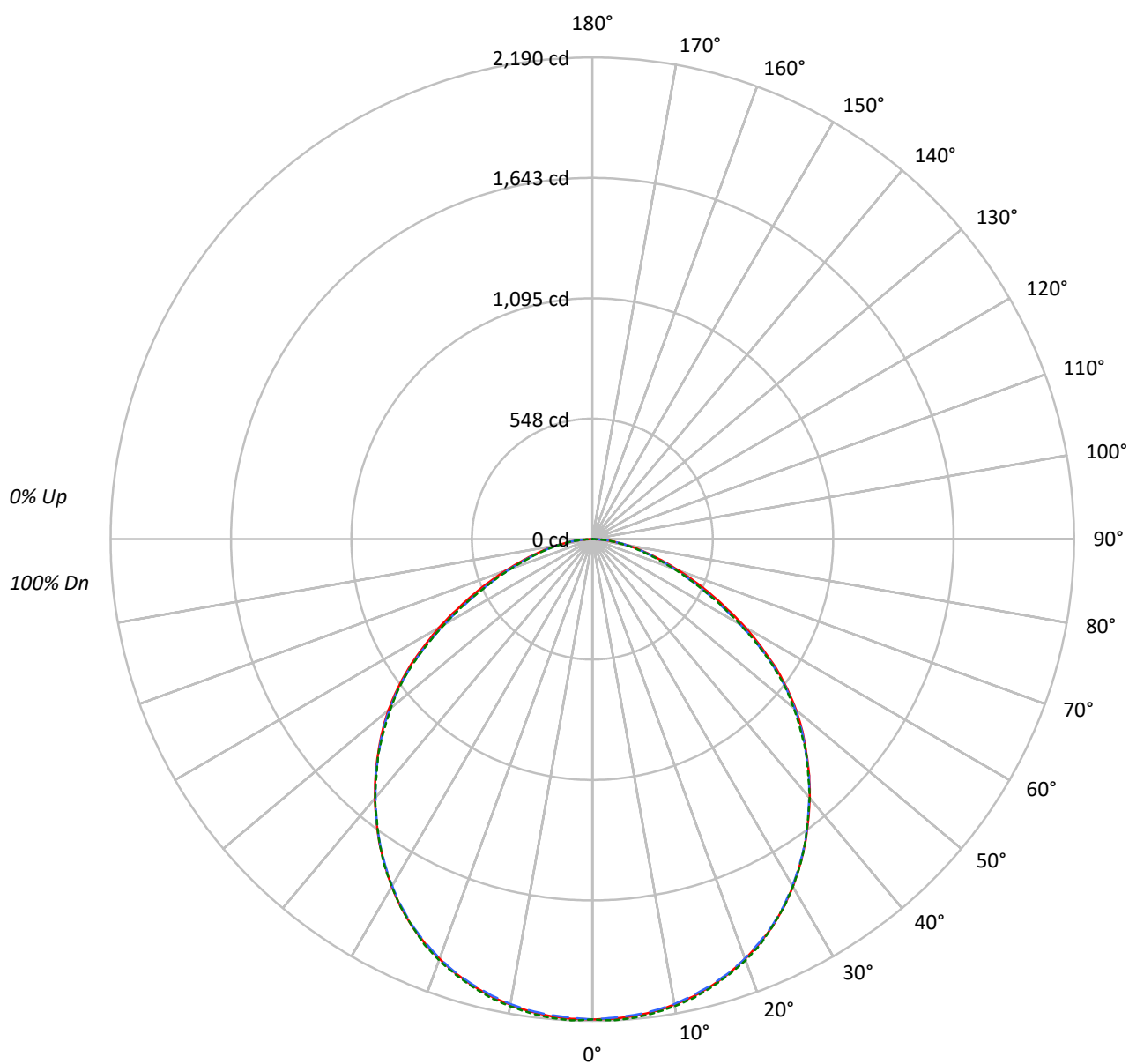
Lumens per Lamp: N/A
Luminaire Lumens: 5641.9 lumens
Efficiency: N/A
Efficacy: 89.6 lumens/watt
Spacing Criteria (0/90/45): 1.24 / 1.24 / 1.34
Luminous Opening: Rectangular (W 1' x L: 4' x H: 0')
CIE Type: Direct

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	102	102	100
1	109	105	101	97	107	103	99	96	99	96	93	95	92	90	91	89	87	87	87	85
2	100	92	86	80	97	90	84	79	87	82	78	84	79	76	81	77	74	74	74	72
3	92	81	74	67	89	80	73	67	77	71	66	74	69	65	72	67	63	63	63	61
4	84	73	64	58	82	71	63	57	69	62	56	66	60	56	64	59	55	55	55	53
5	77	65	56	50	75	64	56	50	62	55	49	60	54	49	58	52	48	48	48	46
6	72	59	50	44	70	58	50	44	56	49	43	54	48	43	53	47	42	42	42	40
7	66	53	45	39	65	52	44	39	51	44	38	50	43	38	48	42	38	38	38	36
8	62	49	40	35	60	48	40	35	47	39	34	45	39	34	44	38	34	34	34	32
9	58	45	37	31	57	44	36	31	43	36	31	42	35	31	41	35	31	31	31	29
10	54	41	34	28	53	41	33	28	40	33	28	39	33	28	38	32	28	28	28	26

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	5876	5876	5876
5°	5881	5868	5900
10°	5873	5864	5893
15°	5854	5843	5869
20°	5815	5810	5835
25°	5763	5754	5761
30°	5666	5655	5666
35°	5543	5536	5540
40°	5401	5384	5399
45°	5239	5224	5230
50°	5064	5040	5004
55°	4767	4712	4697
60°	4326	4180	4188
65°	3799	3609	3603
70°	3286	3136	3100
75°	2842	2737	2677
80°	2517	2481	2369
85°	2081	2152	2029

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 22.5°

Vertical Angle: 45°

Luminance: 5257 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	207.1	3.7
10°-20°	593.3	10.5
20°-30°	893.2	15.8
30°-40°	1054.2	18.7
40°-50°	1060.2	18.8
50°-60°	895.0	15.9
60°-70°	574.8	10.2
70°-80°	285.9	5.1
80°-90°	78.3	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°	1693.5	30.0
0°-40°	2747.7	48.7
0°-60°	4702.9	83.4
0°-90°	5641.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	5641.9	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2184	2184	2184	2184	2184	
5°	2177	2178	2172	2183	2184	207
15°	2101	2102	2097	2107	2107	593
25°	1941	1942	1938	1942	1940	893
35°	1687	1688	1685	1686	1686	1055
45°	1377	1382	1373	1374	1374	1062
55°	1016	1015	1004	1000	1001	904
65°	597	588	567	561	566	595
75°	273	272	263	261	258	296
85°	67	70	70	66	66	79
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2183.6	2183.6	2183.6	2183.6	2183.6
2.5°	2182.7	2183.6	2177.9	2188.2	2189.9
5°	2177.3	2177.9	2172.4	2182.7	2184.2
7.5°	2166.0	2166.9	2162.0	2171.5	2173.2
10°	2149.3	2151.9	2146.2	2155.1	2156.5
12.5°	2128.9	2129.8	2124.0	2134.4	2136.1
15°	2101.2	2101.8	2097.2	2106.7	2106.7
17.5°	2069.3	2070.1	2067.0	2075.0	2074.2
20°	2030.7	2033.0	2029.0	2034.4	2037.6
22.5°	1988.6	1989.5	1984.6	1991.8	1995.0
25°	1941.1	1941.7	1937.9	1941.7	1940.3
27.5°	1885.5	1887.0	1881.5	1885.5	1886.4
30°	1823.6	1827.6	1819.9	1823.0	1823.6
32.5°	1757.1	1759.4	1753.9	1754.8	1758.8
35°	1687.4	1688.3	1685.1	1686.5	1686.5
37.5°	1612.2	1615.4	1610.5	1612.8	1609.6
40°	1537.6	1534.5	1532.7	1534.5	1536.8
42.5°	1459.0	1459.9	1457.6	1455.8	1452.1
45°	1376.6	1381.5	1372.6	1374.3	1374.3
47.5°	1296.0	1296.6	1292.0	1287.1	1283.9
50°	1209.6	1209.6	1203.8	1200.1	1195.2
52.5°	1115.1	1113.7	1107.4	1103.3	1105.6
55°	1016.1	1015.2	1004.3	1000.2	1001.1
57.5°	907.5	909.2	892.5	888.5	888.5
60°	803.8	795.7	776.7	771.3	778.2
62.5°	694.9	685.4	665.0	665.0	670.5
65°	596.7	588.1	566.8	561.0	565.9
67.5°	504.9	496.8	477.2	474.0	475.5
70°	417.6	410.7	398.6	391.4	394.0
72.5°	342.4	336.1	328.0	322.6	319.4
75°	273.3	271.9	263.2	260.6	257.5
77.5°	216.3	215.7	208.5	205.3	202.2
80°	162.4	161.6	160.1	155.2	152.9
82.5°	115.8	115.8	114.9	110.9	108.6
85°	67.4	69.7	69.7	65.7	65.7
87.5°	27.1	28.5	27.1	27.1	26.2
90°	0.0	0.0	0.0	0.0	0.0



— 0°-180° - - 45°-225° 90°-270°

(END OF REPORT)