

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: P1050188

Luminaire Tested: PTR-14-70-PC3-L935-UNV-STD-W

Issue Date: 7/11/2025

Test Information

Test Method: LM-79-2019
Report Number: P1050188
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P737711)
Test Lab: INNOVATION CENTER
Issue Date: 7/11/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: PTR-14-70-PC3-L935-UNV-STD-W
Description: 7000 LUMEN 1X4 PERCEIVE PT TROFFER WITH 3500K, 90 CRI LEDS AND PARAMID LENS

Light Source:
Ballast/Driver: -

Summary

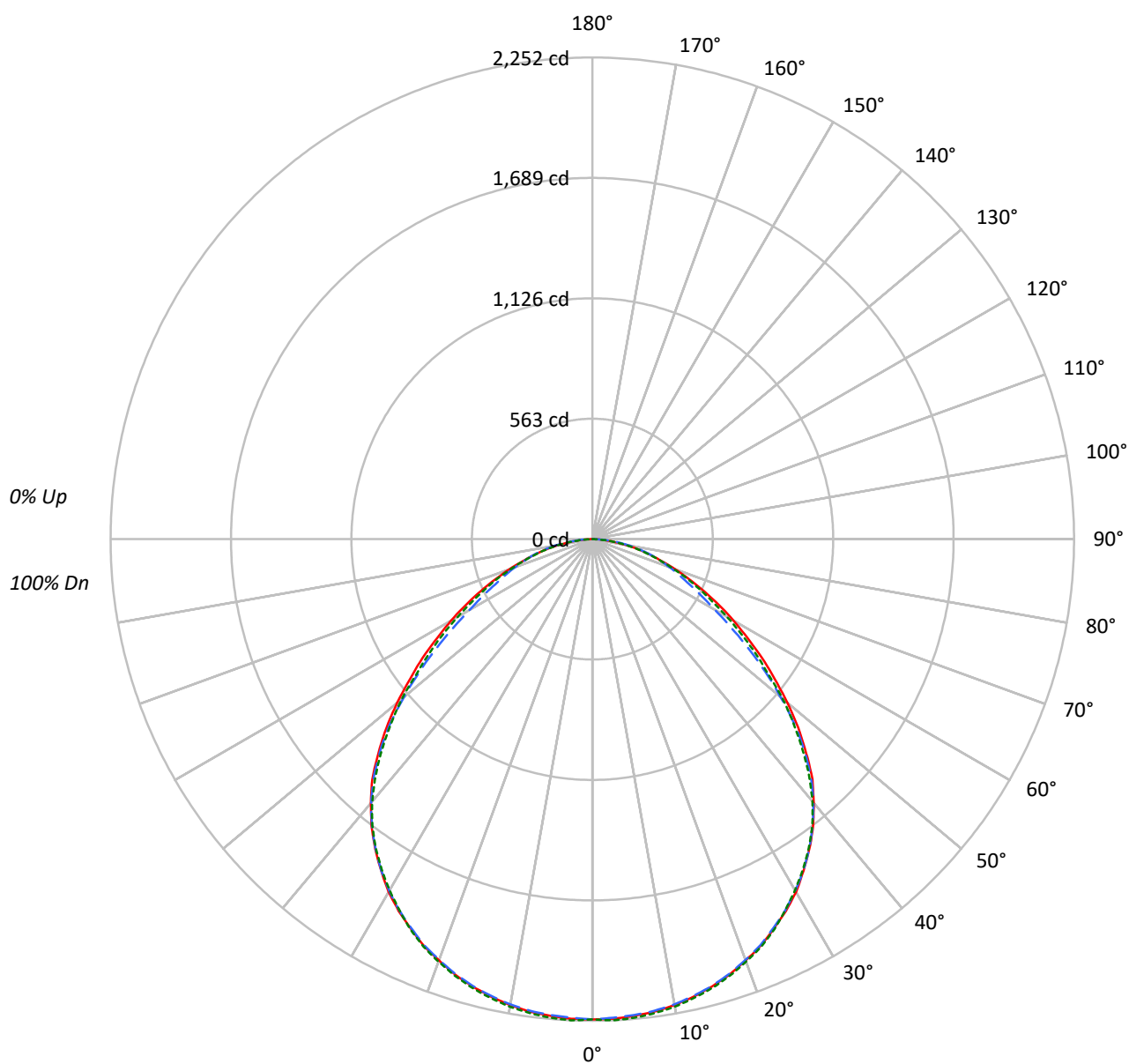
Lumens per Lamp: N/A
Luminaire Lumens: 5662.1 lumens
Efficiency: N/A
Efficacy: 89.9 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 1.25 / 1.34
Luminous Opening: Rectangular (W 1' x L: 4' x H: 0')
CIE Type: Direct

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	87	85		
2	100	93	86	81	98	91	85	80	87	82	78	84	80	76	81	78	75	72		
3	92	82	74	68	90	80	73	68	77	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	46	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	40	33	29	39	33	29	27		

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	6044	6044	6044
5°	6045	6034	6069
10°	6045	6034	6067
15°	6031	6024	6051
20°	6003	5994	6020
25°	5963	5953	5977
30°	5918	5898	5888
35°	5811	5805	5795
40°	5657	5649	5623
45°	5380	5340	5286
50°	4980	4813	4867
55°	4545	4176	4364
60°	4098	3562	3908
65°	3663	3187	3514
70°	3249	3015	3160
75°	2874	2923	2816
80°	2478	2791	2466
85°	1856	2208	1856

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 22.5°

Vertical Angle: 45°

Luminance: 5393 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	213.0	3.8
10°-20°	611.4	10.8
20°-30°	925.7	16.3
30°-40°	1103.7	19.5
40°-50°	1078.4	19.0
50°-60°	824.6	14.6
60°-70°	529.4	9.4
70°-80°	294.5	5.2
80°-90°	81.3	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°	1750.1	30.9
0°-40°	2853.8	50.4
0°-60°	4756.8	84.0
0°-90°	5662.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	5662.1	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2246	2246	2246	2246	2246	
5°	2238	2239	2234	2244	2247	213
15°	2165	2166	2162	2170	2172	611
25°	2008	2011	2005	2012	2013	926
35°	1769	1770	1767	1766	1764	1105
45°	1414	1417	1403	1400	1389	1088
55°	969	935	890	901	930	866
65°	575	531	500	517	552	574
75°	276	279	281	277	271	295
85°	60	71	72	69	60	74
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2245.9	2245.9	2245.9	2245.9	2245.9
2.5°	2244.4	2245.3	2239.4	2249.1	2252.3
5°	2238.0	2239.4	2233.9	2244.4	2246.7
7.5°	2228.3	2229.8	2224.3	2234.8	2235.6
10°	2212.3	2213.2	2208.2	2218.7	2220.2
12.5°	2190.7	2193.0	2187.5	2197.1	2197.7
15°	2164.7	2166.5	2162.4	2169.7	2172.0
17.5°	2134.4	2135.2	2131.2	2139.0	2139.9
20°	2096.4	2096.4	2093.2	2102.3	2102.3
22.5°	2057.9	2055.6	2054.7	2057.9	2062.9
25°	2008.3	2010.6	2005.1	2011.5	2012.9
27.5°	1960.1	1960.1	1955.2	1958.4	1954.3
30°	1904.7	1901.5	1898.2	1898.8	1895.0
32.5°	1837.8	1837.8	1836.4	1836.4	1831.4
35°	1769.0	1770.4	1767.2	1766.3	1764.0
37.5°	1694.8	1697.4	1691.6	1690.2	1688.4
40°	1610.5	1610.5	1608.1	1604.9	1600.8
42.5°	1522.9	1522.9	1512.7	1504.5	1499.0
45°	1413.8	1417.0	1403.3	1400.0	1389.0
47.5°	1305.2	1302.9	1284.5	1282.1	1275.7
50°	1189.6	1175.9	1149.6	1156.6	1162.5
52.5°	1074.0	1057.1	1018.6	1026.5	1036.1
55°	968.7	935.1	890.2	901.3	930.2
57.5°	858.6	813.7	768.8	789.8	825.7
60°	761.5	711.0	661.9	684.4	726.1
62.5°	668.4	614.7	575.3	596.9	632.2
65°	575.3	530.9	500.5	517.2	551.9
67.5°	490.0	460.3	439.5	447.4	475.4
70°	413.0	394.3	383.2	385.5	401.6
72.5°	339.7	335.1	331.0	331.0	332.4
75°	276.4	278.7	281.1	277.3	270.8
77.5°	217.7	225.6	231.4	223.3	215.4
80°	159.9	172.8	180.1	171.0	159.1
82.5°	109.2	123.7	126.1	120.5	106.8
85°	60.1	70.6	71.5	69.2	60.1
87.5°	22.5	26.6	28.9	26.6	23.3
90°	0.0	0.0	0.0	0.0	0.0



— 0°-180° - - 45°-225° 90°-270°

(END OF REPORT)