

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: P1050361

Luminaire Tested: PTR-14-60-PP3-L835-UNV-STD-W

Issue Date: 7/11/2025

Test Information

Test Method: LM-79-2019
Report Number: P1050361
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-14-60-PP3-L835-UNV-STD-W
Description: 8000 LUMEN 1X4 PERCEIVE PT TROFFER WITH 3500K, 80 CRI LEDS AND PRISM LENS

Light Source:
Ballast/Driver: -

Summary

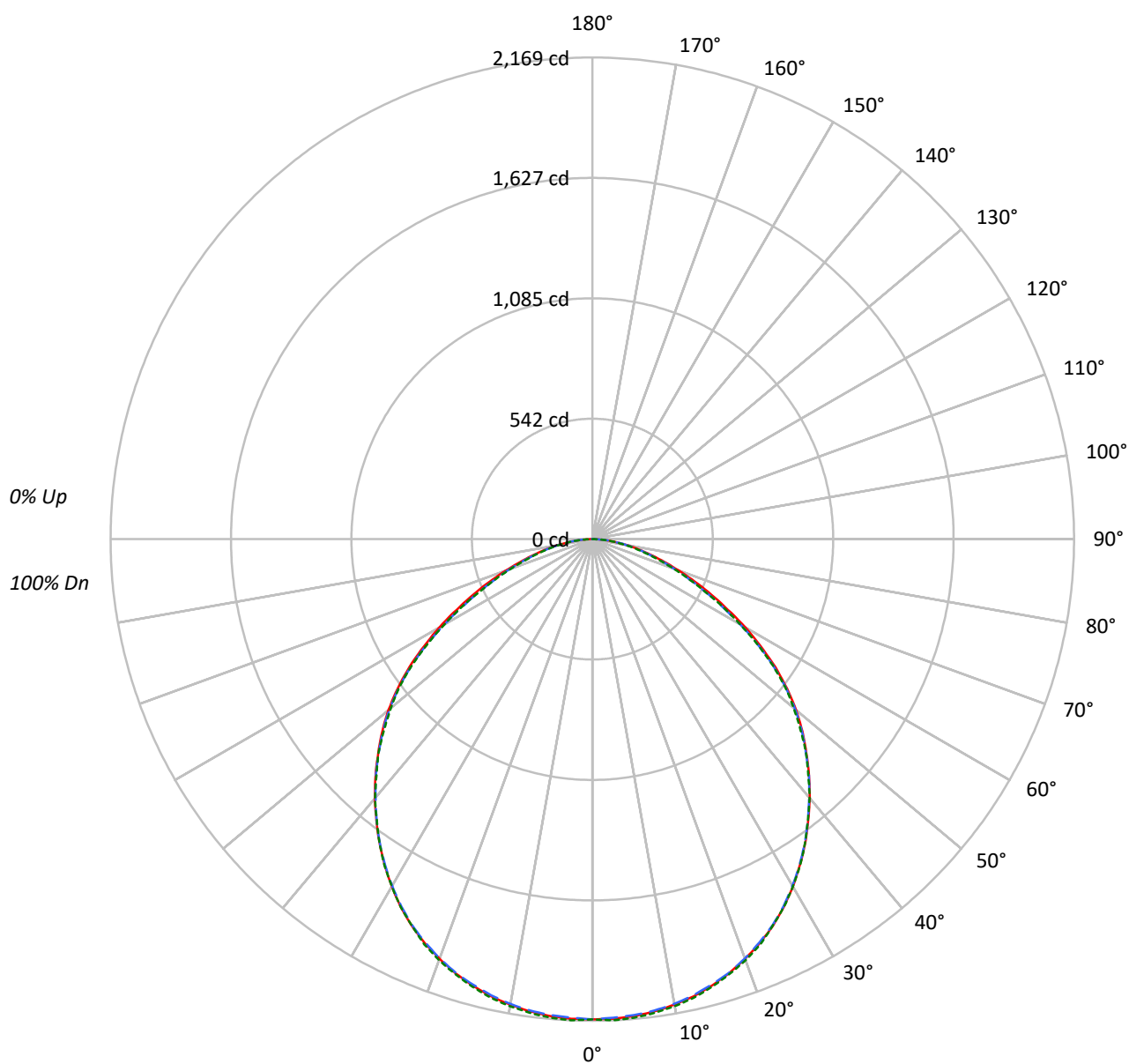
Lumens per Lamp: N/A
Luminaire Lumens: 5587.4 lumens
Efficiency: N/A
Efficacy: 112.2 lumens/watt
Spacing Criteria (0/90/45): 1.24 / 1.24 / 1.34
Luminous Opening: Rectangular (W 1' x L: 4' x H: 0')
CIE Type: Direct

Input Watts (W): 49.8
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°	5819	5819	5819
5°	5824	5811	5843
10°	5816	5808	5836
15°	5797	5786	5813
20°	5759	5754	5779
25°	5708	5698	5705
30°	5612	5600	5612
35°	5490	5482	5487
40°	5349	5332	5346
45°	5188	5173	5180
50°	5015	4991	4955
55°	4721	4666	4651
60°	4284	4140	4148
65°	3763	3574	3569
70°	3254	3105	3070
75°	2815	2711	2651
80°	2493	2458	2348
85°	2059	2130	2007

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 22.5°

Vertical Angle: 45°

Luminance: 5207 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	205.1	3.7
10°-20°	587.5	10.5
20°-30°	884.5	15.8
30°-40°	1044.0	18.7
40°-50°	1049.9	18.8
50°-60°	886.4	15.9
60°-70°	569.3	10.2
70°-80°	283.1	5.1
80°-90°	77.6	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°	1677.1	30.0
0°-40°	2721.1	48.7
0°-60°	4657.4	83.4
0°-90°	5587.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	5587.4	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2162	2162	2162	2162	2162	
5°	2156	2157	2151	2162	2163	205
15°	2081	2082	2077	2086	2086	587
25°	1922	1923	1919	1923	1922	885
35°	1671	1672	1669	1670	1670	1044
45°	1363	1368	1359	1361	1361	1052
55°	1006	1005	995	991	991	895
65°	591	582	561	556	560	589
75°	271	269	261	258	255	293
85°	67	69	69	65	65	79
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2162.5	2162.5	2162.5	2162.5	2162.5
2.5°	2161.7	2162.5	2156.8	2167.1	2168.8
5°	2156.2	2156.8	2151.4	2161.7	2163.1
7.5°	2145.1	2146.0	2141.1	2150.5	2152.2
10°	2128.6	2131.1	2125.4	2134.3	2135.7
12.5°	2108.3	2109.2	2103.5	2113.7	2115.5
15°	2080.9	2081.5	2076.9	2086.4	2086.4
17.5°	2049.3	2050.1	2047.0	2055.0	2054.1
20°	2011.1	2013.3	2009.4	2014.8	2017.9
22.5°	1969.4	1970.3	1965.4	1972.6	1975.7
25°	1922.4	1922.9	1919.2	1922.9	1921.5
27.5°	1867.3	1868.7	1863.3	1867.3	1868.2
30°	1806.0	1810.0	1802.3	1805.4	1806.0
32.5°	1740.1	1742.4	1737.0	1737.8	1741.8
35°	1671.1	1671.9	1668.8	1670.2	1670.2
37.5°	1596.6	1599.8	1594.9	1597.2	1594.1
40°	1522.8	1519.6	1517.9	1519.6	1521.9
42.5°	1444.9	1445.8	1443.5	1441.8	1438.1
45°	1363.3	1368.2	1359.3	1361.1	1361.1
47.5°	1283.5	1284.0	1279.5	1274.6	1271.5
50°	1197.9	1197.9	1192.2	1188.5	1183.6
52.5°	1104.4	1102.9	1096.7	1092.7	1094.9
55°	1006.2	1005.4	994.6	990.6	991.4
57.5°	898.7	900.4	883.9	879.9	879.9
60°	796.0	788.1	769.2	763.8	770.7
62.5°	688.2	678.8	658.6	658.6	664.0
65°	591.0	582.4	561.3	555.6	560.5
67.5°	500.0	492.0	472.6	469.5	470.9
70°	413.6	406.7	394.7	387.6	390.2
72.5°	339.1	332.8	324.9	319.4	316.3
75°	270.7	269.2	260.7	258.1	255.0
77.5°	214.2	213.6	206.5	203.4	200.2
80°	160.9	160.0	158.6	153.7	151.5
82.5°	114.7	114.7	113.8	109.8	107.5
85°	66.7	69.0	69.0	65.0	65.0
87.5°	26.8	28.2	26.8	26.8	26.0
90°	0.0	0.0	0.0	0.0	0.0



— 0°-180° - - 45°-225° 90°-270°

(END OF REPORT)