

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: P1050912

Luminaire Tested: 24PTR-72-PP3-L935-UNV-STD-W

Issue Date: 7/11/2025

Test Information

Test Method: LM-79-2019
Report Number: P1050912
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: 24PTR-72-PP3-L935-UNV-STD-W
Description: 7200 LUMEN 2X4 PERCEIVE PT TROFFER WITH 3500K, 90 CRI LEDS AND PRISM LENS

Light Source:
Ballast/Driver: -

Summary

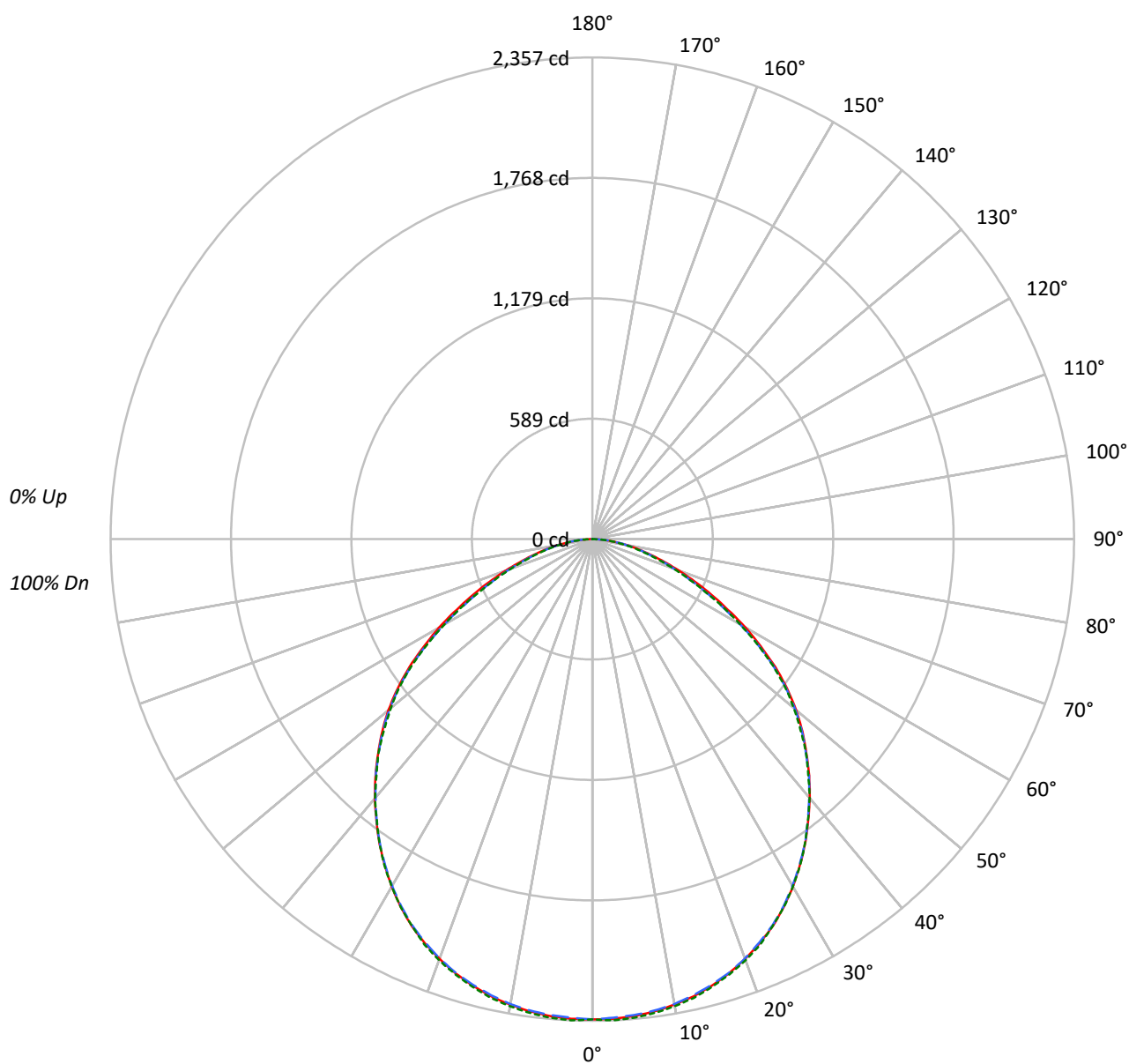
Lumens per Lamp: N/A
Luminaire Lumens: 6072.2 lumens
Efficiency: N/A
Efficacy: 101.2 lumens/watt
Spacing Criteria (0/90/45): 1.24 / 1.24 / 1.34
Luminous Opening: Rectangular (W 2' x L: 4' x H: 0')
CIE Type: Direct

Input Watts (W): 60
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

TEST NUMBER: P1050912

CATALOG NUMBER: 24PTR-72-PP3-L935-UNV-STD-W

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°	3162	3162	3162
5°	3165	3158	3175
10°	3161	3156	3171
15°	3150	3144	3158
20°	3129	3127	3140
25°	3102	3096	3100
30°	3049	3043	3049
35°	2983	2979	2981
40°	2907	2897	2905
45°	2819	2811	2814
50°	2725	2712	2692
55°	2565	2535	2527
60°	2328	2250	2254
65°	2045	1942	1939
70°	1768	1688	1668
75°	1529	1473	1441
80°	1354	1335	1275
85°	1119	1158	1091

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 22.5°

Vertical Angle: 45°

Luminance: 2829 cd/sqm

TEST NUMBER: P1050912

CATALOG NUMBER: 24PTR-72-PP3-L935-UNV-STD-W

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	222.9	3.7
10°-20°	638.5	10.5
20°-30°	961.3	15.8
30°-40°	1134.6	18.7
40°-50°	1141.0	18.8
50°-60°	963.3	15.9
60°-70°	618.6	10.2
70°-80°	307.7	5.1
80°-90°	84.3	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°	1822.7	30.0
0°-40°	2957.2	48.7
0°-60°	5061.5	83.4
0°-90°	6072.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	6072.2	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2350	2350	2350	2350	2350	
5°	2343	2344	2338	2349	2351	223
15°	2262	2262	2257	2267	2267	638
25°	2089	2090	2086	2090	2088	961
35°	1816	1817	1814	1815	1815	1135
45°	1482	1487	1477	1479	1479	1143
55°	1094	1093	1081	1076	1077	973
65°	642	633	610	604	609	640
75°	294	293	283	280	277	318
85°	72	75	75	71	71	85
90°	0	0	0	0	0	

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CATALOG NUMBER: 24PTR-72-PP3-L935-UNV-STD-W

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2350.1	2350.1	2350.1	2350.1	2350.1
2.5°	2349.2	2350.1	2343.9	2355.1	2357.0
5°	2343.3	2343.9	2338.1	2349.2	2350.8
7.5°	2331.2	2332.2	2326.9	2337.1	2339.0
10°	2313.3	2316.0	2309.9	2319.5	2321.0
12.5°	2291.3	2292.2	2286.0	2297.1	2299.0
15°	2261.5	2262.1	2257.2	2267.4	2267.4
17.5°	2227.1	2228.0	2224.6	2233.3	2232.4
20°	2185.6	2188.0	2183.7	2189.6	2193.0
22.5°	2140.3	2141.2	2136.0	2143.7	2147.1
25°	2089.2	2089.8	2085.7	2089.8	2088.2
27.5°	2029.3	2030.9	2025.0	2029.3	2030.3
30°	1962.7	1967.0	1958.7	1962.1	1962.7
32.5°	1891.1	1893.6	1887.7	1888.6	1892.9
35°	1816.1	1817.0	1813.6	1815.1	1815.1
37.5°	1735.2	1738.6	1733.3	1735.8	1732.4
40°	1654.9	1651.5	1649.6	1651.5	1654.0
42.5°	1570.3	1571.2	1568.7	1566.9	1562.8
45°	1481.6	1486.9	1477.3	1479.1	1479.1
47.5°	1394.8	1395.5	1390.5	1385.2	1381.8
50°	1301.8	1301.8	1295.6	1291.6	1286.3
52.5°	1200.2	1198.6	1191.8	1187.5	1190.0
55°	1093.6	1092.6	1080.8	1076.5	1077.4
57.5°	976.7	978.6	960.6	956.2	956.2
60°	865.1	856.4	836.0	830.1	837.5
62.5°	747.9	737.7	715.7	715.7	721.6
65°	642.2	632.9	610.0	603.8	609.1
67.5°	543.4	534.7	513.6	510.2	511.8
70°	449.4	442.0	429.0	421.2	424.0
72.5°	368.5	361.7	353.0	347.2	343.7
75°	294.2	292.6	283.3	280.5	277.1
77.5°	232.8	232.2	224.4	221.0	217.6
80°	174.8	173.9	172.3	167.1	164.6
82.5°	124.6	124.6	123.7	119.3	116.9
85°	72.5	75.0	75.0	70.7	70.7
87.5°	29.1	30.7	29.1	29.1	28.2
90°	0.0	0.0	0.0	0.0	0.0



— 0°-180° - - 45°-225° 90°-270°

(END OF REPORT)