

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: P1050906

Luminaire Tested: 24PTR-30-PP3-L935-UNV-STD-W

Issue Date: 7/11/2025

Test Information

Test Method: LM-79-2019
Report Number: P1050906
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-30-PP3-L935-UNV-STD-W
Description: 3000 LUMEN 2X4 PERCEIVE PT TROFFER WITH 3500K, 90 CRI LEDS AND PRISM LENS

Light Source:
Ballast/Driver: -

Summary

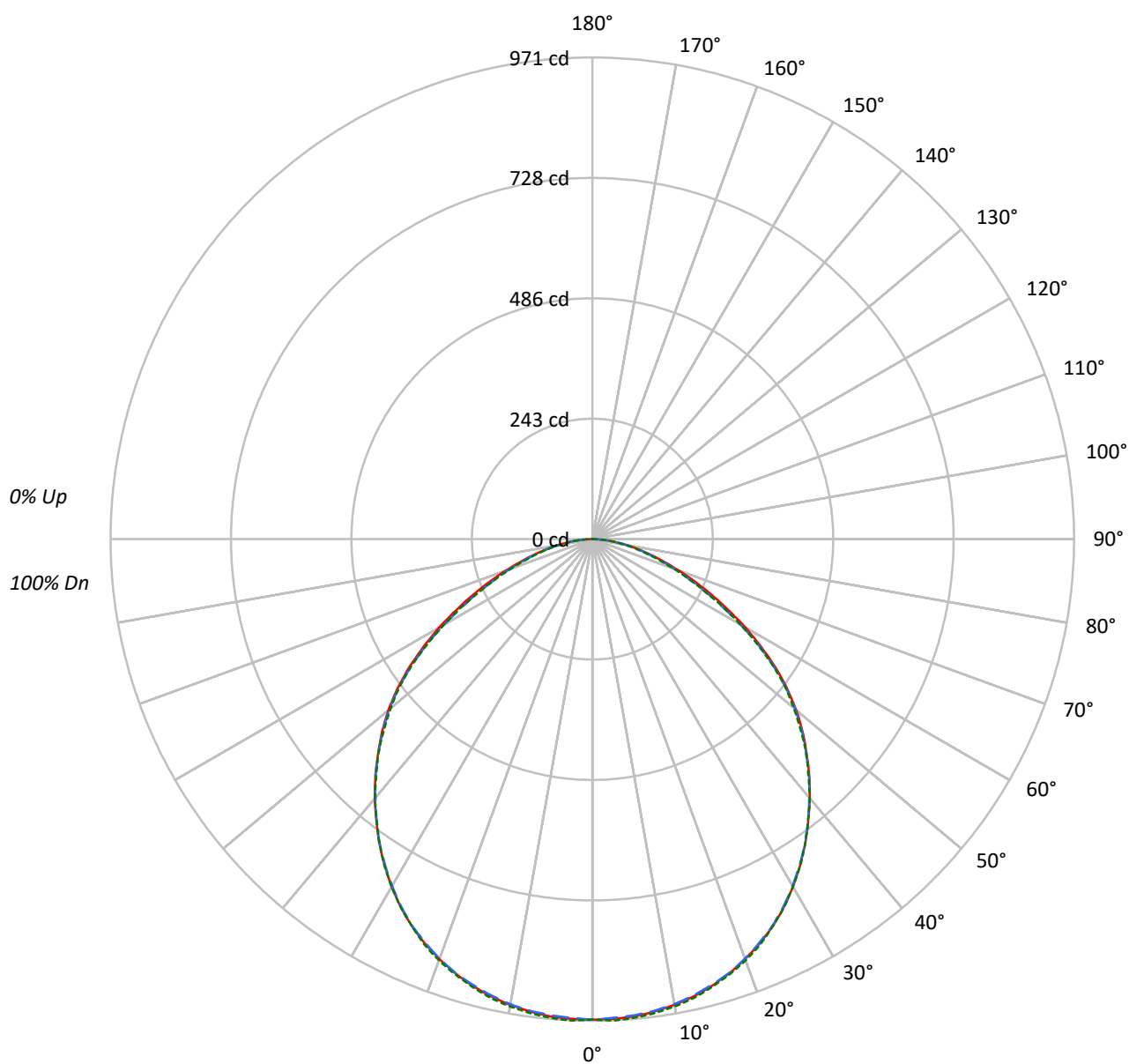
Lumens per Lamp: N/A
Luminaire Lumens: 2502.6 lumens
Efficiency: N/A
Efficacy: 104.3 lumens/watt
Spacing Criteria (0/90/45): 1.24 / 1.24 / 1.34
Luminous Opening: Rectangular (W 2' x L: 4' x H: 0')
CIE Type: Direct

Input Watts (W): 24
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°	1303	1303	1303
5°	1304	1301	1308
10°	1303	1301	1307
15°	1298	1296	1302
20°	1290	1289	1294
25°	1278	1276	1278
30°	1257	1254	1257
35°	1229	1228	1229
40°	1198	1194	1197
45°	1162	1159	1160
50°	1123	1118	1110
55°	1057	1045	1042
60°	959	927	929
65°	843	800	799
70°	729	696	688
75°	630	607	594
80°	559	550	525
85°	462	477	449

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 22.5°

Vertical Angle: 45°

Luminance: 1166 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	91.9	3.7
10°-20°	263.2	10.5
20°-30°	396.2	15.8
30°-40°	467.6	18.7
40°-50°	470.3	18.8
50°-60°	397.0	15.9
60°-70°	255.0	10.2
70°-80°	126.8	5.1
80°-90°	34.7	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°	751.2	30.0
0°-40°	1218.8	48.7
0°-60°	2086.1	83.4
0°-90°	2502.6	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2502.6	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	969	969	969	969	969	
5°	966	966	964	968	969	92
15°	932	932	930	934	934	263
25°	861	861	860	861	861	396
35°	748	749	748	748	748	468
45°	611	613	609	610	610	471
55°	451	450	446	444	444	401
65°	265	261	251	249	251	264
75°	121	121	117	116	114	131
85°	30	31	31	29	29	35
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	968.6	968.6	968.6	968.6	968.6
2.5°	968.2	968.6	966.0	970.6	971.4
5°	965.8	966.0	963.6	968.2	968.8
7.5°	960.8	961.2	959.0	963.2	964.0
10°	953.4	954.5	952.0	955.9	956.6
12.5°	944.3	944.7	942.1	946.7	947.5
15°	932.1	932.3	930.3	934.5	934.5
17.5°	917.9	918.3	916.9	920.4	920.0
20°	900.8	901.8	900.0	902.4	903.8
22.5°	882.1	882.5	880.3	883.5	884.9
25°	861.0	861.3	859.6	861.3	860.6
27.5°	836.4	837.0	834.6	836.4	836.8
30°	808.9	810.7	807.2	808.6	808.9
32.5°	779.4	780.4	778.0	778.4	780.2
35°	748.5	748.9	747.5	748.1	748.1
37.5°	715.1	716.5	714.4	715.4	714.0
40°	682.1	680.6	679.9	680.6	681.7
42.5°	647.2	647.6	646.5	645.8	644.1
45°	610.6	612.8	608.9	609.6	609.6
47.5°	574.9	575.1	573.1	570.9	569.5
50°	536.5	536.5	534.0	532.3	530.2
52.5°	494.6	494.0	491.2	489.4	490.4
55°	450.7	450.3	445.5	443.7	444.1
57.5°	402.5	403.3	395.9	394.1	394.1
60°	356.5	353.0	344.5	342.1	345.2
62.5°	308.3	304.0	295.0	295.0	297.4
65°	264.7	260.9	251.4	248.9	251.0
67.5°	223.9	220.4	211.7	210.3	210.9
70°	185.2	182.2	176.8	173.6	174.8
72.5°	151.9	149.1	145.5	143.1	141.7
75°	121.2	120.6	116.8	115.6	114.2
77.5°	95.9	95.7	92.5	91.1	89.7
80°	72.1	71.7	71.0	68.9	67.8
82.5°	51.4	51.4	51.0	49.2	48.2
85°	29.9	30.9	30.9	29.1	29.1
87.5°	12.0	12.6	12.0	12.0	11.6
90°	0.0	0.0	0.0	0.0	0.0



— 0°-180° - - 45°-225° 90°-270°

(END OF REPORT)