

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: P1050510

Luminaire Tested: 24PTR-30-L930-UNV-STD-W

Issue Date: 7/11/2025

Test Information

Test Method: LM-79-2019
Report Number: P1050510
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2310-200-1)
Test Lab: INNOVATION CENTER
Issue Date: 7/11/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: 24PTR-30-L930-UNV-STD-W
Description: 3000 LUMEN 2X4 PERCEIVE PT TROFFER WITH 3000K, 90 CRI LEDS AND FROSTED LENS

Light Source:
Ballast/Driver: -

Summary

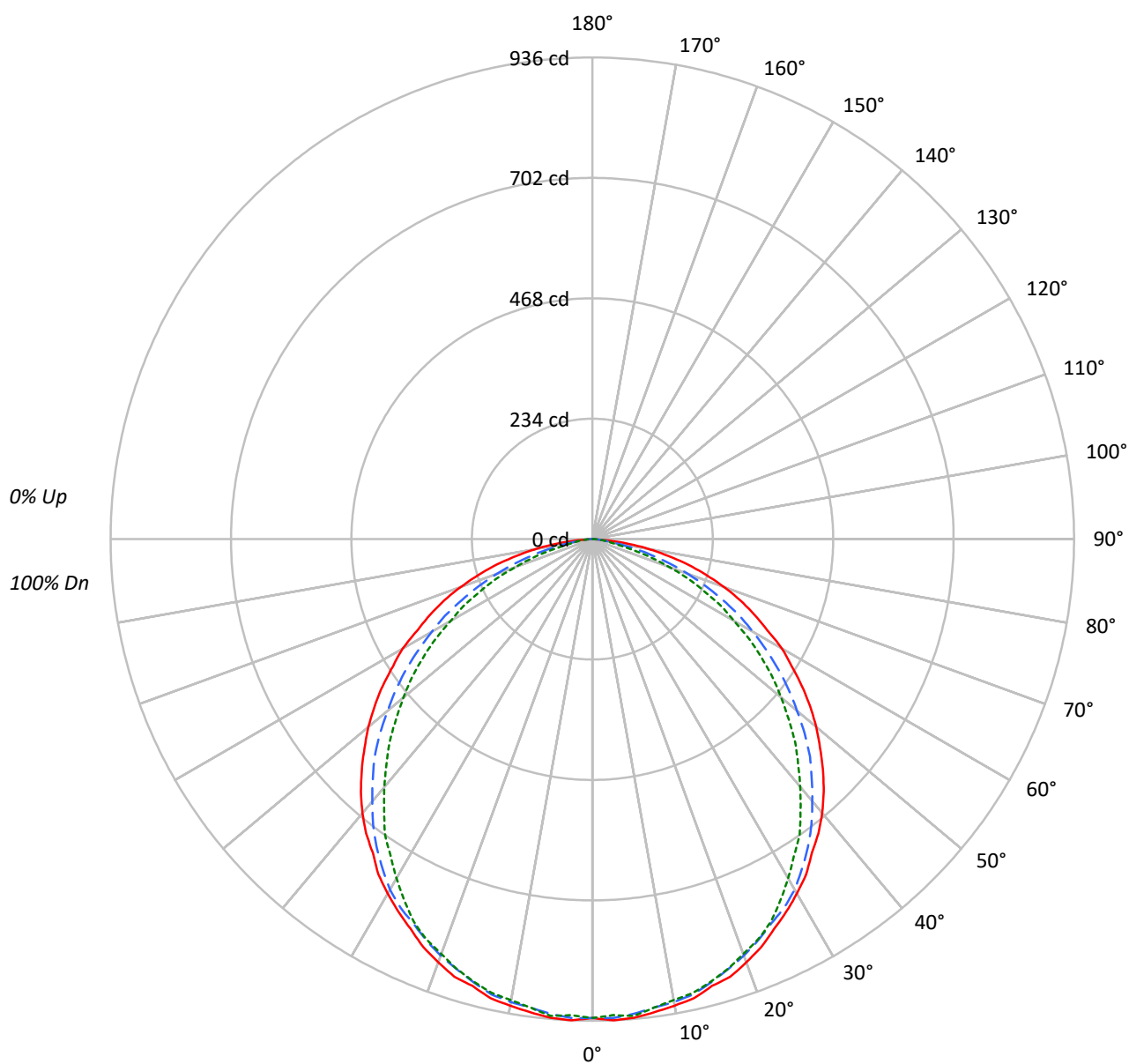
Lumens per Lamp: N/A
Luminaire Lumens: 2478.4 lumens
Efficiency: N/A
Efficacy: 103.3 lumens/watt
Spacing Criteria (0/90/45): 1.27 / 1.21 / 1.35
Luminous Opening: Rectangular (W 2' x L: 4' x H: 0')
CIE Type: Direct

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	98	95	93	95	92	90	91	89	87	85		
2	100	92	85	80	97	90	84	79	87	81	77	83	79	75	80	77	74	72		
3	91	81	73	67	89	79	72	66	76	70	65	74	68	64	71	67	63	61		
4	84	72	63	57	81	71	63	56	68	61	56	66	60	55	64	58	54	52		
5	77	64	56	49	75	63	55	49	61	54	48	59	53	48	57	52	47	45		
6	71	58	49	43	69	57	49	43	55	48	42	54	47	42	52	46	42	40		
7	66	53	44	38	64	52	44	38	50	43	38	49	42	37	48	42	37	35		
8	61	48	40	34	60	47	39	34	46	39	34	45	38	33	44	38	33	31		
9	57	44	36	31	56	44	36	30	42	35	30	41	35	30	40	34	30	28		
10	54	41	33	28	53	40	33	28	39	32	28	38	32	27	37	32	27	26		

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	1252	1252	1252
5°	1261	1251	1256
10°	1258	1248	1242
15°	1252	1242	1240
20°	1253	1233	1228
25°	1241	1223	1218
30°	1235	1222	1182
35°	1222	1200	1153
40°	1221	1168	1104
45°	1205	1138	1060
50°	1189	1087	1002
55°	1166	1036	941
60°	1145	969	854
65°	1106	889	764
70°	1070	774	624
75°	1005	611	429
80°	872	370	258
85°	582	266	249

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 1205 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	88.2	3.6
10°-20°	252.4	10.2
20°-30°	381.2	15.4
30°-40°	453.3	18.3
40°-50°	459.7	18.5
50°-60°	399.2	16.1
60°-70°	283.4	11.4
70°-80°	135.4	5.5
80°-90°	25.7	1.0
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°	721.8	29.1
0°-40°	1175.1	47.4
0°-60°	2034.0	82.1
0°-90°	2478.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2478.4	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	930	930	930	930	930	
5°	934	930	926	928	930	89
15°	899	901	892	891	890	255
25°	836	835	824	827	821	386
35°	744	743	730	706	702	467
45°	633	628	598	566	557	489
55°	497	482	442	416	401	444
65°	348	321	279	249	240	344
75°	193	158	118	93	83	203
85°	38	20	17	17	16	48
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	930.5	930.5	930.5	930.5	930.5
2.5°	936.0	932.7	931.6	935.5	926.0
5°	933.8	930.5	926.0	928.2	929.9
7.5°	927.1	924.4	918.3	923.3	918.3
10°	920.5	917.7	913.3	914.9	909.4
12.5°	913.8	907.2	906.1	907.2	903.3
15°	898.9	901.1	891.7	890.6	890.0
17.5°	891.7	886.1	876.2	876.7	875.6
20°	875.0	868.4	861.2	860.1	857.9
22.5°	857.9	850.1	843.5	846.8	841.8
25°	835.7	834.6	823.5	826.8	820.7
27.5°	816.3	812.4	807.4	800.2	791.4
30°	795.2	791.4	786.4	767.5	760.9
32.5°	773.1	768.6	758.7	736.5	729.3
35°	743.7	742.6	730.4	705.5	702.1
37.5°	721.5	709.3	699.4	673.9	664.5
40°	694.9	688.3	665.0	640.6	628.4
42.5°	665.6	657.8	631.2	605.2	591.9
45°	633.4	627.9	598.0	566.4	556.9
47.5°	600.2	595.2	559.7	529.2	517.0
50°	568.0	561.9	519.3	489.9	478.8
52.5°	533.1	523.1	481.0	452.2	441.7
55°	497.1	482.1	441.7	415.6	401.2
57.5°	458.9	445.0	400.1	373.0	361.3
60°	425.6	406.2	360.2	332.5	317.5
62.5°	382.9	366.3	322.5	289.8	282.6
65°	347.5	321.4	279.3	249.4	240.0
67.5°	311.4	281.0	238.3	207.8	202.8
70°	272.1	240.5	196.7	166.8	158.5
72.5°	232.2	201.2	158.5	126.9	121.9
75°	193.4	157.9	117.5	93.1	82.6
77.5°	151.3	119.1	82.6	57.1	50.4
80°	112.5	80.4	47.7	33.8	33.3
82.5°	73.7	46.6	25.5	26.0	24.9
85°	37.7	20.0	17.2	16.6	16.1
87.5°	7.2	7.8	8.3	8.3	8.3
90°	0.0	0.0	0.0	0.0	0.0



— 0°-180° - - 45°-225° 90°-270°

(END OF REPORT)