

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: P1050895

Luminaire Tested: 24PTR-30-PP3-L930-UNV-STD-W

Issue Date: 7/11/2025

Test Information

Test Method: LM-79-2019
Report Number: P1050895
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-L930-UNV-STD-W
Description: 3000 LUMEN 2X4 PERCEIVE PT TROFFER WITH 3000K, 90 CRI LEDS AND PRISM LENS

Light Source:
Ballast/Driver: -

Summary

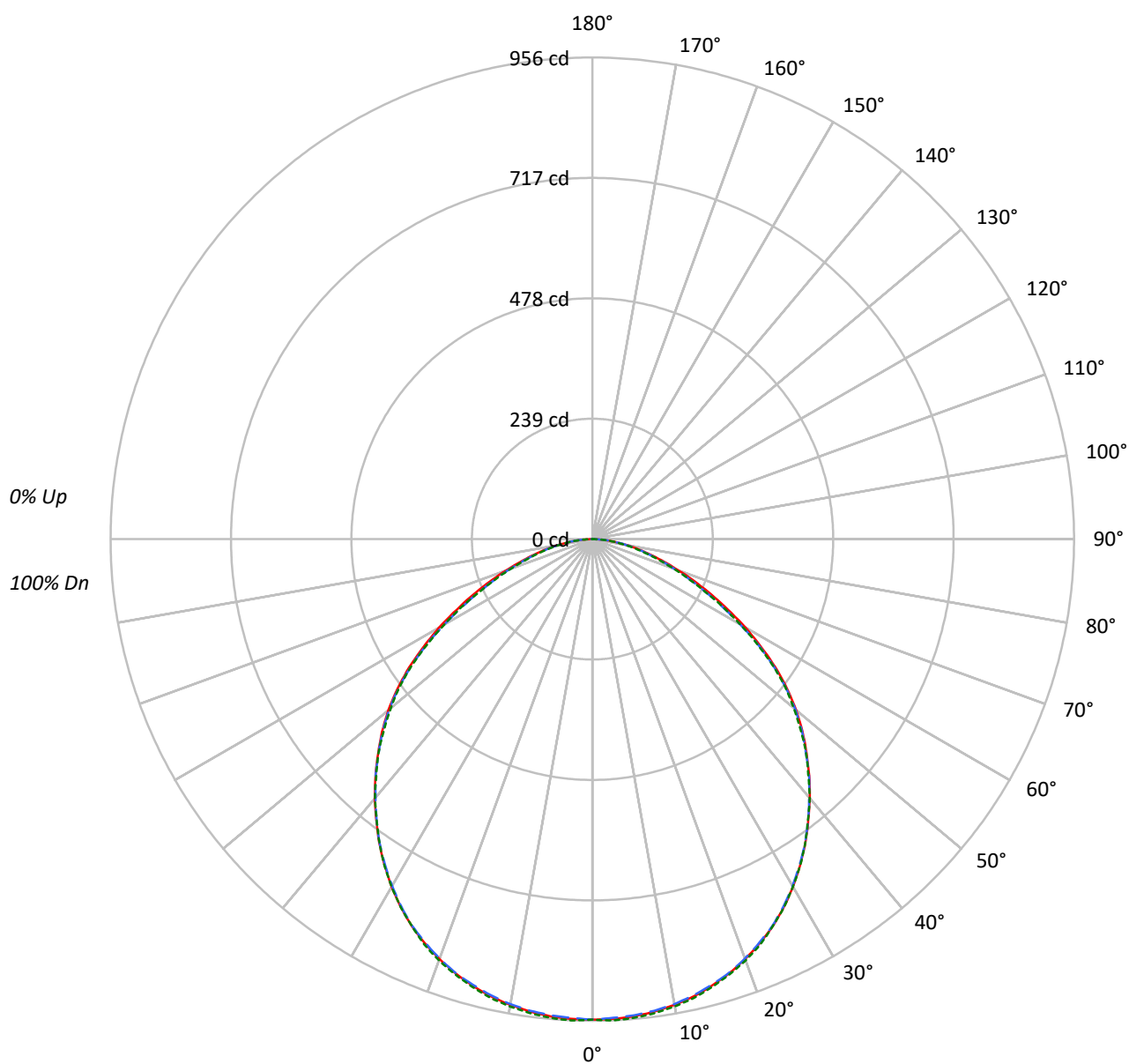
Lumens per Lamp: N/A
Luminaire Lumens: 2463.8 lumens
Efficiency: N/A
Efficacy: 102.7 lumens/watt
Spacing Criteria (0/90/45): 1.24 / 1.24 / 1.34
Luminous Opening: Rectangular (W 2' x L: 4' x H: 0')
CIE Type: Direct

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°	1283	1283	1283
5°	1284	1281	1288
10°	1282	1280	1287
15°	1278	1276	1282
20°	1270	1269	1274
25°	1258	1256	1258
30°	1237	1235	1237
35°	1210	1209	1210
40°	1179	1176	1179
45°	1144	1141	1142
50°	1106	1100	1092
55°	1041	1029	1026
60°	945	913	914
65°	830	788	787
70°	718	685	677
75°	621	598	584
80°	549	542	518
85°	454	469	443

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 22.5°

Vertical Angle: 45°

Luminance: 1148 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	90.4	3.7
10°-20°	259.1	10.5
20°-30°	390.0	15.8
30°-40°	460.3	18.7
40°-50°	463.0	18.8
50°-60°	390.9	15.9
60°-70°	251.0	10.2
70°-80°	124.9	5.1
80°-90°	34.2	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°	739.5	30.0
0°-40°	1199.9	48.7
0°-60°	2053.7	83.4
0°-90°	2463.8	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2463.8	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	954	954	954	954	954	
5°	951	951	949	953	954	90
15°	918	918	916	920	920	259
25°	848	848	846	848	847	390
35°	737	737	736	736	736	461
45°	601	603	599	600	600	464
55°	444	443	439	437	437	395
65°	261	257	248	245	247	260
75°	119	119	115	114	112	129
85°	29	30	30	29	29	35
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	953.6	953.6	953.6	953.6	953.6
2.5°	953.2	953.6	951.1	955.6	956.3
5°	950.8	951.1	948.7	953.2	953.8
7.5°	945.9	946.3	944.1	948.3	949.0
10°	938.6	939.7	937.2	941.1	941.8
12.5°	929.7	930.1	927.5	932.1	932.8
15°	917.6	917.9	915.8	920.0	920.0
17.5°	903.6	904.0	902.6	906.2	905.8
20°	886.8	887.8	886.0	888.4	889.8
22.5°	868.4	868.8	866.7	869.8	871.2
25°	847.7	847.9	846.3	847.9	847.3
27.5°	823.4	824.0	821.6	823.4	823.8
30°	796.4	798.1	794.7	796.1	796.4
32.5°	767.3	768.3	765.9	766.3	768.1
35°	736.9	737.3	735.9	736.5	736.5
37.5°	704.0	705.4	703.3	704.3	702.9
40°	671.5	670.1	669.3	670.1	671.1
42.5°	637.1	637.5	636.5	635.8	634.1
45°	601.2	603.3	599.4	600.2	600.2
47.5°	566.0	566.2	564.2	562.1	560.7
50°	528.2	528.2	525.7	524.1	521.9
52.5°	487.0	486.3	483.6	481.8	482.8
55°	443.7	443.3	438.6	436.8	437.2
57.5°	396.3	397.0	389.8	388.0	388.0
60°	351.0	347.5	339.2	336.8	339.8
62.5°	303.5	299.3	290.4	290.4	292.8
65°	260.6	256.8	247.5	245.0	247.1
67.5°	220.5	216.9	208.4	207.0	207.6
70°	182.4	179.3	174.1	170.9	172.1
72.5°	149.5	146.8	143.2	140.9	139.5
75°	119.4	118.7	115.0	113.8	112.4
77.5°	94.5	94.2	91.1	89.7	88.3
80°	70.9	70.6	69.9	67.8	66.8
82.5°	50.6	50.6	50.2	48.4	47.4
85°	29.4	30.4	30.4	28.7	28.7
87.5°	11.8	12.5	11.8	11.8	11.4
90°	0.0	0.0	0.0	0.0	0.0



— 0°-180° - - 45°-225° 90°-270°

(END OF REPORT)