

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: P1050972

Luminaire Tested: 24PTR-30-PR1-L930-UNV-STD-W

Issue Date: 7/11/2025

Test Information

Test Method: LM-79-2019
Report Number: P1050972
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P737735)
Test Lab: INNOVATION CENTER
Issue Date: 7/11/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: 24PTR-30-PR1-L930-UNV-STD-W
Description: 3000 LUMEN 2X4 PERCEIVE PT TROFFER WITH 3000K, 90 CRI LEDS AND RIPPLE LENS

Light Source:
Ballast/Driver: -

Summary

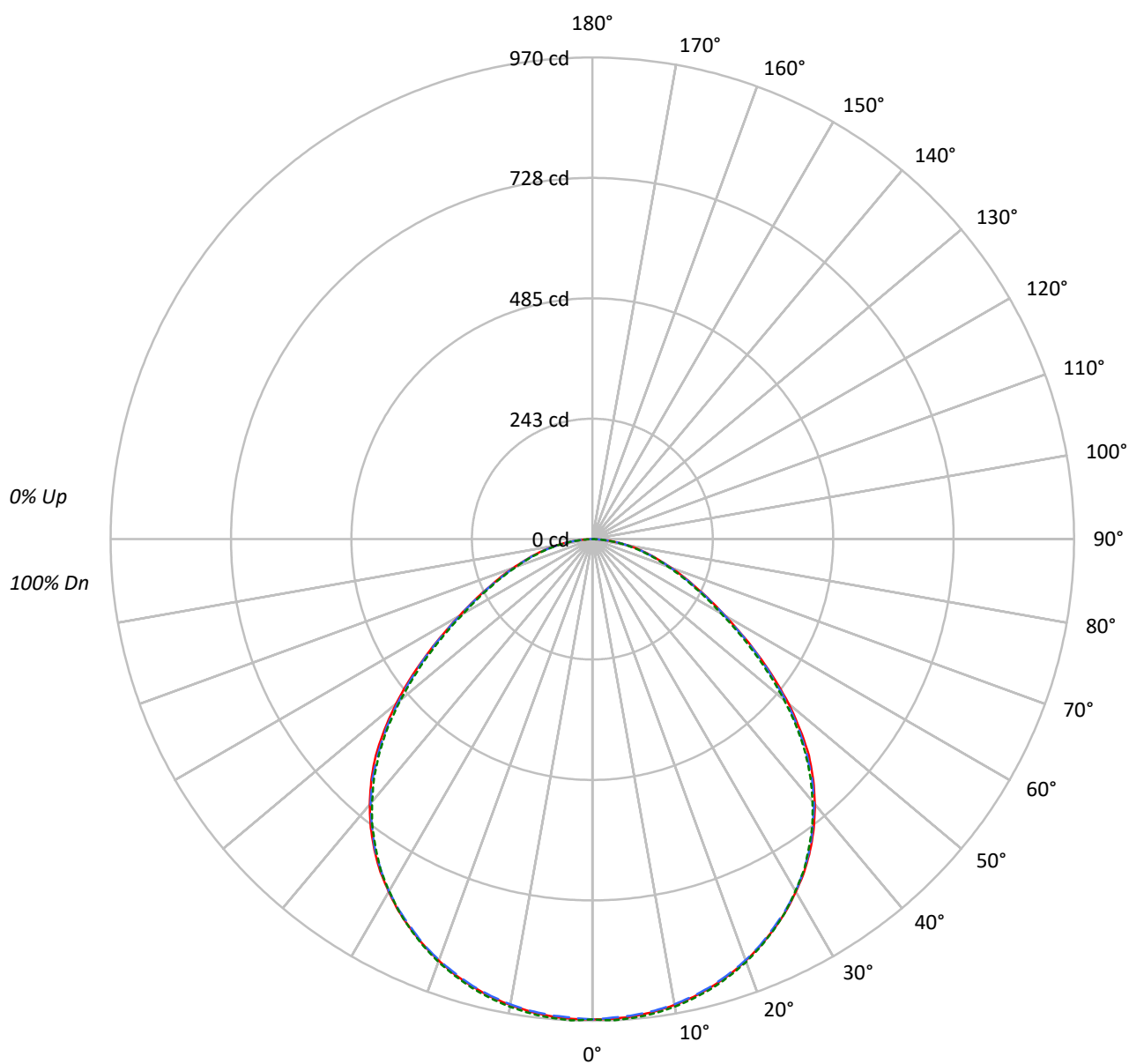
Lumens per Lamp: N/A
Luminaire Lumens: 2446.3 lumens
Efficiency: N/A
Efficacy: 101.9 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 1.26 / 1.34
Luminous Opening: Rectangular (W 2' x L: 4' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1050972

CATALOG NUMBER: 24PTR-30-PR1-L930-UNV-STD-W

Luminous Intensity Polar Plot



TEST NUMBER: P1050972

CATALOG NUMBER: 24PTR-30-PR1-L930-UNV-STD-W

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	110	105	101	98	107	103	99	96	99	96	93	95	92	90	91	89	88	85		
2	100	93	86	81	98	91	85	80	87	82	78	84	80	76	81	78	75	73		
3	92	82	74	68	90	80	73	68	78	71	66	75	70	65	72	68	64	62		
4	85	73	65	58	82	72	64	58	69	63	57	67	61	56	65	60	56	54		
5	78	66	57	51	76	65	56	50	62	55	50	61	54	49	59	53	49	47		
6	72	59	51	45	70	58	50	44	57	49	44	55	49	44	53	48	43	41		
7	67	54	45	40	65	53	45	39	52	44	39	50	44	39	49	43	39	37		
8	62	49	41	35	61	49	41	35	47	40	35	46	40	35	45	39	35	33		
9	58	45	37	32	57	45	37	32	44	37	32	43	36	32	42	36	31	30		
10	55	42	34	29	54	41	34	29	40	34	29	39	33	29	39	33	29	27		

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	1301	1301	1301
5°	1303	1300	1307
10°	1302	1299	1306
15°	1299	1297	1303
20°	1294	1292	1297
25°	1285	1282	1287
30°	1274	1272	1271
35°	1256	1253	1248
40°	1225	1220	1211
45°	1173	1160	1152
50°	1080	1068	1055
55°	956	951	933
60°	830	827	805
65°	732	727	713
70°	664	655	641
75°	615	600	590
80°	561	553	535
85°	443	440	421

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 1173 cd/sqm

TEST NUMBER: P1050972

CATALOG NUMBER: 24PTR-30-PR1-L930-UNV-STD-W

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	91.8	3.8
10°-20°	263.4	10.8
20°-30°	399.0	16.3
30°-40°	476.3	19.5
40°-50°	468.4	19.1
50°-60°	362.0	14.8
60°-70°	228.3	9.3
70°-80°	123.5	5.0
80°-90°	33.7	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°	754.1	30.8
0°-40°	1230.4	50.3
0°-60°	2060.8	84.2
0°-90°	2446.3	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2446.3	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	967	967	967	967	967	
5°	964	965	962	967	968	92
15°	933	933	931	934	936	263
25°	866	866	864	866	867	399
35°	765	765	763	762	760	478
45°	617	614	610	605	605	472
55°	407	411	406	399	398	366
65°	230	230	228	225	224	231
75°	118	117	116	116	113	126
85°	29	29	28	29	27	34
90°	0	0	0	0	0	

TEST NUMBER: P1050972

CATALOG NUMBER: 24PTR-30-PR1-L930-UNV-STD-W

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	967.3	967.3	967.3	967.3	967.3
2.5°	966.9	967.3	964.5	969.1	970.1
5°	964.5	964.9	962.4	966.6	967.7
7.5°	959.6	960.4	958.0	962.2	963.2
10°	952.7	953.5	951.1	955.2	956.2
12.5°	944.1	944.4	942.4	946.2	947.2
15°	932.7	932.9	931.3	934.3	935.7
17.5°	919.5	919.8	917.4	921.2	921.8
20°	903.6	903.8	902.4	905.6	906.0
22.5°	885.8	886.6	884.4	887.2	887.6
25°	865.8	866.4	863.6	866.4	866.8
27.5°	844.6	844.9	842.5	844.6	844.2
30°	819.9	822.1	818.9	818.2	817.9
32.5°	794.4	794.6	791.6	790.8	792.2
35°	764.9	765.1	763.1	762.1	760.0
37.5°	732.6	732.6	728.7	728.1	727.7
40°	697.2	696.9	694.5	692.1	689.6
42.5°	658.7	659.5	654.5	650.4	649.8
45°	616.7	614.4	609.8	605.0	605.4
47.5°	567.2	567.9	561.7	557.8	556.8
50°	515.8	515.8	510.1	505.9	503.8
52.5°	462.2	462.6	457.0	451.5	450.3
55°	407.4	410.8	405.6	399.1	397.7
57.5°	356.1	358.9	354.0	347.0	346.7
60°	308.6	308.9	307.5	300.9	299.2
62.5°	268.1	266.3	265.5	262.1	260.0
65°	229.9	230.3	228.5	224.6	224.0
67.5°	199.0	198.7	195.5	193.1	191.7
70°	168.8	167.8	166.4	164.4	163.0
72.5°	141.8	141.8	140.7	140.1	137.7
75°	118.3	116.9	115.5	116.1	113.4
77.5°	95.7	94.4	93.2	91.8	91.2
80°	72.4	71.0	71.4	69.3	69.0
82.5°	50.3	50.3	49.6	47.9	48.2
85°	28.7	29.1	28.5	28.7	27.3
87.5°	10.5	10.7	11.5	10.7	10.7
90°	0.0	0.0	0.0	0.0	0.0



— 0°-180° - - 45°-225° 90°-270°

(END OF REPORT)