

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: P1050664

Luminaire Tested: 24PTR-30-PC3-L930-UNV-STD-W

Issue Date: 7/11/2025

Test Information

Test Method: LM-79-2019
Report Number: P1050664
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P737711)
Test Lab: INNOVATION CENTER
Issue Date: 7/11/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: 24PTR-30-PC3-L930-UNV-STD-W
Description: 3000 LUMEN 2X4 PERCEIVE PT TROFFER WITH 3000K, 90 CRI LEDS AND PARAMID LENS

Light Source:
Ballast/Driver: -

Summary

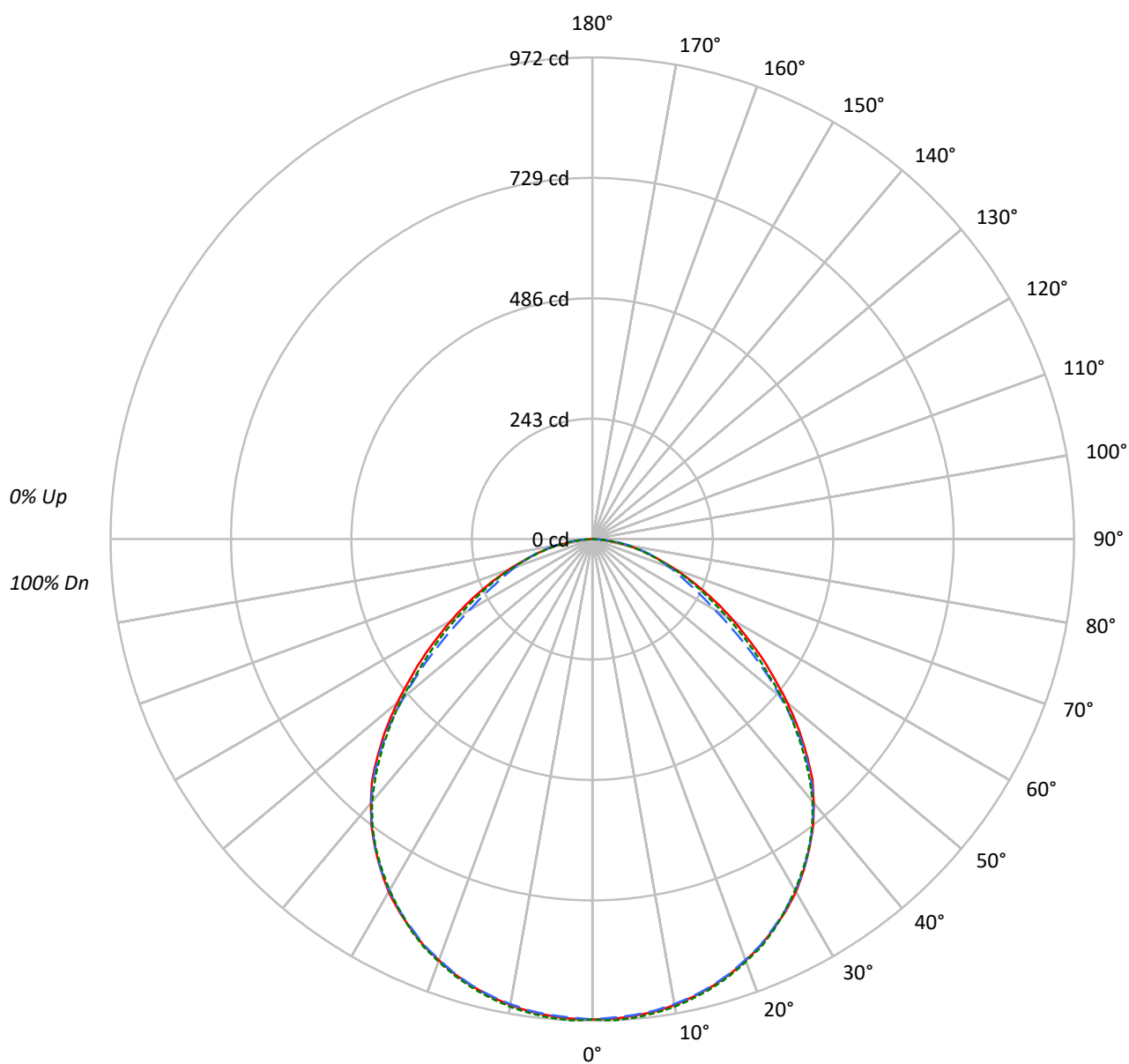
Lumens per Lamp: N/A
Luminaire Lumens: 2443.5 lumens
Efficiency: N/A
Efficacy: 101.8 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 1.25 / 1.34
Luminous Opening: Rectangular (W 2' x L: 4' x H: 0')
CIE Type: Direct

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: P1050664

CATALOG NUMBER: 24PTR-30-PC3-L930-UNV-STD-W

Luminous Intensity Polar Plot



TEST NUMBER: P1050664

CATALOG NUMBER: 24PTR-30-PC3-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	87	85		
2	100	93	86	81	98	91	85	80	87	82	78	84	80	76	81	78	75	72		
3	92	82	74	68	90	80	73	68	77	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	46	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	40	33	29	39	33	29	27		

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	1304	1304	1304
5°	1304	1302	1310
10°	1304	1302	1309
15°	1301	1300	1306
20°	1295	1293	1299
25°	1287	1285	1290
30°	1277	1273	1271
35°	1254	1253	1250
40°	1221	1219	1213
45°	1161	1152	1141
50°	1075	1038	1050
55°	981	901	942
60°	884	769	843
65°	790	688	758
70°	701	651	682
75°	620	631	608
80°	535	602	532
85°	400	477	400

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 22.5°

Vertical Angle: 45°

Luminance: 1164 cd/sqm

TEST NUMBER: P1050664

CATALOG NUMBER: 24PTR-30-PC3-L930-UNV-STD-W

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	91.9	3.8
10°-20°	263.9	10.8
20°-30°	399.5	16.3
30°-40°	476.3	19.5
40°-50°	465.4	19.0
50°-60°	355.8	14.6
60°-70°	228.5	9.4
70°-80°	127.1	5.2
80°-90°	35.1	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°	755.3	30.9
0°-40°	1231.5	50.4
0°-60°	2052.8	84.0
0°-90°	2443.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2443.5	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	969	969	969	969	969	
5°	966	966	964	969	970	92
15°	934	935	933	936	937	264
25°	867	868	865	868	869	400
35°	763	764	763	762	761	477
45°	610	612	606	604	599	469
55°	418	404	384	389	401	374
65°	248	229	216	223	238	248
75°	119	120	121	120	117	127
85°	26	30	31	30	26	32
90°	0	0	0	0	0	

TEST NUMBER: P1050664

CATALOG NUMBER: 24PTR-30-PC3-L930-UNV-STD-W

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	969.2	969.2	969.2	969.2	969.2
2.5°	968.6	968.9	966.4	970.6	972.0
5°	965.8	966.4	964.0	968.6	969.6
7.5°	961.6	962.3	959.9	964.4	964.8
10°	954.7	955.1	952.9	957.5	958.1
12.5°	945.4	946.4	944.0	948.1	948.4
15°	934.2	934.9	933.2	936.3	937.3
17.5°	921.1	921.4	919.7	923.1	923.5
20°	904.7	904.7	903.3	907.2	907.2
22.5°	888.1	887.1	886.7	888.1	890.2
25°	866.7	867.7	865.3	868.0	868.7
27.5°	845.9	845.9	843.7	845.1	843.4
30°	821.9	820.6	819.2	819.4	817.8
32.5°	793.1	793.1	792.5	792.5	790.3
35°	763.4	764.0	762.6	762.2	761.2
37.5°	731.4	732.5	730.0	729.4	728.6
40°	695.0	695.0	694.0	692.6	690.8
42.5°	657.2	657.2	652.8	649.3	646.9
45°	610.1	611.5	605.6	604.2	599.4
47.5°	563.2	562.2	554.3	553.3	550.5
50°	513.4	507.5	496.1	499.1	501.7
52.5°	463.5	456.2	439.6	443.0	447.1
55°	418.0	403.5	384.1	388.9	401.4
57.5°	370.5	351.1	331.8	340.8	356.3
60°	328.6	306.8	285.7	295.4	313.4
62.5°	288.4	265.2	248.2	257.6	272.8
65°	248.2	229.1	216.0	223.2	238.2
67.5°	211.5	198.6	189.7	193.1	205.2
70°	178.2	170.2	165.4	166.4	173.3
72.5°	146.6	144.6	142.8	142.8	143.5
75°	119.3	120.3	121.3	119.7	116.9
77.5°	94.0	97.4	99.9	96.4	93.0
80°	69.0	74.6	77.7	73.8	68.6
82.5°	47.1	53.4	54.4	52.0	46.1
85°	25.9	30.5	30.9	29.9	25.9
87.5°	9.7	11.5	12.5	11.5	10.1
90°	0.0	0.0	0.0	0.0	0.0



— 0°-180° - - 45°-225° 90°-270°

(END OF REPORT)