

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: P1050184

Luminaire Tested: PTR-14-30-PC3-L930-UNV-STD-W

Issue Date: 7/11/2025

Test Information

Test Method: LM-79-2019
Report Number: P1050184
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: PTR-14-30-PC3-L930-UNV-STD-W
Description: 3000 LUMEN 1X4 PERCEIVE PT TROFFER WITH 3000K, 90 CRI LEDS AND PARAMID LENS

Light Source:
Ballast/Driver: -

Summary

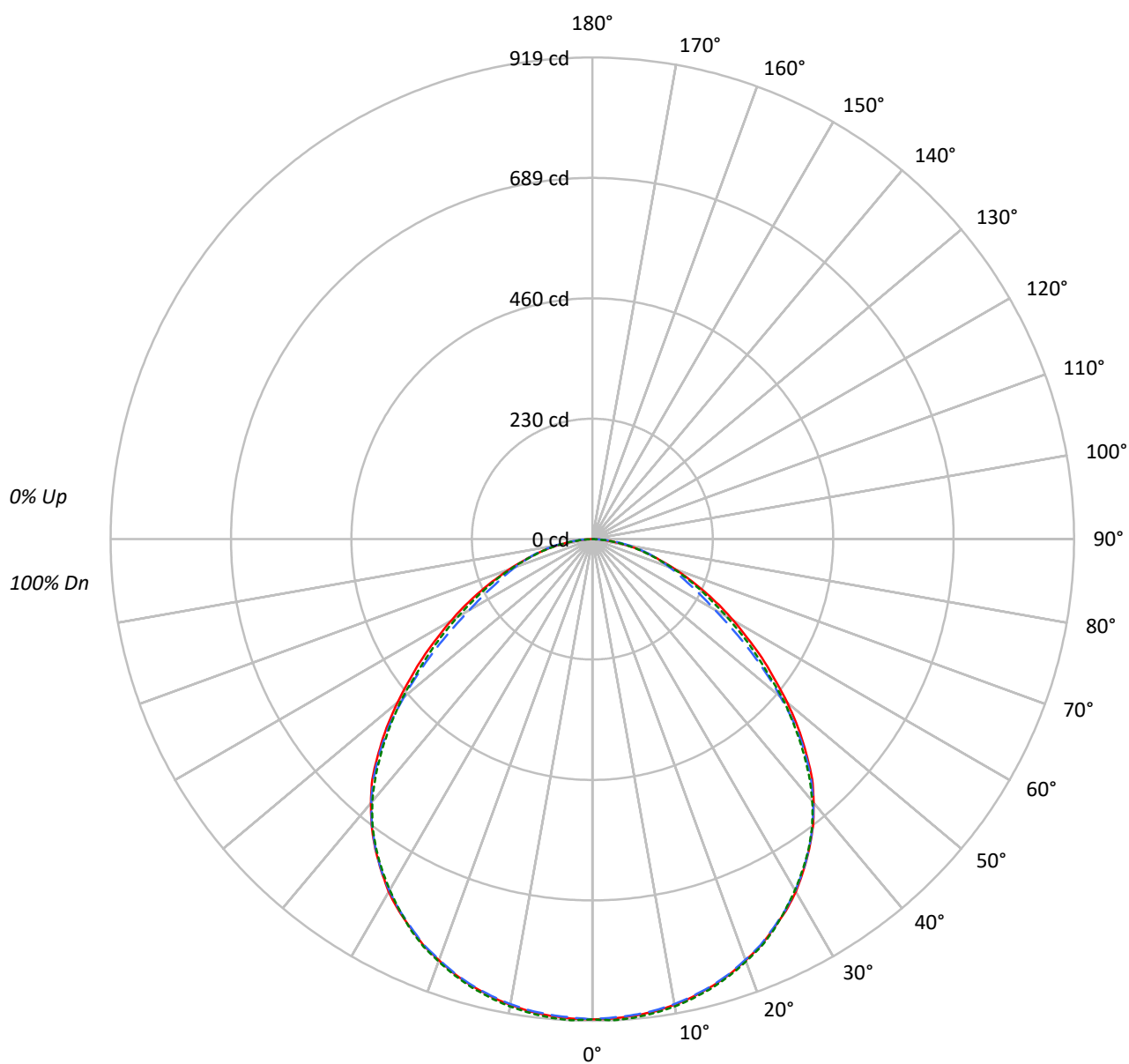
Lumens per Lamp: N/A
Luminaire Lumens: 2309.8 lumens
Efficiency: N/A
Efficacy: 100.4 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 1.25 / 1.34
Luminous Opening: Rectangular (W 1' x L: 4' x H: 0')
CIE Type: Direct

Input Watts (W): 23
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: P1050184

CATALOG NUMBER: PTR-14-30-PC3-L930-UNV-STD-W

Luminous Intensity Polar Plot



TEST NUMBER: P1050184

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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	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°	2465	2465	2465
5°	2466	2462	2476
10°	2466	2461	2475
15°	2460	2457	2468
20°	2449	2445	2456
25°	2432	2428	2438
30°	2414	2406	2402
35°	2371	2368	2364
40°	2308	2304	2294
45°	2195	2178	2156
50°	2032	1963	1985
55°	1854	1704	1780
60°	1672	1453	1594
65°	1494	1300	1433
70°	1326	1230	1289
75°	1172	1193	1149
80°	1010	1139	1006
85°	756	902	756

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 22.5°

Vertical Angle: 45°

Luminance: 2200 cd/sqm

TEST NUMBER: P1050184

CATALOG NUMBER: PTR-14-30-PC3-L930-UNV-STD-W

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	86.9	3.8
10°-20°	249.4	10.8
20°-30°	377.6	16.3
30°-40°	450.2	19.5
40°-50°	439.9	19.0
50°-60°	336.4	14.6
60°-70°	216.0	9.4
70°-80°	120.2	5.2
80°-90°	33.2	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°	713.9	30.9
0°-40°	1164.2	50.4
0°-60°	1940.5	84.0
0°-90°	2309.8	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2309.8	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	916	916	916	916	916	
5°	913	914	911	916	916	87
15°	883	884	882	885	886	249
25°	819	820	818	821	821	378
35°	722	722	721	720	720	451
45°	577	578	572	571	567	444
55°	395	382	363	368	379	353
65°	235	217	204	211	225	234
75°	113	114	115	113	110	120
85°	24	29	29	28	24	30
90°	0	0	0	0	0	

TEST NUMBER: P1050184

CATALOG NUMBER: PTR-14-30-PC3-L930-UNV-STD-W

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	916.2	916.2	916.2	916.2	916.2
2.5°	915.6	915.9	913.5	917.5	918.8
5°	912.9	913.5	911.3	915.6	916.5
7.5°	909.0	909.6	907.4	911.6	912.0
10°	902.5	902.8	900.8	905.1	905.7
12.5°	893.7	894.6	892.3	896.3	896.5
15°	883.1	883.8	882.1	885.1	886.0
17.5°	870.7	871.0	869.4	872.6	872.9
20°	855.2	855.2	853.9	857.6	857.6
22.5°	839.5	838.5	838.2	839.5	841.5
25°	819.2	820.2	817.9	820.6	821.2
27.5°	799.6	799.6	797.6	798.9	797.2
30°	777.0	775.7	774.4	774.6	773.1
32.5°	749.7	749.7	749.1	749.1	747.1
35°	721.6	722.2	720.9	720.5	719.6
37.5°	691.4	692.4	690.1	689.5	688.8
40°	657.0	657.0	656.0	654.7	653.0
42.5°	621.3	621.3	617.1	613.8	611.5
45°	576.7	578.0	572.4	571.1	566.6
47.5°	532.4	531.5	524.0	523.0	520.4
50°	485.3	479.7	469.0	471.8	474.2
52.5°	438.1	431.2	415.5	418.7	422.7
55°	395.2	381.5	363.1	367.7	379.4
57.5°	350.3	331.9	313.6	322.2	336.8
60°	310.6	290.0	270.0	279.2	296.2
62.5°	272.6	250.7	234.7	243.5	257.9
65°	234.7	216.6	204.2	211.0	225.1
67.5°	199.9	187.8	179.3	182.5	193.9
70°	168.5	160.8	156.3	157.3	163.8
72.5°	138.6	136.7	135.0	135.0	135.6
75°	112.7	113.7	114.7	113.1	110.5
77.5°	88.8	92.0	94.4	91.1	87.9
80°	65.2	70.5	73.5	69.8	64.9
82.5°	44.5	50.5	51.4	49.2	43.6
85°	24.5	28.8	29.2	28.2	24.5
87.5°	9.2	10.8	11.8	10.8	9.5
90°	0.0	0.0	0.0	0.0	0.0



— 0°-180° - - 45°-225° 90°-270°

(END OF REPORT)