

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: P1046926

Luminaire Tested: 22PTR-35-PP3-L930-UNV-STD-W

Issue Date: 7/10/2025

Test Information

Test Method: LM-79-2019
Report Number: P1046926
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P737727)
Test Lab: INNOVATION CENTER
Issue Date: 7/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: 22PTR-35-PP3-L930-UNV-STD-W
Description: 3500 LUMEN 2X2 PERCEIVE PT TROFFER WITH 3000K, 90 CRI LEDS AND PRISM LENS

Light Source:
Ballast/Driver: -

Summary

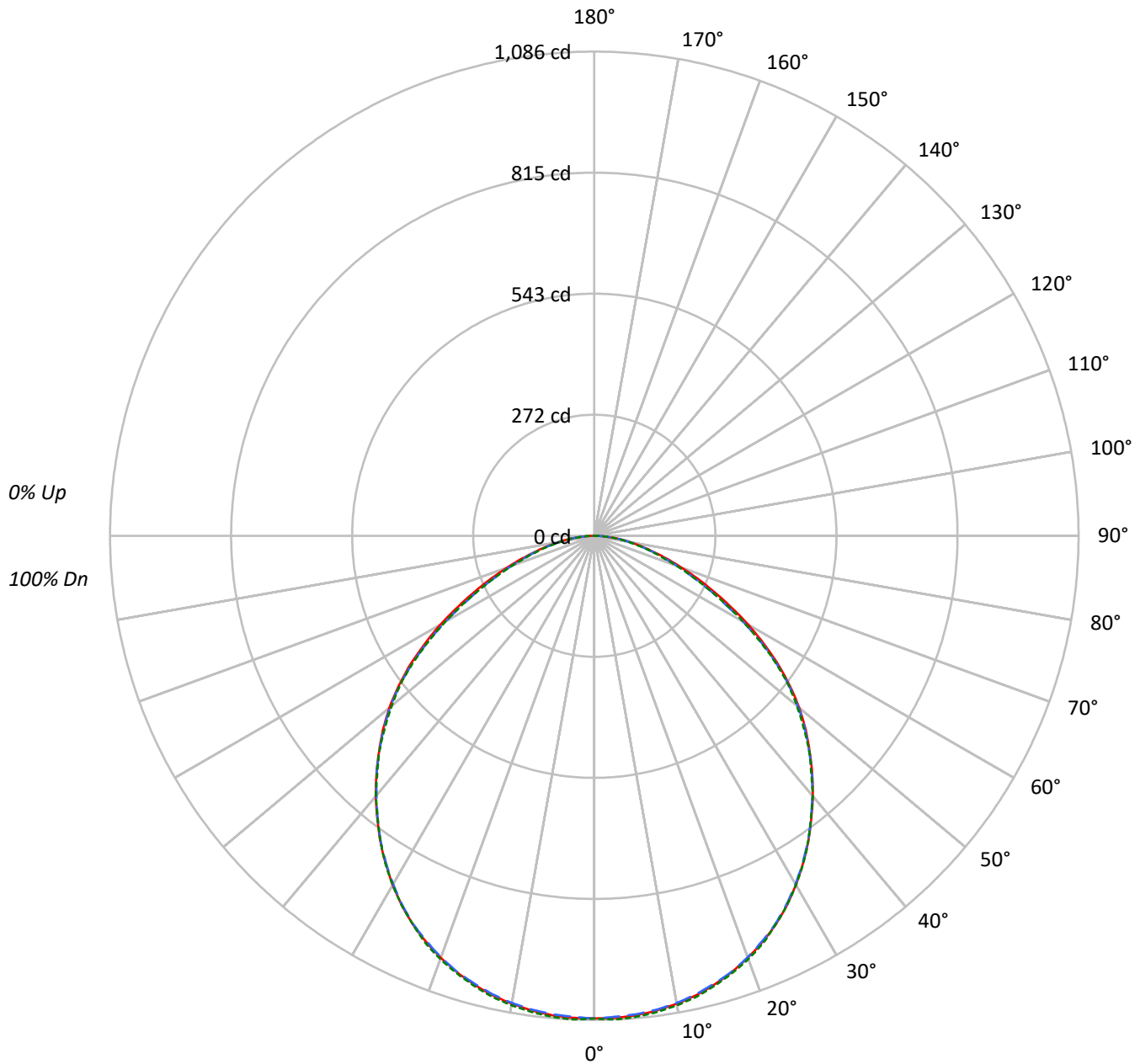
Lumens per Lamp: N/A
Luminaire Lumens: 2797.5 lumens
Efficiency: N/A
Efficacy: 107.6 lumens/watt
Spacing Criteria (0/90/45): 1.24 / 1.24 / 1.34
Luminous Opening: (L: 2 ' x W: 0 ' x H: 2 '
CIE Type: Direct

Input Watts (W): 26
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°	Luminous shape not found, reference photometric report, or contact the photometric lab for calculations.		
5°			
10°			
15°			
20°			
25°			
30°			
35°			
40°			
45°			
50°			
55°			
60°			
65°			
70°			
75°			
80°			
85°			

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: -
Vertical Angle: -
Luminance: -

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	102.7	3.7
10°-20°	294.2	10.5
20°-30°	442.9	15.8
30°-40°	522.7	18.7
40°-50°	525.7	18.8
50°-60°	443.8	15.9
60°-70°	285.0	10.2
70°-80°	141.8	5.1
80°-90°	38.8	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°	839.7	30.0
0°-40°	1362.4	48.7
0°-60°	2331.9	83.4
0°-90°	2797.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2797.5	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1083	1083	1083	1083	1083	
5°	1080	1080	1077	1082	1083	103
15°	1042	1042	1040	1045	1045	294
25°	962	963	961	963	962	443
35°	837	837	836	836	836	523
45°	683	685	681	681	681	527
55°	504	503	498	496	496	448
65°	296	292	281	278	281	295
75°	136	135	130	129	128	147
85°	33	35	35	33	33	39
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1082.7	1082.7	1082.7	1082.7	1082.7
2.5°	1082.3	1082.7	1079.9	1085.0	1085.9
5°	1079.6	1079.9	1077.1	1082.3	1083.0
7.5°	1074.0	1074.4	1072.0	1076.7	1077.6
10°	1065.7	1067.0	1064.2	1068.6	1069.3
12.5°	1055.6	1056.0	1053.2	1058.3	1059.2
15°	1041.9	1042.2	1039.9	1044.6	1044.6
17.5°	1026.0	1026.5	1024.9	1028.9	1028.5
20°	1006.9	1008.0	1006.0	1008.7	1010.3
22.5°	986.0	986.5	984.0	987.6	989.2
25°	962.5	962.8	960.9	962.8	962.1
27.5°	934.9	935.6	932.9	934.9	935.3
30°	904.2	906.2	902.4	903.9	904.2
32.5°	871.2	872.4	869.7	870.1	872.1
35°	836.7	837.1	835.5	836.2	836.2
37.5°	799.4	801.0	798.5	799.7	798.1
40°	762.4	760.8	760.0	760.8	762.0
42.5°	723.4	723.9	722.7	721.9	720.0
45°	682.6	685.0	680.6	681.4	681.4
47.5°	642.6	642.9	640.6	638.2	636.6
50°	599.8	599.8	596.9	595.1	592.6
52.5°	552.9	552.2	549.1	547.1	548.2
55°	503.8	503.4	497.9	495.9	496.4
57.5°	450.0	450.8	442.5	440.5	440.5
60°	398.6	394.6	385.1	382.4	385.8
62.5°	344.6	339.9	329.7	329.7	332.4
65°	295.9	291.6	281.0	278.2	280.6
67.5°	250.3	246.3	236.6	235.1	235.8
70°	207.1	203.6	197.6	194.1	195.4
72.5°	169.8	166.6	162.7	159.9	158.4
75°	135.5	134.8	130.5	129.2	127.7
77.5°	107.2	107.0	103.4	101.8	100.2
80°	80.5	80.1	79.4	77.0	75.8
82.5°	57.4	57.4	57.0	55.0	53.8
85°	33.4	34.6	34.6	32.6	32.6
87.5°	13.4	14.1	13.4	13.4	13.0
90°	0.0	0.0	0.0	0.0	0.0

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report







— 0°-180° - - 45°-225° - - - 90°-270°





(END OF REPORT)