

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: P1046884

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

Issue Date: 7/10/2025

Test Information

Test Method: LM-79-2019
Report Number: P1046884
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2409-224-3)
Test Lab: INNOVATION CENTER
Issue Date: 7/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: 22PTR-35-PLG-L930-UNV-STD-W
Description: 3500 LUMEN 2X2 PERCEIVE PT TROFFER WITH 3000K, 90 CRI LEDS AND LOW GLARE LENS

Light Source:
Ballast/Driver: -

Summary

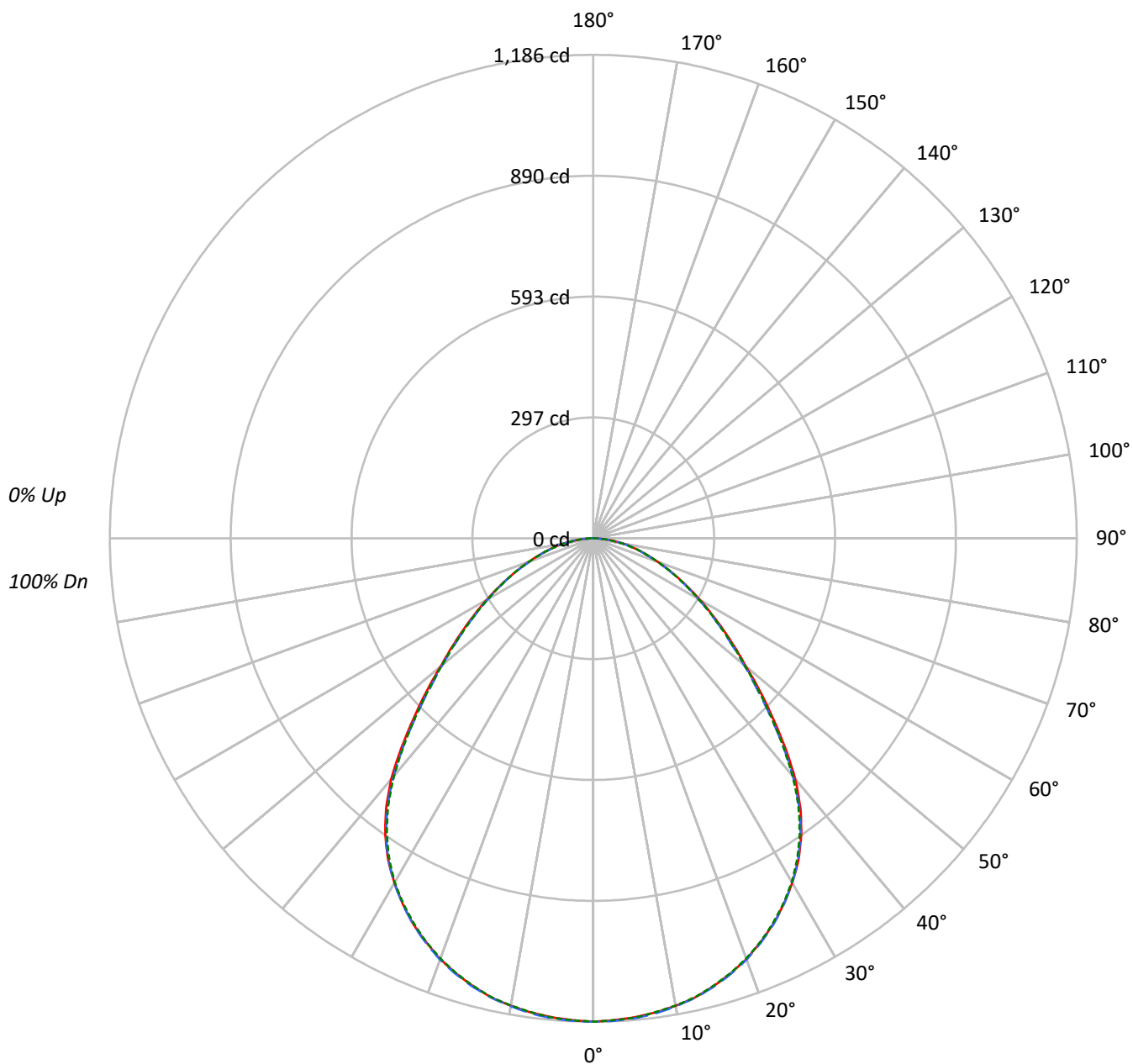
Lumens per Lamp: N/A
Luminaire Lumens: 2672.2 lumens
Efficiency: N/A
Efficacy: 102.8 lumens/watt
Spacing Criteria (0/90/45): 1.22 / 1.22 / 1.26
Luminous Opening: (L: 2 ' x W: 0 ' x H: 2 '
CIE Type: Direct

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	110	106	102	98	107	103	100	97	99	96	94	95	93	91	92	90	88	86		
2	101	94	87	82	99	92	86	81	88	84	79	85	81	78	82	79	76	74		
3	93	83	76	70	91	82	75	69	79	73	68	76	71	67	74	69	66	64		
4	86	75	67	60	84	73	66	60	71	64	59	69	63	58	67	62	58	56		
5	79	67	59	53	77	66	58	53	64	57	52	62	56	51	61	55	51	49		
6	74	61	53	47	72	60	52	47	58	51	46	57	51	46	55	50	45	43		
7	69	56	48	42	67	55	47	42	54	46	41	52	46	41	51	45	41	39		
8	64	51	43	38	62	51	43	38	49	42	37	48	42	37	47	41	37	35		
9	60	47	39	34	59	47	39	34	46	39	34	44	38	34	43	38	34	32		
10	56	44	36	31	55	43	36	31	42	36	31	41	35	31	40	35	31	29		

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°	112.3	4.2
10°-20°	321.3	12.0
20°-30°	480.7	18.0
30°-40°	550.8	20.6
40°-50°	476.3	17.8
50°-60°	344.8	12.9
60°-70°	227.1	8.5
70°-80°	123.6	4.6
80°-90°	35.4	1.3
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°	914.3	34.2
0°-40°	1465.0	54.8
0°-60°	2286.1	85.6
0°-90°	2672.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2672.2	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1186	1186	1186	1186	1186	
5°	1179	1182	1182	1182	1180	112
15°	1138	1139	1140	1141	1137	321
25°	1044	1044	1045	1046	1042	480
35°	890	889	887	886	883	553
45°	622	620	612	611	614	482
55°	387	386	381	379	382	349
65°	229	231	227	226	228	229
75°	117	117	115	115	117	125
85°	31	31	31	32	28	36
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1185.9	1185.9	1185.9	1185.9	1185.9
2.5°	1183.4	1185.9	1185.1	1185.9	1183.4
5°	1179.2	1181.7	1181.7	1181.7	1180.0
7.5°	1173.3	1175.0	1175.8	1176.7	1172.5
10°	1164.9	1166.6	1165.7	1167.4	1164.0
12.5°	1153.9	1153.9	1154.8	1156.5	1153.1
15°	1137.9	1138.8	1139.6	1141.3	1137.1
17.5°	1119.4	1120.3	1121.1	1122.0	1118.6
20°	1098.4	1098.4	1100.1	1100.9	1096.7
22.5°	1072.3	1072.3	1074.0	1076.5	1071.5
25°	1044.5	1044.5	1045.4	1046.2	1042.0
27.5°	1011.7	1011.7	1012.5	1015.1	1010.0
30°	976.3	975.5	976.3	977.2	973.8
32.5°	936.8	935.9	935.1	935.9	931.7
35°	889.6	888.8	887.1	886.3	882.9
37.5°	834.9	833.3	829.9	829.9	826.5
40°	771.0	766.8	762.6	760.9	760.0
42.5°	696.9	693.5	687.6	686.8	686.8
45°	622.0	620.3	611.9	611.1	614.4
47.5°	554.7	550.5	542.9	541.2	546.2
50°	488.2	489.0	482.3	479.8	484.8
52.5°	436.0	434.3	428.4	426.7	430.9
55°	387.2	385.5	381.3	378.8	382.1
57.5°	342.6	341.7	337.5	336.7	338.4
60°	302.2	301.3	298.0	297.1	298.0
62.5°	264.3	264.3	260.9	259.2	261.8
65°	228.9	230.6	227.3	225.6	228.1
67.5°	197.0	198.6	195.3	193.6	197.0
70°	166.7	168.3	165.0	163.3	166.7
72.5°	140.6	141.4	138.9	138.0	142.2
75°	117.0	117.0	115.3	115.3	117.0
77.5°	95.1	94.3	93.4	93.4	91.7
80°	73.2	72.4	72.4	72.4	69.9
82.5°	52.2	50.5	51.3	52.2	48.0
85°	31.1	31.1	31.1	32.0	27.8
87.5°	12.6	12.6	11.8	12.6	10.9
90°	0.0	0.0	0.0	0.0	0.0







— 0°-180° - - 45°-225° - - - 90°-270°





(END OF REPORT)