

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: P1046927

Luminaire Tested: 22PTR-35-PP3-L935-UNV-STD-W

Issue Date: 7/10/2025

Test Information

Test Method: LM-79-2019
Report Number: P1046927
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-L935-UNV-STD-W
Description: 3500 LUMEN 2X2 PERCEIVE PT TROFFER WITH 3500K, 90 CRI LEDS AND PRISM LENS

Light Source:
Ballast/Driver: -

Summary

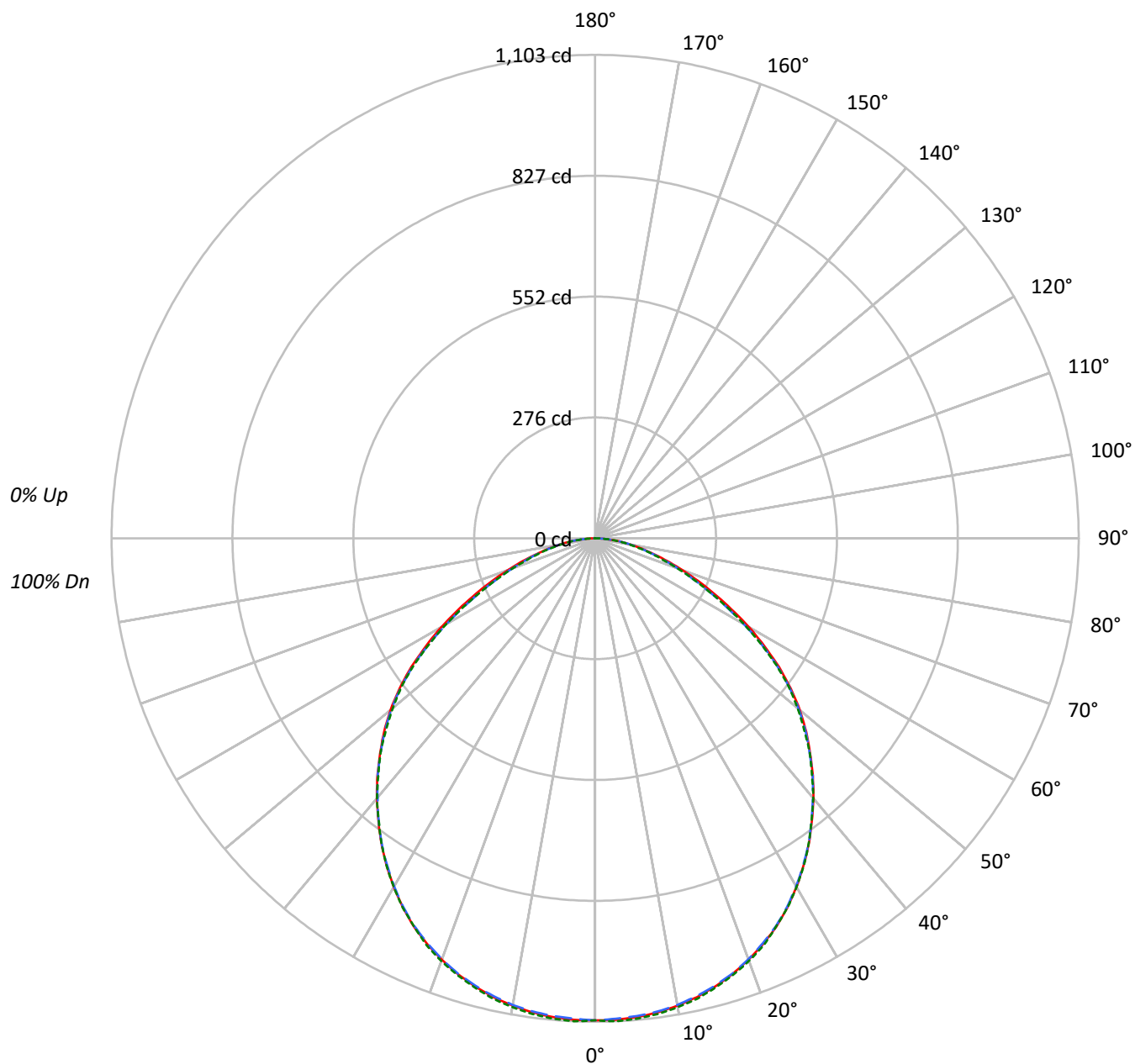
Lumens per Lamp: N/A
Luminaire Lumens: 2842.1 lumens
Efficiency: N/A
Efficacy: 109.3 lumens/watt
Spacing Criteria (0/90/45): 1.24 / 1.24 / 1.34
Luminous Opening: (L: 2 ' x W: 0 ' x H: 2 '
CIE Type: Direct

Input Watts (W): 26
Input Voltage (V): 120
Input Current (A_{in}): 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°	104.3	3.7
10°-20°	298.9	10.5
20°-30°	449.9	15.8
30°-40°	531.0	18.7
40°-50°	534.1	18.8
50°-60°	450.9	15.9
60°-70°	289.6	10.2
70°-80°	144.0	5.1
80°-90°	39.5	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°	853.1	30.0
0°-40°	1384.1	48.7
0°-60°	2369.1	83.4
0°-90°	2842.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2842.1	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1100	1100	1100	1100	1100	
5°	1097	1097	1094	1100	1100	104
15°	1058	1059	1056	1061	1061	299
25°	978	978	976	978	977	450
35°	850	850	849	850	850	531
45°	694	696	691	692	692	535
55°	512	511	506	504	504	455
65°	301	296	286	283	285	300
75°	138	137	133	131	130	149
85°	34	35	35	33	33	40
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1100.0	1100.0	1100.0	1100.0	1100.0
2.5°	1099.6	1100.0	1097.1	1102.3	1103.2
5°	1096.8	1097.1	1094.3	1099.6	1100.3
7.5°	1091.1	1091.6	1089.1	1093.9	1094.8
10°	1082.7	1084.0	1081.1	1085.6	1086.4
12.5°	1072.4	1072.9	1070.0	1075.2	1076.1
15°	1058.5	1058.8	1056.5	1061.3	1061.3
17.5°	1042.4	1042.8	1041.2	1045.3	1044.9
20°	1023.0	1024.1	1022.1	1024.8	1026.4
22.5°	1001.8	1002.2	999.7	1003.4	1005.0
25°	977.8	978.1	976.2	978.1	977.4
27.5°	949.8	950.6	947.8	949.8	950.3
30°	918.6	920.7	916.8	918.3	918.6
32.5°	885.1	886.3	883.5	884.0	886.0
35°	850.0	850.5	848.9	849.6	849.6
37.5°	812.2	813.7	811.3	812.4	810.8
40°	774.6	773.0	772.1	773.0	774.1
42.5°	735.0	735.4	734.2	733.4	731.5
45°	693.5	695.9	691.4	692.3	692.3
47.5°	652.9	653.1	650.8	648.4	646.8
50°	609.3	609.3	606.4	604.5	602.1
52.5°	561.7	561.0	557.8	555.8	557.0
55°	511.8	511.4	505.9	503.9	504.3
57.5°	457.1	458.0	449.6	447.6	447.6
60°	404.9	400.9	391.3	388.5	392.0
62.5°	350.1	345.3	335.0	335.0	337.7
65°	300.6	296.3	285.5	282.6	285.1
67.5°	254.3	250.3	240.4	238.8	239.5
70°	210.4	206.9	200.8	197.2	198.5
72.5°	172.5	169.3	165.2	162.5	160.9
75°	137.7	137.0	132.6	131.3	129.7
77.5°	109.0	108.7	105.0	103.4	101.8
80°	81.8	81.4	80.7	78.2	77.0
82.5°	58.3	58.3	57.9	55.9	54.7
85°	33.9	35.1	35.1	33.1	33.1
87.5°	13.6	14.4	13.6	13.6	13.2
90°	0.0	0.0	0.0	0.0	0.0







— 0°-180° - - 45°-225° - - - 90°-270°





(END OF REPORT)