

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: P1046969

Luminaire Tested: 22PTR-35-PR1-L935-UNV-STD-W

Issue Date: 7/10/2025

Test Information

Test Method: LM-79-2019
Report Number: P1046969
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P737735)
Test Lab: INNOVATION CENTER
Issue Date: 7/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: 22PTR-35-PR1-L935-UNV-STD-W
Description: 3500 LUMEN 2X2 PERCEIVE PT TROFFER WITH 3500K, 90 CRI LEDS AND RIPPLE LENS

Light Source:
Ballast/Driver: -

Summary

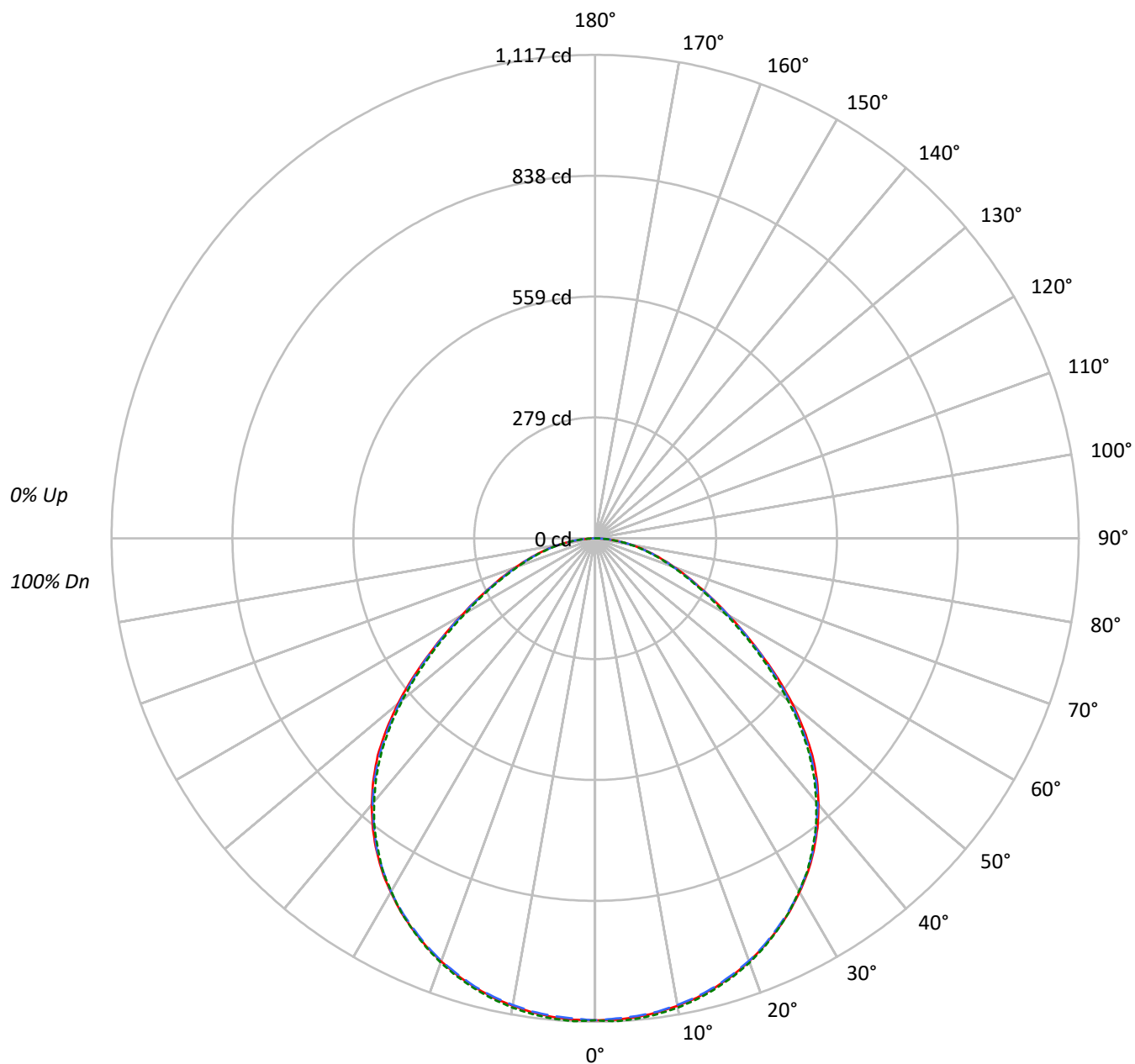
Lumens per Lamp: N/A
Luminaire Lumens: 2816.9 lumens
Efficiency: N/A
Efficacy: 108.3 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 1.26 / 1.34
Luminous Opening: (L: 2 ' x W: 0 ' x H: 2 '
CIE Type: Direct

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	110	105	101	98	107	103	99	96	99	96	93	95	92	90	91	89	88	85		
2	100	93	86	81	98	91	85	80	87	82	78	84	80	76	81	78	75	73		
3	92	82	74	68	90	80	73	68	78	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	45	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	39	33	29	39	33	29	27		

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°	105.6	3.8
10°-20°	303.3	10.8
20°-30°	459.4	16.3
30°-40°	548.4	19.5
40°-50°	539.4	19.1
50°-60°	416.9	14.8
60°-70°	262.9	9.3
70°-80°	142.2	5.0
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°	868.3	30.8
0°-40°	1416.8	50.3
0°-60°	2373.0	84.2
0°-90°	2816.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2816.9	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1114	1114	1114	1114	1114	
5°	1111	1111	1108	1113	1114	106
15°	1074	1074	1072	1076	1077	303
25°	997	998	994	998	998	459
35°	881	881	879	878	875	550
45°	710	707	702	697	697	544
55°	469	473	467	460	458	421
65°	265	265	263	259	258	266
75°	136	135	133	134	130	145
85°	33	34	33	33	32	39
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1113.8	1113.8	1113.8	1113.8	1113.8
2.5°	1113.4	1113.8	1110.6	1115.9	1117.0
5°	1110.6	1111.1	1108.2	1113.0	1114.3
7.5°	1105.0	1105.9	1103.1	1107.9	1109.0
10°	1097.0	1097.9	1095.1	1099.9	1101.1
12.5°	1087.1	1087.4	1085.1	1089.5	1090.6
15°	1073.9	1074.2	1072.4	1075.8	1077.4
17.5°	1058.7	1059.2	1056.4	1060.7	1061.5
20°	1040.4	1040.7	1039.1	1042.8	1043.2
22.5°	1020.0	1020.9	1018.4	1021.6	1022.0
25°	996.9	997.7	994.5	997.7	998.1
27.5°	972.6	972.8	970.1	972.6	972.1
30°	944.1	946.6	943.0	942.1	941.8
32.5°	914.7	915.0	911.5	910.6	912.2
35°	880.7	881.0	878.7	877.6	875.1
37.5°	843.6	843.6	839.1	838.4	838.0
40°	802.9	802.4	799.7	796.9	794.0
42.5°	758.5	759.3	753.7	748.9	748.2
45°	710.2	707.4	702.2	696.7	697.1
47.5°	653.2	653.9	646.8	642.3	641.1
50°	594.0	594.0	587.3	582.5	580.1
52.5°	532.2	532.6	526.2	519.9	518.6
55°	469.1	473.0	467.1	459.5	457.9
57.5°	410.1	413.2	407.6	399.6	399.2
60°	355.4	355.7	354.1	346.5	344.5
62.5°	308.7	306.6	305.8	301.8	299.4
65°	264.7	265.2	263.1	258.6	257.9
67.5°	229.2	228.7	225.1	222.4	220.8
70°	194.4	193.2	191.6	189.3	187.7
72.5°	163.3	163.3	162.0	161.3	158.5
75°	136.2	134.6	133.0	133.7	130.5
77.5°	110.2	108.6	107.3	105.7	105.0
80°	83.4	81.8	82.2	79.8	79.5
82.5°	57.9	57.9	57.1	55.1	55.6
85°	33.1	33.5	32.8	33.1	31.5
87.5°	12.0	12.3	13.2	12.3	12.3
90°	0.0	0.0	0.0	0.0	0.0





— 0°-180° - - 45°-225° - - - 90°-270°

(END OF REPORT)