

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: P1046801

Luminaire Tested: 22PTR-35-PC3-L935-UNV-STD-W

Issue Date: 7/10/2025

Test Information

Test Method: LM-79-2019
Report Number: P1046801
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P737711)
Test Lab: INNOVATION CENTER
Issue Date: 7/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: 22PTR-35-PC3-L935-UNV-STD-W
Description: 3500 LUMEN 2X2 PERCEIVE PT TROFFER WITH 3500K, 90 CRI LEDS AND PARAMID LENS

Light Source:
Ballast/Driver: -

Summary

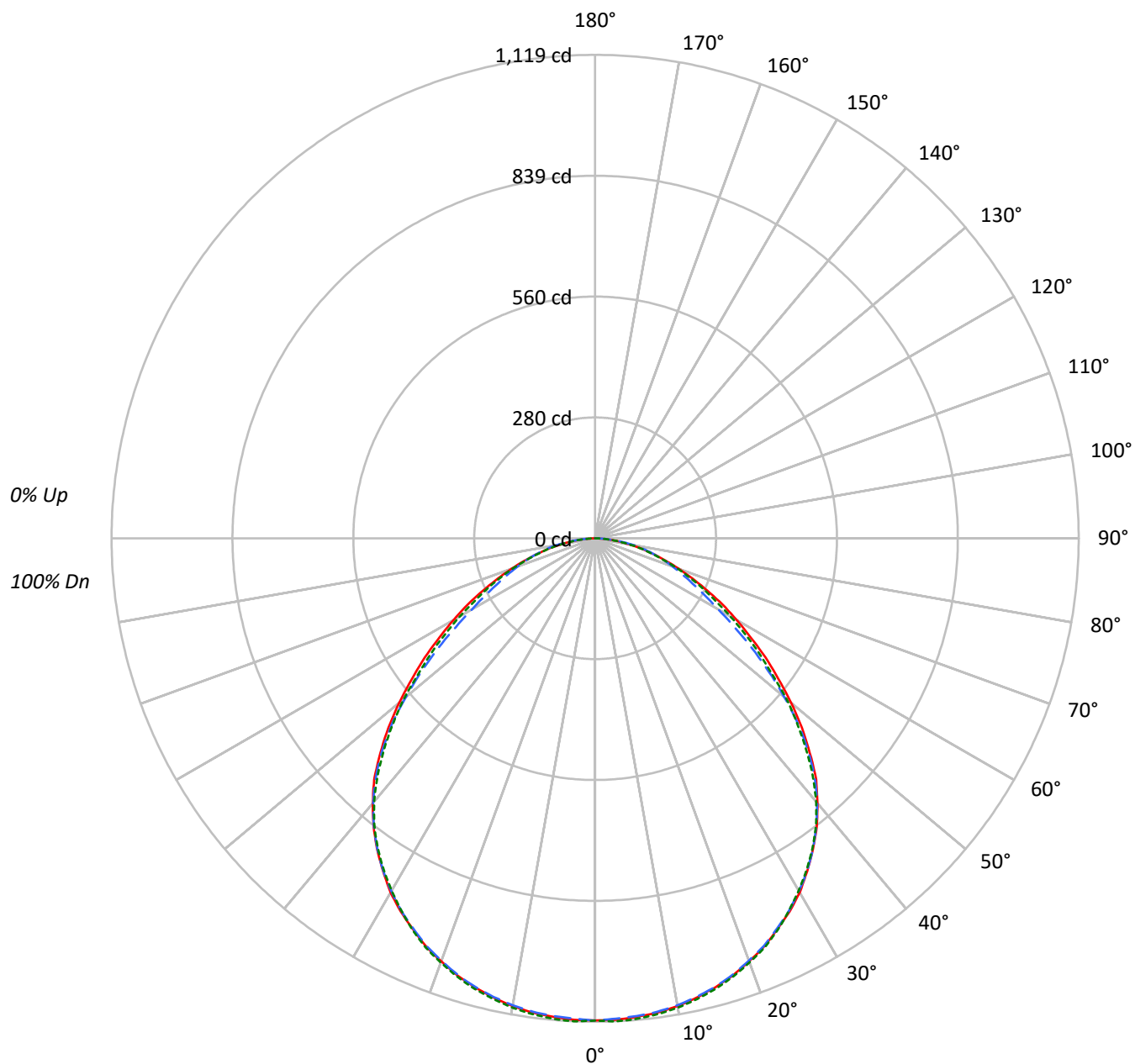
Lumens per Lamp: N/A
Luminaire Lumens: 2814.0 lumens
Efficiency: N/A
Efficacy: 108.2 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 1.25 / 1.34
Luminous Opening: (L: 2 ' x W: 0 ' x H: 2 '
CIE Type: Direct

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	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°	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°	105.9	3.8
10°-20°	303.9	10.8
20°-30°	460.1	16.3
30°-40°	548.5	19.5
40°-50°	535.9	19.0
50°-60°	409.8	14.6
60°-70°	263.1	9.3
70°-80°	146.4	5.2
80°-90°	40.4	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°	869.8	30.9
0°-40°	1418.3	50.4
0°-60°	2364.0	84.0
0°-90°	2814.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2814.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1116	1116	1116	1116	1116	
5°	1112	1113	1110	1115	1117	106
15°	1076	1077	1075	1078	1080	304
25°	998	999	996	1000	1000	460
35°	879	880	878	878	877	549
45°	703	704	697	696	690	541
55°	481	465	442	448	462	430
65°	286	264	249	257	274	285
75°	137	138	140	138	135	147
85°	30	35	36	34	30	37
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1116.2	1116.2	1116.2	1116.2	1116.2
2.5°	1115.4	1115.9	1113.0	1117.8	1119.3
5°	1112.2	1113.0	1110.2	1115.4	1116.6
7.5°	1107.5	1108.2	1105.4	1110.6	1111.1
10°	1099.5	1099.9	1097.4	1102.7	1103.4
12.5°	1088.7	1089.9	1087.1	1091.9	1092.2
15°	1075.8	1076.7	1074.7	1078.3	1079.5
17.5°	1060.7	1061.2	1059.2	1063.1	1063.5
20°	1041.9	1041.9	1040.3	1044.8	1044.8
22.5°	1022.7	1021.6	1021.1	1022.7	1025.2
25°	998.1	999.2	996.5	999.7	1000.4
27.5°	974.2	974.2	971.7	973.3	971.3
30°	946.6	945.0	943.4	943.7	941.8
32.5°	913.4	913.4	912.7	912.7	910.2
35°	879.1	879.9	878.3	877.8	876.7
37.5°	842.3	843.6	840.7	840.0	839.1
40°	800.4	800.4	799.2	797.6	795.6
42.5°	756.9	756.9	751.8	747.7	745.0
45°	702.6	704.2	697.4	695.8	690.3
47.5°	648.7	647.5	638.4	637.2	634.0
50°	591.2	584.4	571.3	574.8	577.7
52.5°	533.8	525.4	506.2	510.1	514.9
55°	481.4	464.7	442.4	447.9	462.3
57.5°	426.7	404.4	382.1	392.5	410.3
60°	378.4	353.3	329.0	340.1	360.9
62.5°	332.2	305.5	285.9	296.6	314.2
65°	285.9	263.8	248.8	257.0	274.3
67.5°	243.5	228.7	218.4	222.4	236.3
70°	205.2	196.0	190.4	191.6	199.6
72.5°	168.8	166.5	164.5	164.5	165.2
75°	137.4	138.5	139.7	137.8	134.6
77.5°	108.2	112.1	115.0	111.0	107.0
80°	79.5	85.9	89.5	85.0	79.1
82.5°	54.2	61.5	62.7	59.9	53.1
85°	29.9	35.1	35.5	34.4	29.9
87.5°	11.2	13.2	14.4	13.2	11.6
90°	0.0	0.0	0.0	0.0	0.0







— 0°-180° - - 45°-225° - - - 90°-270°







(END OF REPORT)