

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: P1046767

Luminaire Tested: 22PTR-25-PC3-L835-UNV-STD-W

Issue Date: 7/10/2025

Test Information

Test Method: LM-79-2019
Report Number: P1046767
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-25-PC3-L835-UNV-STD-W
Description: 2500 LUMEN 2X2 PERCEIVE PT TROFFER WITH 3500K, 80 CRI LEDS AND PARAMID LENS

Light Source:
Ballast/Driver: -

Summary

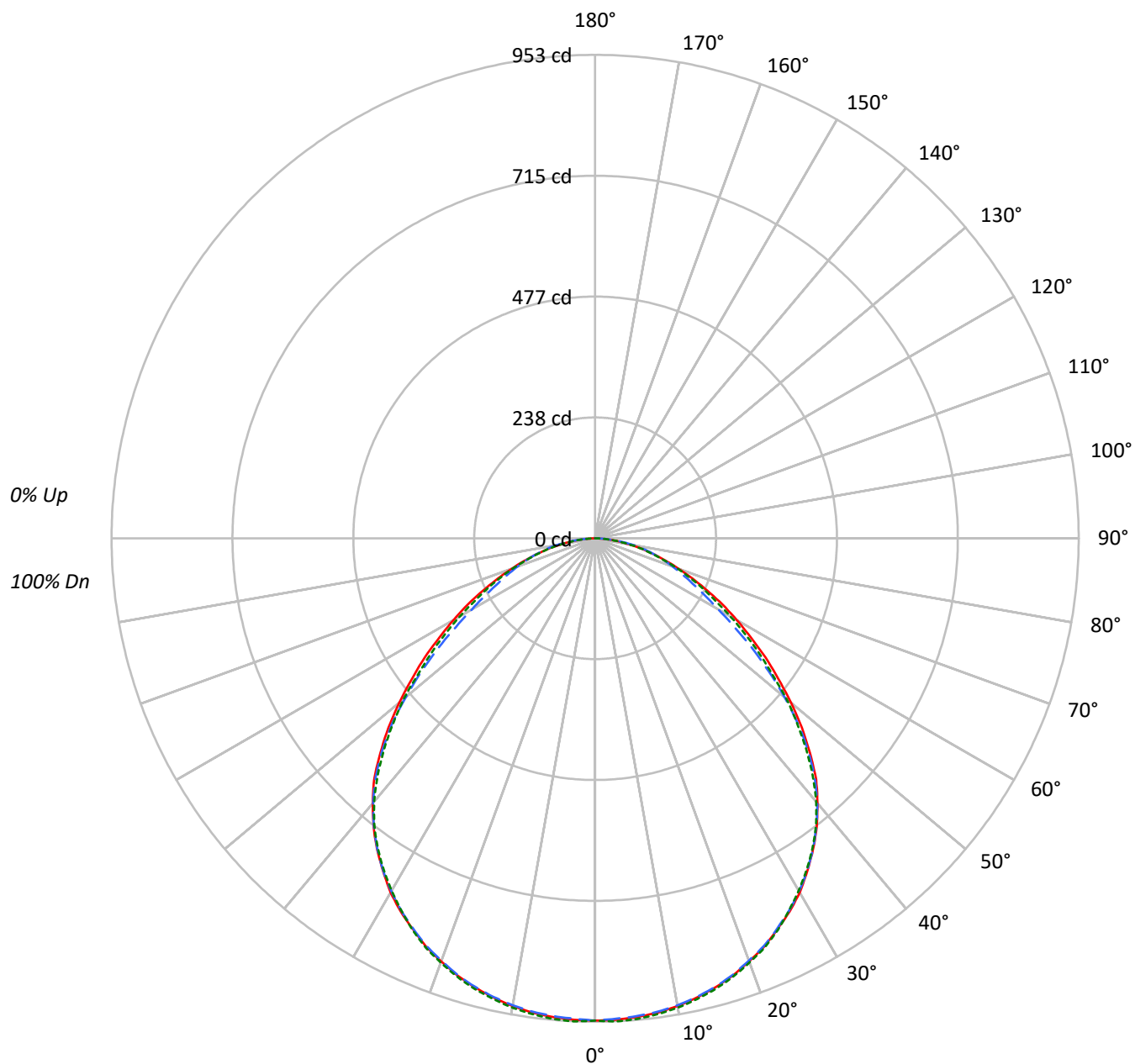
Lumens per Lamp: N/A
Luminaire Lumens: 2396.9 lumens
Efficiency: N/A
Efficacy: 126.2 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 1.25 / 1.34
Luminous Opening: (L: 2 ' x W: 0 ' x H: 2 '
CIE Type: Direct

Input Watts (W): 19
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
RCR																				
0	119	119	119	119	116	116	116	116		111	111	111			106	106	106			102
1	110	105	101	98	107	103	99	96		99	96	93			95	92	90			91
2	100	93	86	81	98	91	85	80		87	82	78			84	80	76			81
3	92	82	74	68	90	80	73	68		77	71	66			75	70	65			72
4	85	73	65	58	82	72	64	58		69	63	57			67	61	56			65
5	78	66	57	51	76	65	56	50		62	55	50			61	54	49			59
6	72	59	51	45	70	58	50	44		57	49	44			55	49	44			53
7	67	54	46	40	65	53	45	39		52	44	39			50	44	39			49
8	62	49	41	35	61	49	41	35		47	40	35			46	40	35			45
9	58	45	37	32	57	45	37	32		44	37	32			43	36	32			42
10	55	42	34	29	54	41	34	29		40	34	29			40	33	29			39

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°	90.2	3.8
10°-20°	258.8	10.8
20°-30°	391.9	16.3
30°-40°	467.2	19.5
40°-50°	456.5	19.0
50°-60°	349.1	14.6
60°-70°	224.1	9.3
70°-80°	124.7	5.2
80°-90°	34.4	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°	740.9	30.9
0°-40°	1208.1	50.4
0°-60°	2013.7	84.0
0°-90°	2396.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2396.9	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	951	951	951	951	951	
5°	947	948	946	950	951	90
15°	916	917	915	918	920	259
25°	850	851	849	852	852	392
35°	749	750	748	748	747	468
45°	598	600	594	593	588	461
55°	410	396	377	382	394	367
65°	244	225	212	219	234	243
75°	117	118	119	117	115	125
85°	26	30	30	29	26	31
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	950.7	950.7	950.7	950.7	950.7
2.5°	950.1	950.5	948.0	952.1	953.4
5°	947.4	948.0	945.6	950.1	951.1
7.5°	943.3	943.9	941.6	946.0	946.4
10°	936.5	936.9	934.8	939.2	939.8
12.5°	927.4	928.4	926.0	930.1	930.3
15°	916.4	917.1	915.4	918.5	919.5
17.5°	903.5	903.9	902.2	905.5	905.9
20°	887.5	887.5	886.1	889.9	889.9
22.5°	871.1	870.2	869.8	871.1	873.2
25°	850.1	851.1	848.8	851.5	852.1
27.5°	829.8	829.8	827.7	829.0	827.3
30°	806.3	804.9	803.6	803.8	802.2
32.5°	778.0	778.0	777.4	777.4	775.3
35°	748.8	749.5	748.1	747.7	746.7
37.5°	717.5	718.6	716.1	715.5	714.7
40°	681.7	681.7	680.8	679.4	677.7
42.5°	644.7	644.7	640.4	636.9	634.6
45°	598.5	599.8	594.0	592.7	588.0
47.5°	552.5	551.5	543.7	542.8	540.0
50°	503.6	497.8	486.7	489.6	492.1
52.5°	454.7	447.5	431.2	434.5	438.6
55°	410.1	395.9	376.8	381.5	393.8
57.5°	363.5	344.5	325.4	334.3	349.5
60°	322.3	301.0	280.2	289.7	307.4
62.5°	282.9	260.2	243.5	252.7	267.6
65°	243.5	224.7	211.9	218.9	233.6
67.5°	207.4	194.8	186.1	189.4	201.3
70°	174.8	166.9	162.2	163.2	170.0
72.5°	143.8	141.8	140.1	140.1	140.7
75°	117.0	118.0	119.0	117.4	114.7
77.5°	92.2	95.5	98.0	94.5	91.2
80°	67.7	73.1	76.2	72.4	67.3
82.5°	46.2	52.4	53.4	51.0	45.2
85°	25.5	29.9	30.3	29.3	25.5
87.5°	9.5	11.2	12.2	11.2	9.9
90°	0.0	0.0	0.0	0.0	0.0







— 0°-180° - - 45°-225° - - - 90°-270°



(END OF REPORT)