

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: P1046683

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

Issue Date: 7/10/2025

Test Information

Test Method: LM-79-2019
Report Number: P1046683
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2310-200-1)
Test Lab: INNOVATION CENTER
Issue Date: 7/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: 22PTR-25-L835-UNV-STD-W
Description: 2500 LUMEN 2X2 PERCEIVE PT TROFFER WITH 3500K, 80 CRI LEDS AND FROSTED LENS

Light Source:
Ballast/Driver: -

Summary

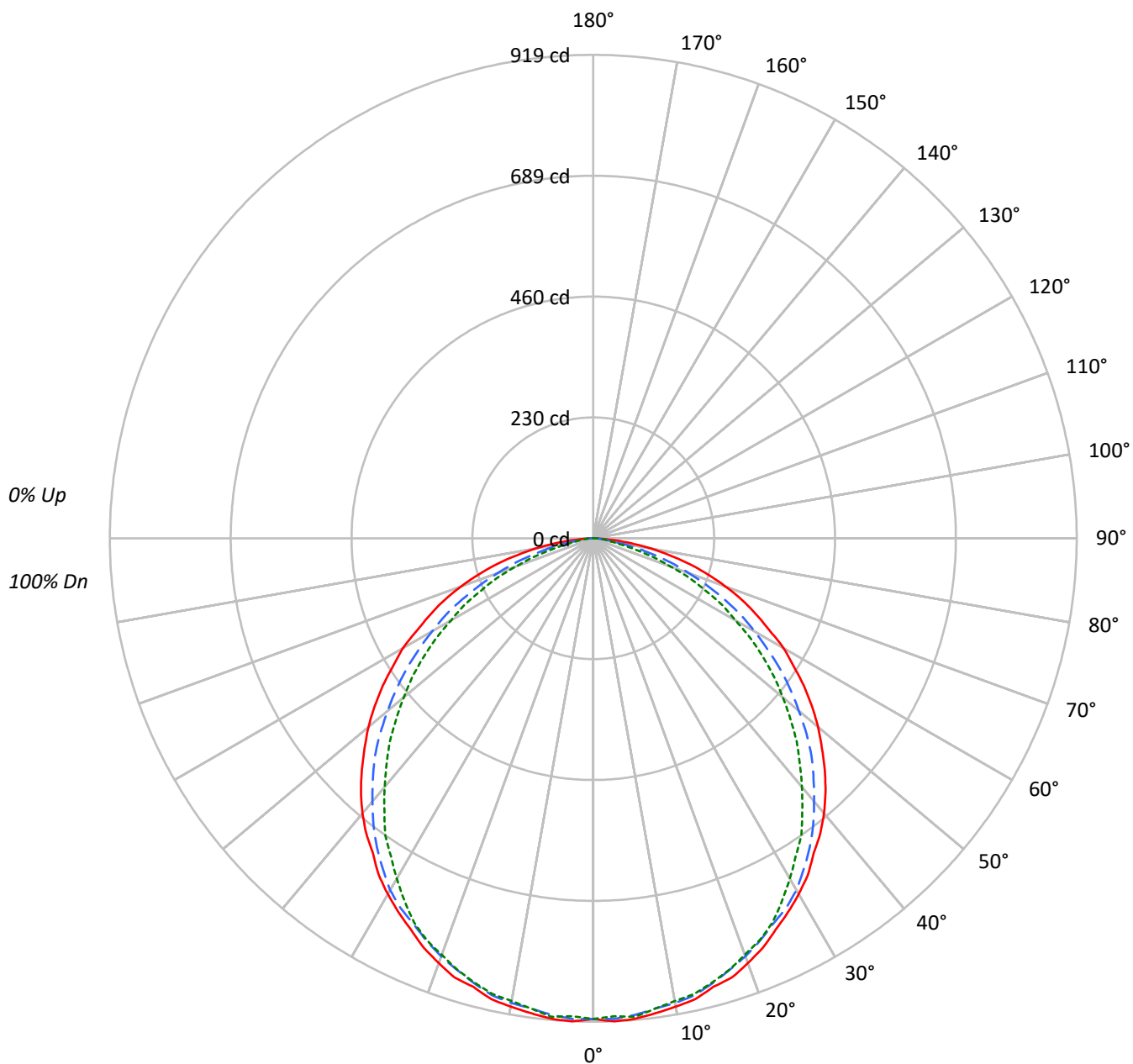
Lumens per Lamp: N/A
Luminaire Lumens: 2433.9 lumens
Efficiency: N/A
Efficacy: 128.1 lumens/watt
Spacing Criteria (0/90/45): 1.27 / 1.21 / 1.35
Luminous Opening: (L: 2 ' x W: 0 ' x H: 2 '
CIE Type: Direct

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	109	105	101	97	107	103	99	96	98	95	93		95	92	90		91
2	100	92	85	80	97	90	84	79	87	81	77		83	79	75		80
3	91	81	73	67	89	79	72	66	76	70	65		74	68	64		71
4	84	72	63	57	81	71	63	56	68	61	56		66	60	55		64
5	77	64	56	49	75	63	55	49	61	54	48		59	53	48		57
6	71	58	49	43	69	57	49	43	55	48	42		54	47	42		52
7	66	53	44	38	64	52	44	38	50	43	38		49	42	37		48
8	61	48	40	34	60	47	39	34	46	39	34		45	38	33		44
9	57	44	36	31	56	44	36	30	42	35	30		41	35	30		40
10	54	41	33	28	53	40	33	28	39	32	28		38	32	27		37

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°	86.6	3.6
10°-20°	247.9	10.2
20°-30°	374.4	15.4
30°-40°	445.1	18.3
40°-50°	451.4	18.5
50°-60°	392.0	16.1
60°-70°	278.3	11.4
70°-80°	133.0	5.5
80°-90°	25.2	1.0
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°	708.8	29.1
0°-40°	1154.0	47.4
0°-60°	1997.4	82.1
0°-90°	2433.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2433.9	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	914	914	914	914	914	
5°	917	914	909	912	913	87
15°	883	885	876	875	874	250
25°	821	820	809	812	806	379
35°	730	729	717	693	690	459
45°	622	617	587	556	547	480
55°	488	474	434	408	394	436
65°	341	316	274	245	236	338
75°	190	155	115	91	81	199
85°	37	20	17	16	16	47
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	913.7	913.7	913.7	913.7	913.7
2.5°	919.2	915.9	914.8	918.6	909.4
5°	917.0	913.7	909.4	911.6	913.2
7.5°	910.5	907.8	901.8	906.7	901.8
10°	904.0	901.2	896.9	898.5	893.1
12.5°	897.4	890.9	889.8	890.9	887.1
15°	882.7	884.9	875.7	874.6	874.0
17.5°	875.7	870.2	860.4	861.0	859.9
20°	859.3	852.8	845.7	844.6	842.5
22.5°	842.5	834.8	828.3	831.6	826.7
25°	820.7	819.6	808.7	812.0	806.0
27.5°	801.6	797.8	792.9	785.9	777.1
30°	781.0	777.1	772.3	753.7	747.2
32.5°	759.2	754.8	745.0	723.3	716.2
35°	730.3	729.3	717.3	692.8	689.5
37.5°	708.6	696.6	686.8	661.8	652.5
40°	682.5	675.9	653.1	629.1	617.1
42.5°	653.6	646.0	619.9	594.3	581.2
45°	622.0	616.6	587.2	556.2	546.9
47.5°	589.4	584.5	549.7	519.7	507.8
50°	557.8	551.8	509.9	481.1	470.2
52.5°	523.5	513.7	472.4	444.1	433.7
55°	488.2	473.5	433.7	408.2	394.0
57.5°	450.6	437.0	392.9	366.3	354.8
60°	418.0	398.9	353.7	326.5	311.8
62.5°	376.1	359.7	316.7	284.6	277.6
65°	341.2	315.6	274.3	244.9	235.6
67.5°	305.9	275.9	234.0	204.1	199.2
70°	267.2	236.2	193.2	163.8	155.6
72.5°	228.0	197.6	155.6	124.6	119.7
75°	189.9	155.1	115.4	91.4	81.1
77.5°	148.6	117.0	81.1	56.1	49.5
80°	110.5	78.9	46.8	33.2	32.7
82.5°	72.4	45.7	25.0	25.6	24.5
85°	37.0	19.6	16.9	16.3	15.8
87.5°	7.1	7.6	8.2	8.2	8.2
90°	0.0	0.0	0.0	0.0	0.0







— 0°-180° - - 45°-225° - - - 90°-270°





(END OF REPORT)