

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: P1046913

Luminaire Tested: 22PTR-25-PP3-L935-UNV-STD-W

Issue Date: 7/10/2025

Test Information

Test Method: LM-79-2019
Report Number: P1046913
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-25-PP3-L935-UNV-STD-W
Description: 2500 LUMEN 2X2 PERCEIVE PT TROFFER WITH 3500K, 90 CRI LEDS AND PRISM LENS

Light Source:
Ballast/Driver: -

Summary

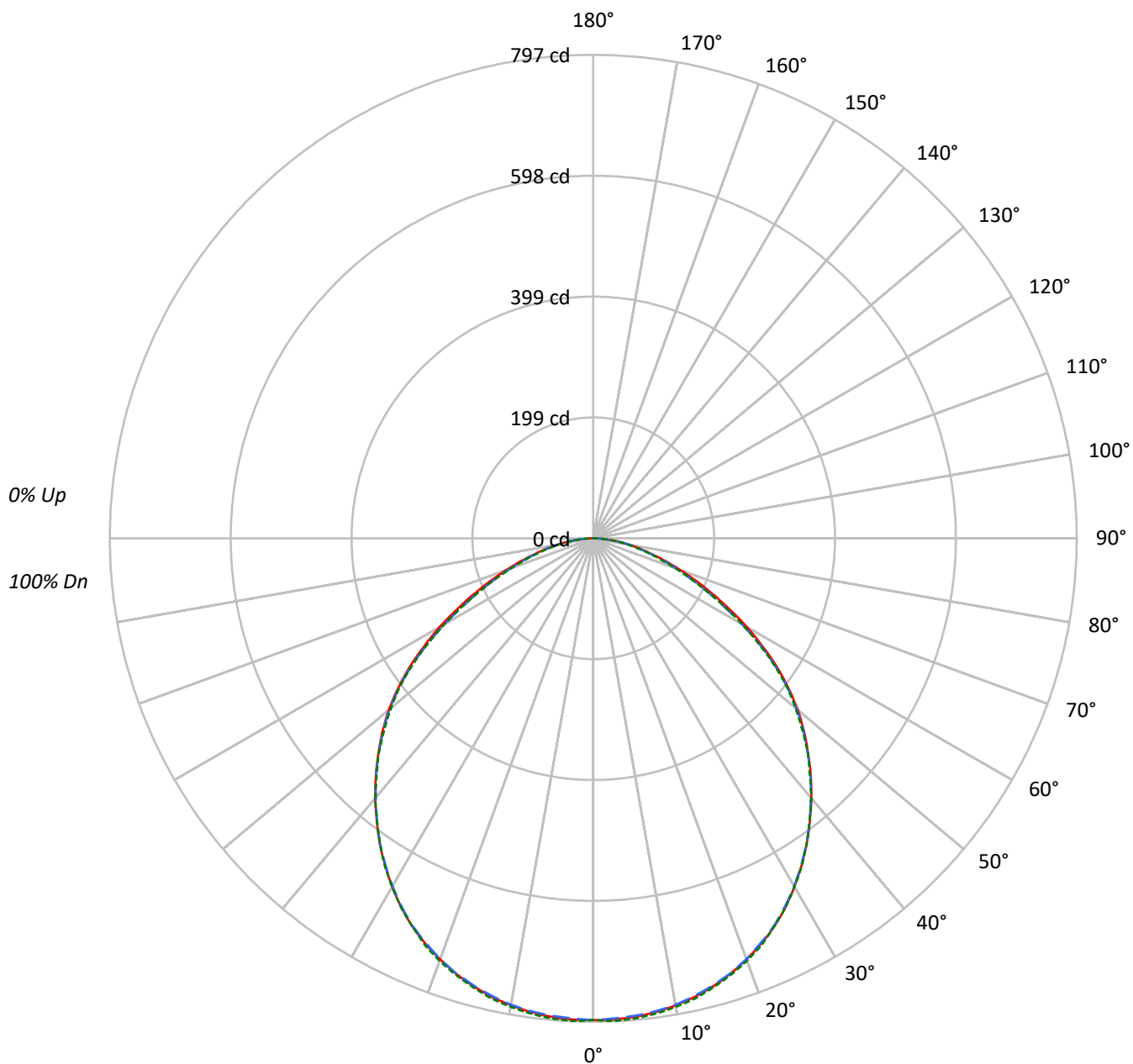
Lumens per Lamp: N/A
Luminaire Lumens: 2052.5 lumens
Efficiency: N/A
Efficacy: 108.0 lumens/watt
Spacing Criteria (0/90/45): 1.24 / 1.24 / 1.34
Luminous Opening: (L: 2 ' x W: 0 ' x H: 2 '
CIE Type: Direct

Input Watts (W): 19
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°	75.3	3.7
10°-20°	215.8	10.5
20°-30°	324.9	15.8
30°-40°	383.5	18.7
40°-50°	385.7	18.8
50°-60°	325.6	15.9
60°-70°	209.1	10.2
70°-80°	104.0	5.1
80°-90°	28.5	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°	616.1	30.0
0°-40°	999.6	48.7
0°-60°	1710.9	83.4
0°-90°	2052.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2052.5	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	794	794	794	794	794	
5°	792	792	790	794	795	75
15°	764	765	763	766	766	216
25°	706	706	705	706	706	325
35°	614	614	613	614	614	384
45°	501	503	499	500	500	387
55°	370	369	365	364	364	329
65°	217	214	206	204	206	216
75°	99	99	96	95	94	108
85°	24	25	25	24	24	29
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	794.4	794.4	794.4	794.4	794.4
2.5°	794.1	794.4	792.3	796.1	796.7
5°	792.1	792.3	790.3	794.1	794.6
7.5°	788.0	788.3	786.5	790.0	790.6
10°	781.9	782.9	780.8	784.0	784.5
12.5°	774.5	774.8	772.7	776.5	777.1
15°	764.4	764.6	763.0	766.4	766.4
17.5°	752.8	753.1	752.0	754.9	754.6
20°	738.8	739.6	738.1	740.1	741.3
22.5°	723.5	723.8	722.0	724.6	725.8
25°	706.2	706.4	705.0	706.4	705.9
27.5°	686.0	686.5	684.5	686.0	686.3
30°	663.4	664.9	662.1	663.2	663.4
32.5°	639.2	640.1	638.1	638.4	639.9
35°	613.9	614.2	613.0	613.6	613.6
37.5°	586.5	587.7	585.9	586.7	585.6
40°	559.4	558.2	557.6	558.2	559.1
42.5°	530.8	531.1	530.3	529.6	528.3
45°	500.8	502.6	499.4	500.0	500.0
47.5°	471.5	471.7	470.0	468.2	467.1
50°	440.0	440.0	438.0	436.6	434.8
52.5°	405.7	405.2	402.9	401.4	402.2
55°	369.6	369.3	365.3	363.9	364.2
57.5°	330.1	330.8	324.7	323.2	323.2
60°	292.4	289.5	282.6	280.6	283.1
62.5°	252.8	249.4	241.9	241.9	243.9
65°	217.1	213.9	206.2	204.1	205.9
67.5°	183.7	180.7	173.6	172.5	173.0
70°	151.9	149.4	145.0	142.4	143.3
72.5°	124.6	122.3	119.3	117.3	116.2
75°	99.4	98.9	95.8	94.8	93.7
77.5°	78.7	78.5	75.9	74.7	73.6
80°	59.1	58.8	58.3	56.5	55.6
82.5°	42.1	42.1	41.8	40.3	39.5
85°	24.5	25.4	25.4	23.9	23.9
87.5°	9.8	10.4	9.8	9.8	9.5
90°	0.0	0.0	0.0	0.0	0.0

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report







— 0°-180° - - 45°-225° - - - 90°-270°



(END OF REPORT)