

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: P1046950

Luminaire Tested: 22PTR-25-PR1-L930-UNV-STD-W

Issue Date: 7/10/2025

Test Information

Test Method: LM-79-2019
Report Number: P1046950
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-25-PR1-L930-UNV-STD-W
Description: 2500 LUMEN 2X2 PERCEIVE PT TROFFER WITH 3000K, 90 CRI LEDS AND RIPPLE LENS

Light Source:
Ballast/Driver: -

Summary

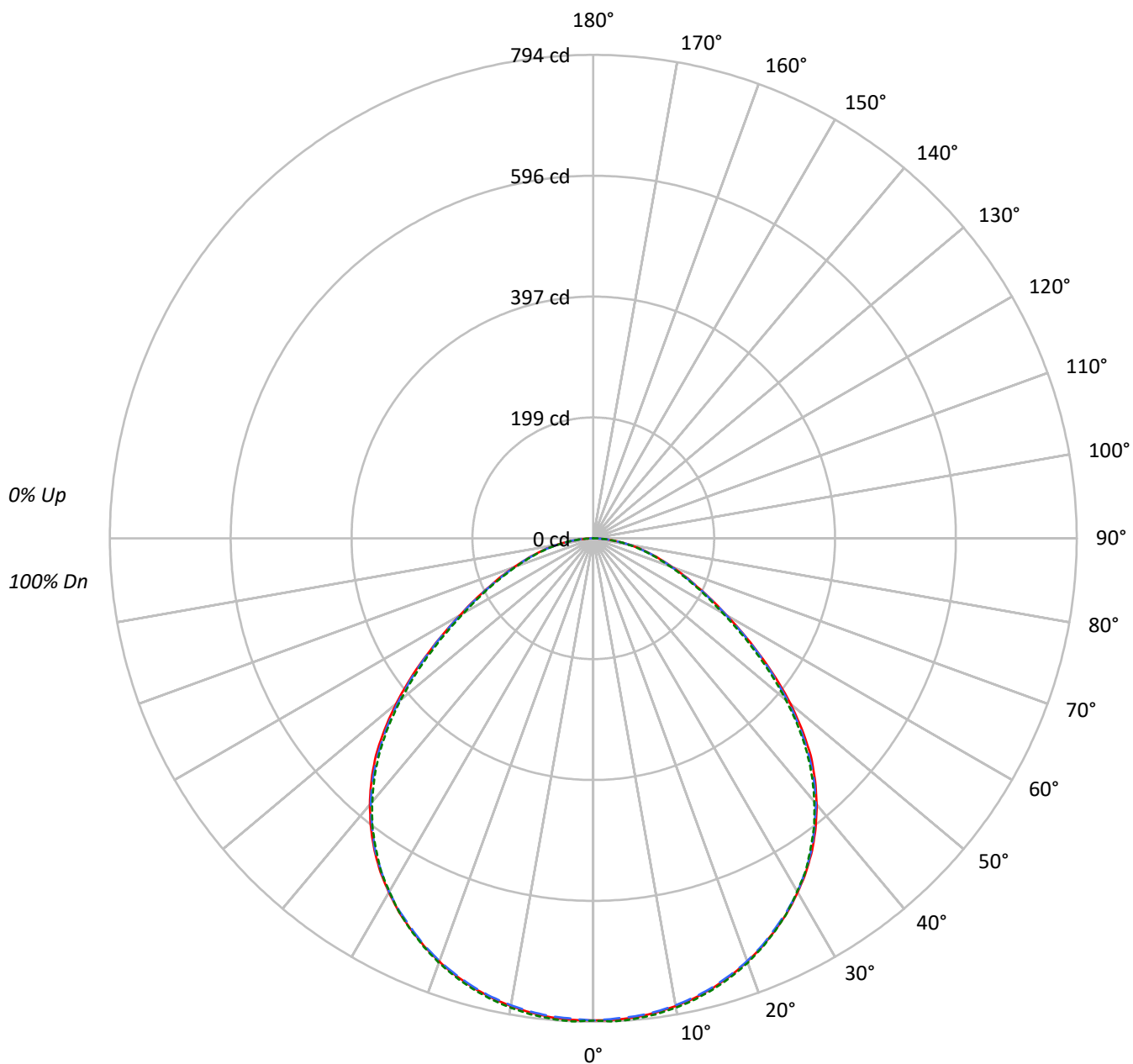
Lumens per Lamp: N/A
Luminaire Lumens: 2003.1 lumens
Efficiency: N/A
Efficacy: 105.4 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 1.26 / 1.34
Luminous Opening: (L: 2 ' x W: 0 ' x H: 2 '
CIE Type: Direct

Input Watts (W): 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	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°	75.1	3.8
10°-20°	215.6	10.8
20°-30°	326.7	16.3
30°-40°	390.0	19.5
40°-50°	383.5	19.1
50°-60°	296.4	14.8
60°-70°	186.9	9.3
70°-80°	101.1	5.0
80°-90°	27.6	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°	617.5	30.8
0°-40°	1007.5	50.3
0°-60°	1687.4	84.2
0°-90°	2003.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2003.1	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	792	792	792	792	792	
5°	790	790	788	791	792	75
15°	764	764	762	765	766	216
25°	709	709	707	709	710	327
35°	626	626	625	624	622	391
45°	505	503	499	495	496	387
55°	334	336	332	327	326	299
65°	188	188	187	184	183	189
75°	97	96	95	95	93	103
85°	24	24	23	24	22	28
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	792.0	792.0	792.0	792.0	792.0
2.5°	791.7	792.0	789.8	793.5	794.3
5°	789.8	790.1	788.0	791.4	792.3
7.5°	785.7	786.4	784.4	787.8	788.6
10°	780.1	780.7	778.7	782.1	783.0
12.5°	773.1	773.3	771.6	774.7	775.5
15°	763.7	763.9	762.5	765.0	766.1
17.5°	752.8	753.2	751.2	754.3	754.8
20°	739.8	740.1	738.9	741.5	741.8
22.5°	725.3	725.9	724.2	726.4	726.7
25°	708.9	709.4	707.1	709.4	709.7
27.5°	691.6	691.8	689.8	691.6	691.3
30°	671.4	673.1	670.5	669.9	669.7
32.5°	650.4	650.6	648.2	647.5	648.7
35°	626.3	626.5	624.8	624.0	622.3
37.5°	599.9	599.9	596.7	596.2	595.9
40°	570.9	570.6	568.6	566.7	564.6
42.5°	539.3	540.0	535.9	532.5	532.0
45°	505.0	503.0	499.3	495.4	495.7
47.5°	464.5	465.0	459.9	456.7	455.9
50°	422.4	422.4	417.6	414.2	412.5
52.5°	378.4	378.7	374.2	369.7	368.7
55°	333.6	336.3	332.1	326.8	325.6
57.5°	291.6	293.9	289.8	284.2	283.8
60°	252.7	252.9	251.8	246.4	245.0
62.5°	219.5	218.0	217.4	214.6	212.9
65°	188.2	188.5	187.1	183.9	183.4
67.5°	163.0	162.7	160.1	158.1	157.0
70°	138.2	137.4	136.3	134.6	133.5
72.5°	116.1	116.1	115.2	114.7	112.7
75°	96.9	95.7	94.6	95.1	92.8
77.5°	78.4	77.3	76.3	75.2	74.7
80°	59.3	58.2	58.5	56.7	56.5
82.5°	41.2	41.2	40.6	39.2	39.5
85°	23.5	23.8	23.3	23.5	22.4
87.5°	8.6	8.8	9.4	8.8	8.8
90°	0.0	0.0	0.0	0.0	0.0







— 0°-180° - - 45°-225° - - - 90°-270°





(END OF REPORT)