

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: P1046782

Luminaire Tested: 22PTR-25-PC3-L930-UNV-STD-W

Issue Date: 7/10/2025

Test Information

Test Method: LM-79-2019
Report Number: P1046782
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-L930-UNV-STD-W
Description: 2500 LUMEN 2X2 PERCEIVE PT TROFFER WITH 3000K, 90 CRI LEDS AND PARAMID LENS

Light Source:
Ballast/Driver: -

Summary

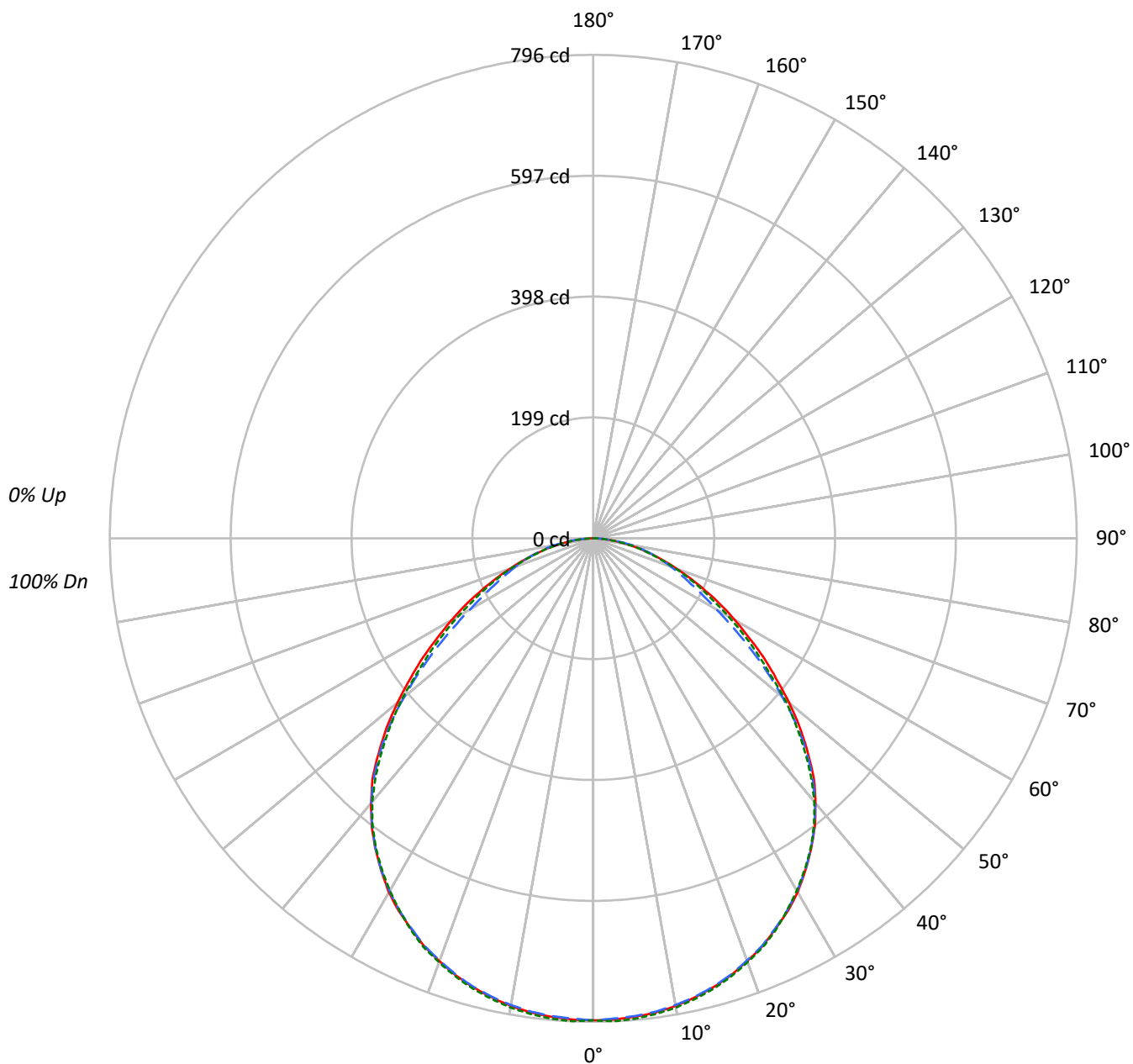
Lumens per Lamp: N/A
Luminaire Lumens: 2001.1 lumens
Efficiency: N/A
Efficacy: 105.3 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 1.25 / 1.34
Luminous Opening: (L: 2 ' x W: 0 ' x H: 2 '
CIE Type: Direct

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	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°	75.3	3.8
10°-20°	216.1	10.8
20°-30°	327.2	16.3
30°-40°	390.1	19.5
40°-50°	381.1	19.0
50°-60°	291.4	14.6
60°-70°	187.1	9.3
70°-80°	104.1	5.2
80°-90°	28.7	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°	618.5	30.9
0°-40°	1008.6	50.4
0°-60°	1681.2	84.0
0°-90°	2001.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2001.1	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	794	794	794	794	794	
5°	791	792	790	793	794	75
15°	765	766	764	767	768	216
25°	710	711	709	711	711	327
35°	625	626	625	624	623	391
45°	500	501	496	495	491	384
55°	342	330	315	318	329	306
65°	203	188	177	183	195	203
75°	98	98	99	98	96	104
85°	21	25	25	24	21	26
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	793.7	793.7	793.7	793.7	793.7
2.5°	793.2	793.5	791.5	794.9	796.0
5°	791.0	791.5	789.5	793.2	794.0
7.5°	787.5	788.1	786.1	789.8	790.1
10°	781.9	782.2	780.4	784.1	784.7
12.5°	774.2	775.1	773.1	776.5	776.7
15°	765.1	765.7	764.2	766.8	767.6
17.5°	754.3	754.6	753.2	756.0	756.3
20°	740.9	740.9	739.8	743.0	743.0
22.5°	727.3	726.5	726.2	727.3	729.1
25°	709.8	710.6	708.6	710.9	711.4
27.5°	692.8	692.8	691.0	692.1	690.7
30°	673.2	672.0	670.9	671.1	669.8
32.5°	649.5	649.5	649.0	649.0	647.3
35°	625.2	625.7	624.6	624.3	623.4
37.5°	599.0	599.9	597.9	597.3	596.7
40°	569.2	569.2	568.4	567.2	565.8
42.5°	538.2	538.2	534.6	531.7	529.8
45°	499.7	500.8	495.9	494.8	490.9
47.5°	461.3	460.5	454.0	453.1	450.9
50°	420.4	415.6	406.3	408.8	410.8
52.5°	379.6	373.6	360.0	362.8	366.2
55°	342.4	330.5	314.6	318.5	328.7
57.5°	303.5	287.6	271.7	279.1	291.8
60°	269.1	251.3	233.9	241.9	256.6
62.5°	236.2	217.2	203.3	210.9	223.4
65°	203.3	187.6	176.9	182.8	195.1
67.5°	173.2	162.7	155.3	158.1	168.0
70°	146.0	139.4	135.4	136.3	141.9
72.5°	120.1	118.4	117.0	117.0	117.5
75°	97.7	98.5	99.3	98.0	95.7
77.5°	76.9	79.7	81.8	78.9	76.1
80°	56.5	61.1	63.6	60.4	56.2
82.5°	38.6	43.7	44.6	42.6	37.8
85°	21.2	25.0	25.3	24.4	21.2
87.5°	7.9	9.4	10.2	9.4	8.3
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)