

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: P1046968

Luminaire Tested: 22PTR-35-PR1-L930-UNV-STD-W

Issue Date: 7/10/2025

Test Information

Test Method: LM-79-2019
Report Number: P1046968
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-35-PR1-L930-UNV-STD-W
Description: 3500 LUMEN 2X2 PERCEIVE PT TROFFER WITH 3000K, 90 CRI LEDS AND RIPPLE LENS

Light Source:
Ballast/Driver: -

Summary

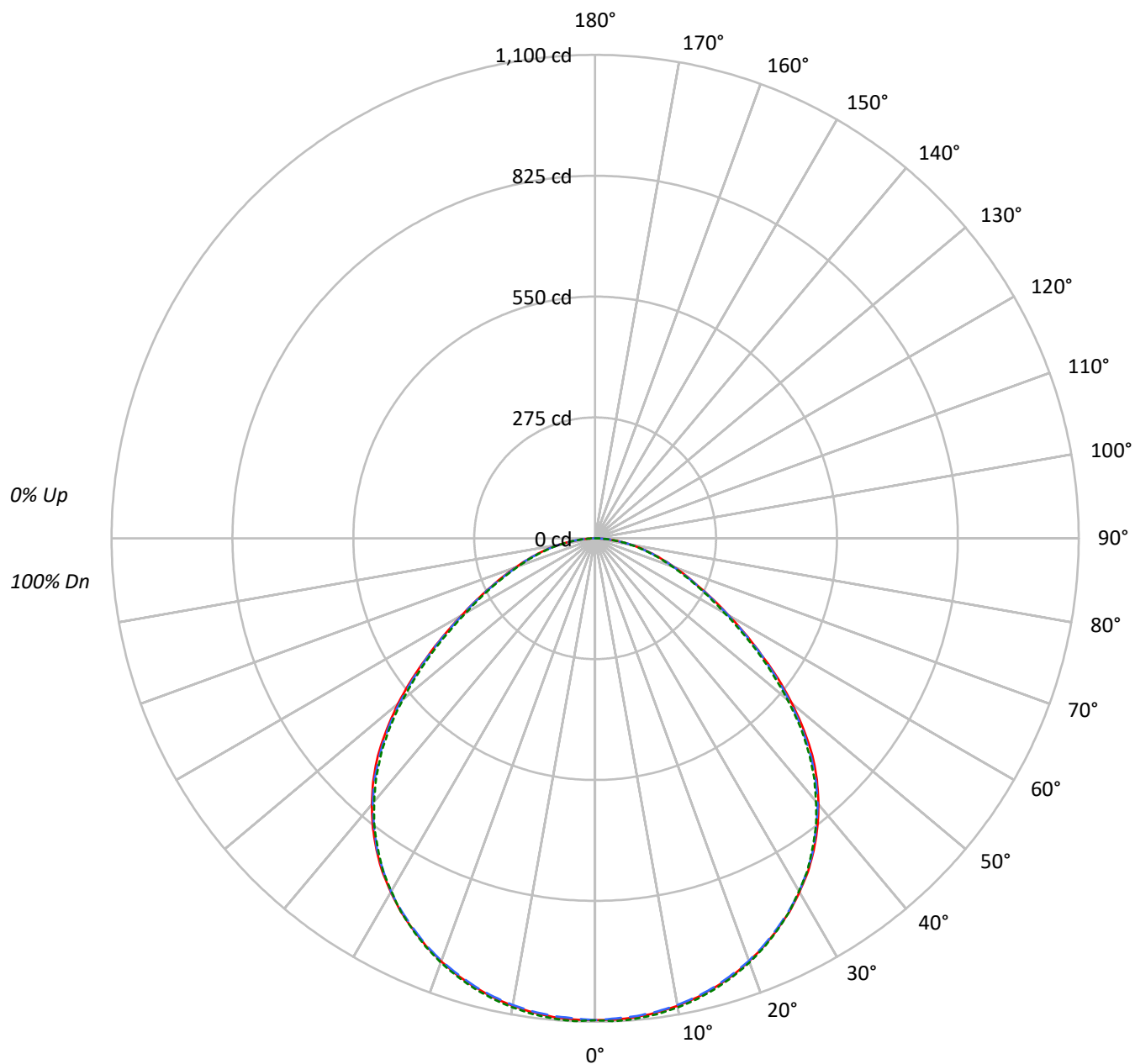
Lumens per Lamp: N/A
Luminaire Lumens: 2773.3 lumens
Efficiency: N/A
Efficacy: 106.7 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 1.26 / 1.34
Luminous Opening: (L: 2 ' x W: 0 ' x H: 2 '
CIE Type: Direct

Input Watts (W): 26
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	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°	104.0	3.8
10°-20°	298.6	10.8
20°-30°	452.3	16.3
30°-40°	540.0	19.5
40°-50°	531.0	19.1
50°-60°	410.4	14.8
60°-70°	258.8	9.3
70°-80°	140.0	5.0
80°-90°	38.2	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°	854.9	30.8
0°-40°	1394.8	50.3
0°-60°	2336.2	84.2
0°-90°	2773.3	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2773.3	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1097	1097	1097	1097	1097	
5°	1093	1094	1091	1096	1097	104
15°	1057	1058	1056	1059	1061	298
25°	982	982	979	982	983	452
35°	867	867	865	864	862	541
45°	699	696	691	686	686	535
55°	462	466	460	452	451	414
65°	261	261	259	255	254	262
75°	134	132	131	132	128	142
85°	33	33	32	33	31	39
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1096.6	1096.6	1096.6	1096.6	1096.6
2.5°	1096.1	1096.6	1093.4	1098.6	1099.7
5°	1093.4	1093.9	1091.0	1095.7	1097.0
7.5°	1087.9	1088.7	1086.0	1090.7	1091.9
10°	1080.0	1080.9	1078.2	1082.9	1084.0
12.5°	1070.3	1070.6	1068.3	1072.6	1073.7
15°	1057.3	1057.6	1055.7	1059.2	1060.7
17.5°	1042.3	1042.7	1040.0	1044.3	1045.0
20°	1024.3	1024.6	1023.0	1026.6	1027.0
22.5°	1004.2	1005.0	1002.6	1005.8	1006.2
25°	981.5	982.2	979.1	982.2	982.6
27.5°	957.5	957.8	955.1	957.5	957.1
30°	929.5	931.9	928.4	927.5	927.2
32.5°	900.5	900.8	897.4	896.5	898.1
35°	867.1	867.4	865.1	864.0	861.5
37.5°	830.5	830.5	826.1	825.4	825.0
40°	790.4	790.0	787.3	784.6	781.7
42.5°	746.7	747.6	742.0	737.3	736.6
45°	699.2	696.4	691.3	685.9	686.3
47.5°	643.0	643.8	636.8	632.3	631.2
50°	584.8	584.8	578.2	573.5	571.1
52.5°	523.9	524.4	518.1	511.8	510.5
55°	461.8	465.7	459.8	452.4	450.8
57.5°	403.7	406.8	401.3	393.4	393.0
60°	349.9	350.2	348.6	341.2	339.2
62.5°	303.9	301.9	301.0	297.2	294.7
65°	260.6	261.0	259.0	254.6	253.9
67.5°	225.6	225.2	221.6	218.9	217.3
70°	191.4	190.2	188.6	186.4	184.8
72.5°	160.8	160.8	159.5	158.8	156.1
75°	134.1	132.5	130.9	131.7	128.5
77.5°	108.5	107.0	105.7	104.1	103.4
80°	82.1	80.5	81.0	78.5	78.3
82.5°	57.0	57.0	56.3	54.3	54.7
85°	32.6	33.0	32.3	32.6	31.0
87.5°	11.9	12.1	13.0	12.1	12.1
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)