

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: P1047010

Luminaire Tested: 22PTR-35-PW1-L930-UNV-STD-W

Issue Date: 7/10/2025

Test Information

Test Method: LM-79-2019
Report Number: P1047010
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P737743)
Test Lab: INNOVATION CENTER
Issue Date: 7/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: 22PTR-35-PW1-L930-UNV-STD-W
Description: 3500 LUMEN 2X2 PERCEIVE PT TROFFER WITH 3000K, 90 CRI LEDS AND WAVES LENS

Light Source:
Ballast/Driver: -

Summary

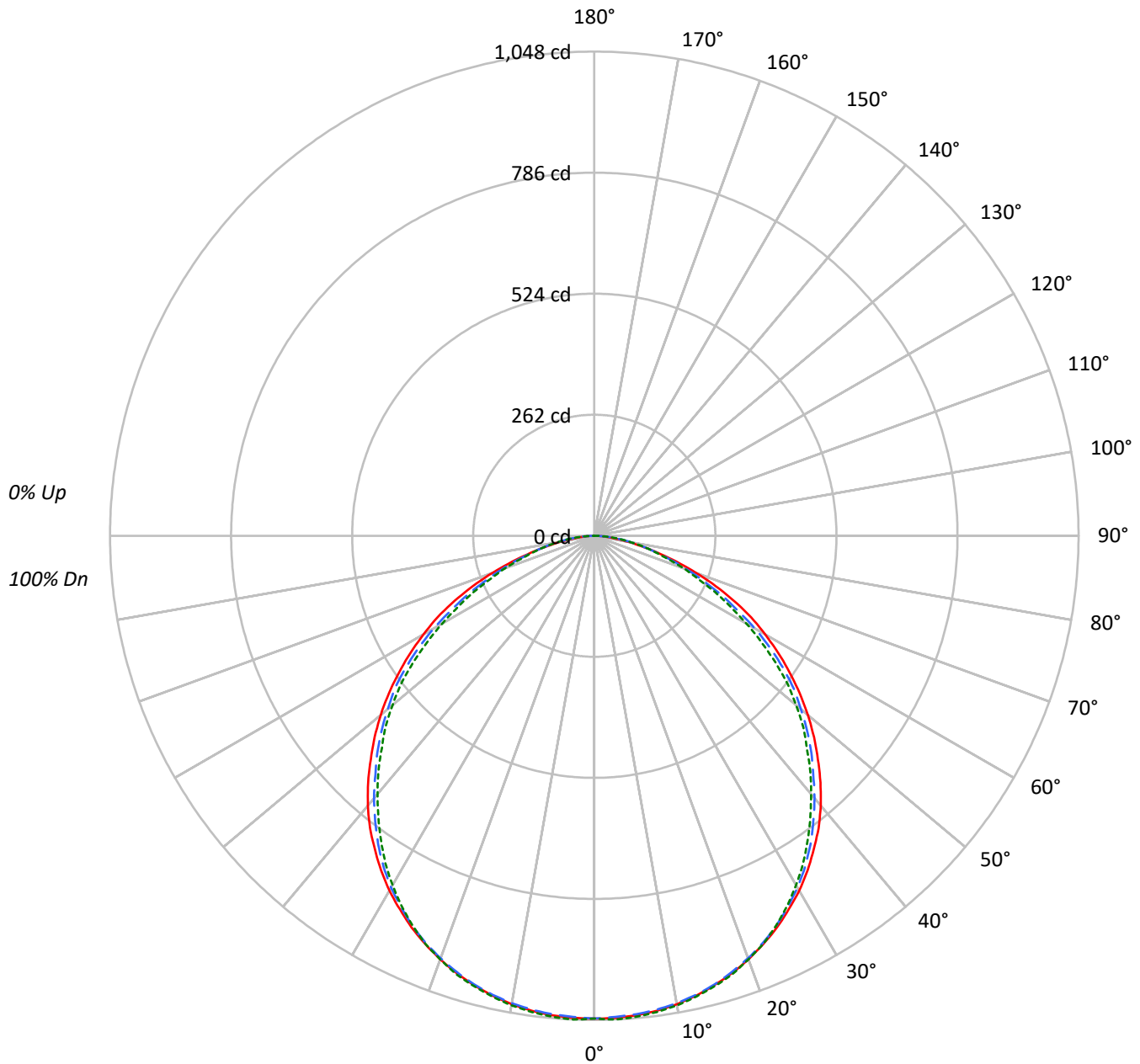
Lumens per Lamp: N/A
Luminaire Lumens: 2773.3 lumens
Efficiency: N/A
Efficacy: 106.7 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 1.24 / 1.34
Luminous Opening: (L: 2 ' x W: 0 ' x H: 2 '
CIE Type: Direct

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	109	105	101	97	107	103	99	95	98	95	92	94	92	90	91	89	87	85		
2	100	92	85	80	97	90	84	79	86	81	77	83	79	75	80	77	74	71		
3	91	81	73	67	89	79	72	66	76	70	65	74	68	64	71	67	63	61		
4	84	72	63	57	81	71	63	57	68	61	56	66	60	55	64	59	54	52		
5	77	64	56	49	75	63	55	49	61	54	48	59	53	48	57	52	47	45		
6	71	58	49	43	69	57	49	43	55	48	42	54	47	42	52	46	42	40		
7	66	53	44	38	64	52	44	38	50	43	38	49	42	37	48	42	37	35		
8	62	48	40	34	60	48	40	34	46	39	34	45	38	34	44	38	33	31		
9	58	44	36	31	56	44	36	31	43	35	30	41	35	30	40	34	30	28		
10	54	41	33	28	53	40	33	28	39	32	28	38	32	28	38	32	27	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°	99.1	3.6
10°-20°	284.3	10.2
20°-30°	429.6	15.5
30°-40°	510.1	18.4
40°-50°	513.9	18.5
50°-60°	444.2	16.0
60°-70°	303.6	10.9
70°-80°	149.7	5.4
80°-90°	38.7	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°	813.0	29.3
0°-40°	1323.1	47.7
0°-60°	2281.2	82.3
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°	1045	1045	1045	1045	1045	
5°	1042	1042	1040	1044	1045	99
15°	1007	1008	1005	1009	1009	284
25°	936	935	932	932	931	431
35°	828	825	815	808	805	518
45°	684	677	664	656	650	528
55°	516	514	498	484	478	461
65°	333	321	303	290	288	329
75°	141	140	138	138	134	154
85°	27	31	34	35	34	33
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1045.0	1045.0	1045.0	1045.0	1045.0
2.5°	1044.7	1045.0	1042.3	1047.0	1048.1
5°	1041.9	1042.3	1039.7	1043.9	1045.0
7.5°	1037.0	1037.7	1034.6	1038.8	1039.7
10°	1029.5	1029.9	1027.3	1031.5	1032.3
12.5°	1019.5	1019.8	1017.6	1021.4	1021.4
15°	1006.7	1007.9	1005.2	1008.7	1009.0
17.5°	992.4	992.8	990.1	993.9	994.8
20°	975.4	975.4	973.1	976.2	975.4
22.5°	956.4	956.4	953.7	955.2	955.9
25°	935.5	934.7	931.6	932.4	930.9
27.5°	911.5	911.5	906.0	906.0	903.3
30°	887.1	885.2	879.4	875.9	873.2
32.5°	859.1	856.5	849.1	843.0	841.0
35°	827.9	825.1	815.4	808.1	805.0
37.5°	797.6	791.5	778.6	771.3	767.8
40°	762.3	754.6	741.5	731.4	729.8
42.5°	724.5	718.3	701.3	693.8	692.0
45°	684.2	676.8	664.0	656.2	650.5
47.5°	644.7	639.2	624.6	615.3	613.3
50°	603.2	598.5	583.5	573.5	570.0
52.5°	560.3	557.2	544.4	531.6	527.4
55°	515.8	514.3	498.4	483.6	478.5
57.5°	472.1	470.1	450.2	433.2	428.6
60°	426.3	420.6	401.1	385.2	380.2
62.5°	383.0	370.6	349.6	337.3	331.5
65°	333.3	321.4	302.8	289.6	287.7
67.5°	284.6	270.3	255.9	247.8	241.6
70°	233.8	224.1	213.3	206.4	205.3
72.5°	186.6	179.7	174.2	170.0	166.5
75°	141.3	140.1	138.2	138.2	134.4
77.5°	103.8	106.5	108.1	107.6	108.5
80°	72.0	77.4	80.5	80.9	80.5
82.5°	45.7	51.9	57.0	57.7	58.5
85°	26.7	31.4	34.5	35.2	34.5
87.5°	12.0	15.1	15.9	16.6	15.9
90°	0.0	0.0	0.0	0.0	0.0







— 0°-180° - - 45°-225° - - - 90°-270°







(END OF REPORT)