

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: P1046928

Luminaire Tested: 22PTR-35-PP3-L940-UNV-STD-W

Issue Date: 7/10/2025

Test Information

Test Method: LM-79-2019
Report Number: P1046928
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-35-PP3-L940-UNV-STD-W
Description: 3500 LUMEN 2X2 PERCEIVE PT TROFFER WITH 4000K, 90 CRI LEDS AND PRISM LENS

Light Source:
Ballast/Driver: -

Summary

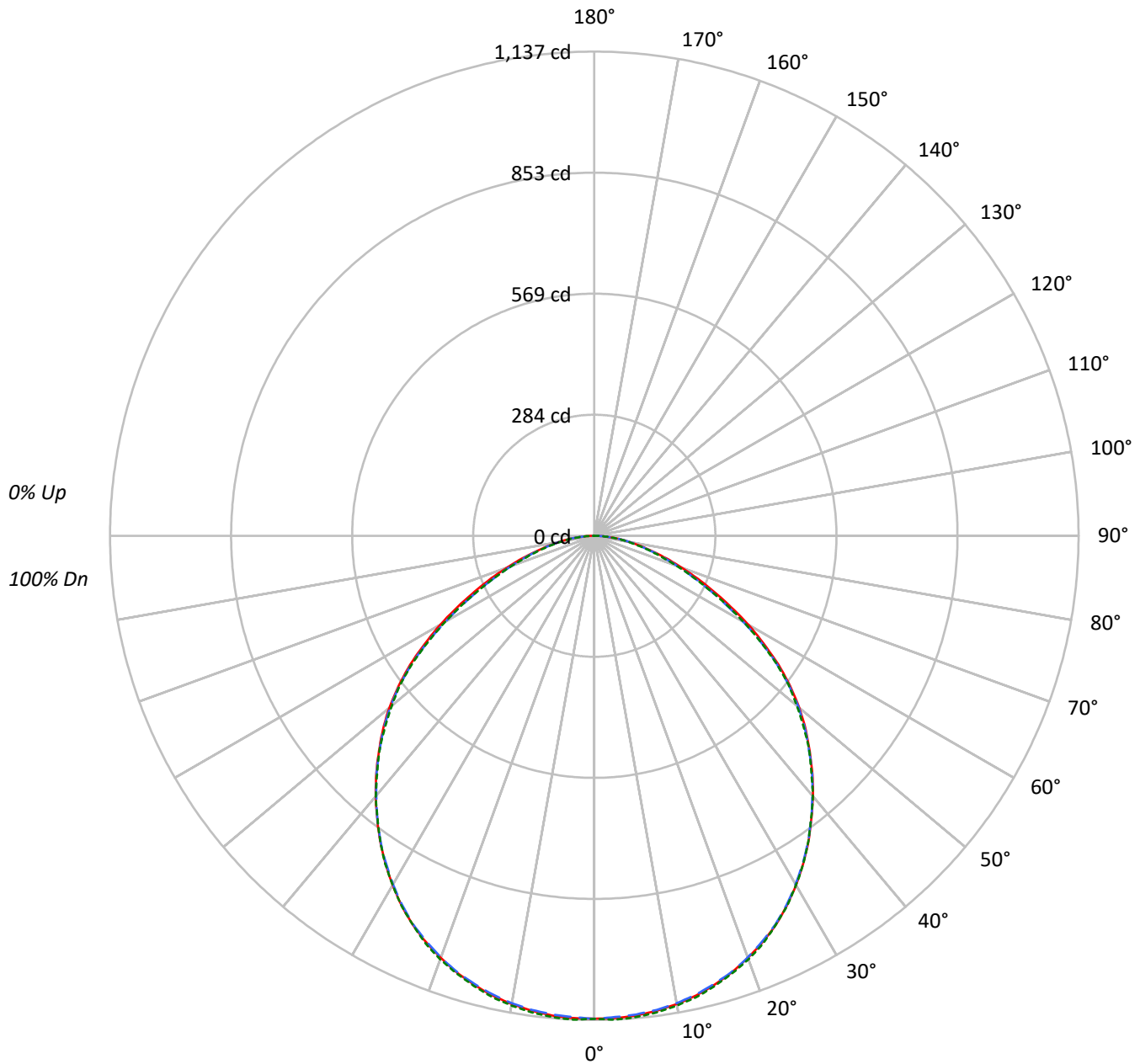
Lumens per Lamp: N/A
Luminaire Lumens: 2930.4 lumens
Efficiency: N/A
Efficacy: 112.7 lumens/watt
Spacing Criteria (0/90/45): 1.24 / 1.24 / 1.34
Luminous Opening: (L: 2 ' x W: 0 ' x H: 2 '
CIE Type: Direct

Input Watts (W): 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

TEST NUMBER: P1046928

CATALOG NUMBER: 22PTR-35-PP3-L940-UNV-STD-W

Luminous Intensity Polar Plot



TEST NUMBER: P1046928

CATALOG NUMBER: 22PTR-35-PP3-L940-UNV-STD-W

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: -

TEST NUMBER: P1046928

CATALOG NUMBER: 22PTR-35-PP3-L940-UNV-STD-W

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	107.6	3.7
10°-20°	308.1	10.5
20°-30°	463.9	15.8
30°-40°	547.5	18.7
40°-50°	550.7	18.8
50°-60°	464.9	15.9
60°-70°	298.5	10.2
70°-80°	148.5	5.1
80°-90°	40.7	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°	879.6	30.0
0°-40°	1427.1	48.7
0°-60°	2442.7	83.4
0°-90°	2930.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2930.4	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1134	1134	1134	1134	1134	
5°	1131	1131	1128	1134	1134	107
15°	1091	1092	1089	1094	1094	308
25°	1008	1008	1007	1008	1008	464
35°	876	877	875	876	876	548
45°	715	718	713	714	714	552
55°	528	527	522	520	520	469
65°	310	306	294	291	294	309
75°	142	141	137	135	134	154
85°	35	36	36	34	34	41
90°	0	0	0	0	0	

TEST NUMBER: P1046928

CATALOG NUMBER: 22PTR-35-PP3-L940-UNV-STD-W

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1134.2	1134.2	1134.2	1134.2	1134.2
2.5°	1133.7	1134.2	1131.2	1136.5	1137.4
5°	1130.9	1131.2	1128.3	1133.7	1134.5
7.5°	1125.0	1125.5	1122.9	1127.9	1128.8
10°	1116.4	1117.7	1114.7	1119.3	1120.1
12.5°	1105.7	1106.2	1103.2	1108.6	1109.5
15°	1091.4	1091.7	1089.3	1094.2	1094.2
17.5°	1074.8	1075.2	1073.6	1077.8	1077.3
20°	1054.7	1055.9	1053.8	1056.7	1058.3
22.5°	1032.9	1033.3	1030.8	1034.5	1036.2
25°	1008.2	1008.5	1006.6	1008.5	1007.8
27.5°	979.3	980.1	977.2	979.3	979.8
30°	947.2	949.3	945.2	946.9	947.2
32.5°	912.6	913.8	911.0	911.4	913.5
35°	876.4	876.9	875.2	876.0	876.0
37.5°	837.4	839.0	836.5	837.7	836.0
40°	798.6	797.0	796.1	797.0	798.2
42.5°	757.8	758.2	757.0	756.2	754.2
45°	715.0	717.6	712.9	713.8	713.8
47.5°	673.1	673.4	671.0	668.5	666.8
50°	628.3	628.3	625.3	623.3	620.8
52.5°	579.2	578.4	575.2	573.1	574.3
55°	527.7	527.3	521.6	519.5	520.0
57.5°	471.3	472.2	463.6	461.5	461.5
60°	417.5	413.3	403.4	400.6	404.2
62.5°	360.9	356.0	345.4	345.4	348.2
65°	309.9	305.5	294.4	291.4	293.9
67.5°	262.2	258.0	247.9	246.2	247.0
70°	216.9	213.3	207.0	203.3	204.6
72.5°	177.9	174.6	170.4	167.5	165.9
75°	142.0	141.2	136.7	135.4	133.7
77.5°	112.3	112.0	108.3	106.7	105.0
80°	84.4	83.9	83.2	80.6	79.4
82.5°	60.1	60.1	59.7	57.6	56.4
85°	35.0	36.2	36.2	34.1	34.1
87.5°	14.1	14.8	14.1	14.1	13.6
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)