

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: P1046800

Luminaire Tested: 22PTR-35-PC3-L930-UNV-STD-W

Issue Date: 7/10/2025

Test Information

Test Method: LM-79-2019
Report Number: P1046800
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-35-PC3-L930-UNV-STD-W
Description: 3500 LUMEN 2X2 PERCEIVE PT TROFFER WITH 3000K, 90 CRI LEDS AND PARAMID LENS

Light Source:
Ballast/Driver: -

Summary

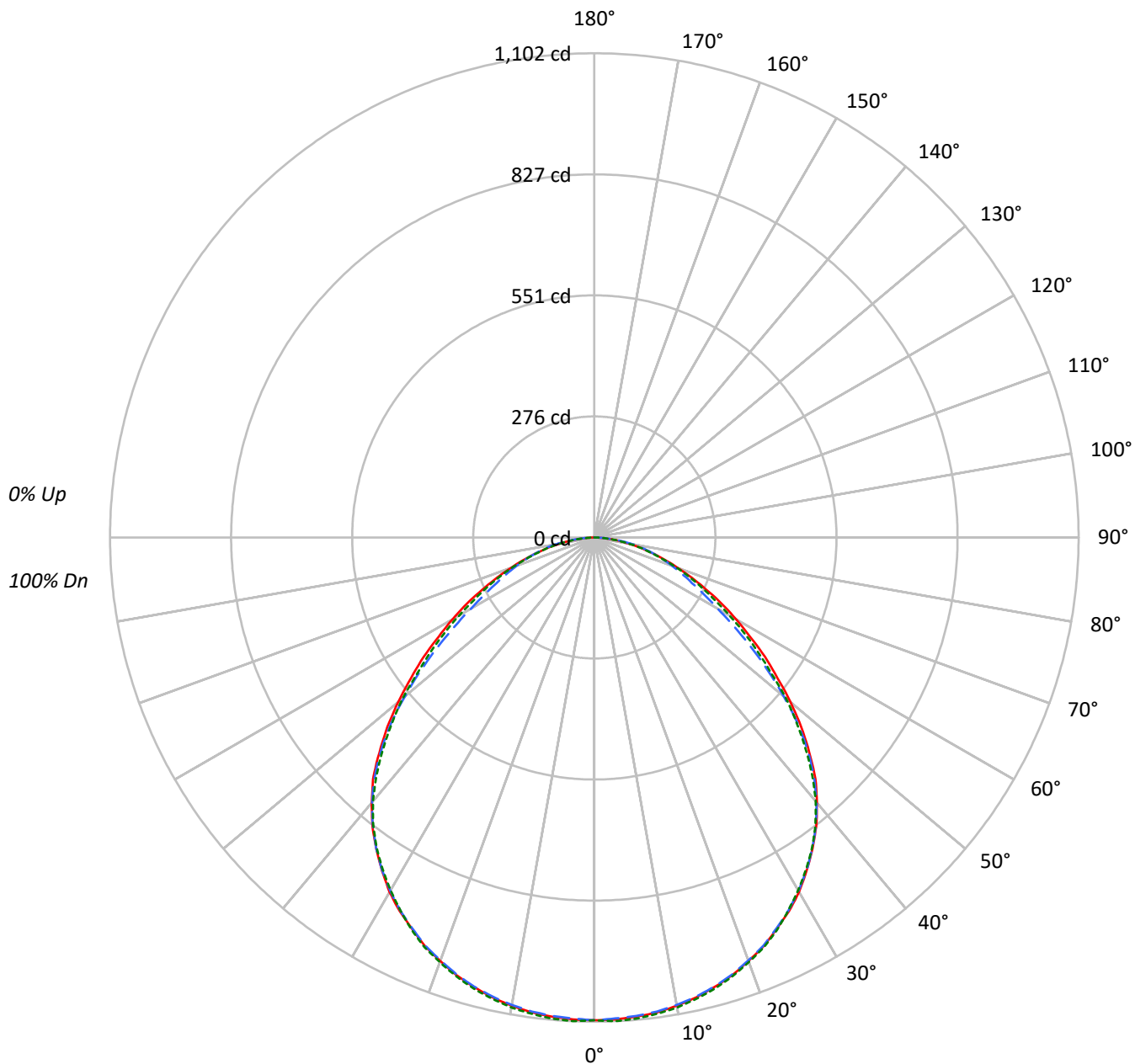
Lumens per Lamp: N/A
Luminaire Lumens: 2770.3 lumens
Efficiency: N/A
Efficacy: 106.6 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 1.25 / 1.34
Luminous Opening: (L: 2 ' x W: 0 ' x H: 2 '
CIE Type: Direct

Input Watts (W): 26
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

TEST NUMBER: P1046800

CATALOG NUMBER: 22PTR-35-PC3-L930-UNV-STD-W

Luminous Intensity Polar Plot



TEST NUMBER: P1046800

CATALOG NUMBER: 22PTR-35-PC3-L930-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	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: -

TEST NUMBER: P1046800

CATALOG NUMBER: 22PTR-35-PC3-L930-UNV-STD-W

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	104.2	3.8
10°-20°	299.2	10.8
20°-30°	452.9	16.3
30°-40°	540.0	19.5
40°-50°	527.6	19.0
50°-60°	403.5	14.6
60°-70°	259.0	9.4
70°-80°	144.1	5.2
80°-90°	39.8	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°	856.3	30.9
0°-40°	1396.3	50.4
0°-60°	2327.4	84.0
0°-90°	2770.3	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2770.3	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1099	1099	1099	1099	1099	
5°	1095	1096	1093	1098	1099	104
15°	1059	1060	1058	1062	1063	299
25°	983	984	981	984	985	453
35°	866	866	865	864	863	541
45°	692	693	687	685	680	532
55°	474	458	436	441	455	424
65°	282	260	245	253	270	281
75°	135	136	138	136	132	144
85°	29	35	35	34	29	36
90°	0	0	0	0	0	

TEST NUMBER: P1046800

CATALOG NUMBER: 22PTR-35-PC3-L930-UNV-STD-W

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1098.8	1098.8	1098.8	1098.8	1098.8
2.5°	1098.1	1098.6	1095.7	1100.4	1102.0
5°	1095.0	1095.7	1093.0	1098.1	1099.3
7.5°	1090.3	1091.0	1088.3	1093.4	1093.8
10°	1082.4	1082.8	1080.4	1085.6	1086.3
12.5°	1071.9	1073.0	1070.3	1075.0	1075.3
15°	1059.1	1060.0	1058.0	1061.6	1062.7
17.5°	1044.3	1044.7	1042.7	1046.6	1047.0
20°	1025.7	1025.7	1024.2	1028.6	1028.6
22.5°	1006.9	1005.7	1005.3	1006.9	1009.3
25°	982.6	983.7	981.0	984.2	984.9
27.5°	959.0	959.0	956.6	958.2	956.2
30°	931.9	930.3	928.8	929.1	927.2
32.5°	899.2	899.2	898.5	898.5	896.1
35°	865.5	866.2	864.7	864.2	863.1
37.5°	829.2	830.5	827.7	827.0	826.1
40°	788.0	788.0	786.8	785.3	783.3
42.5°	745.1	745.1	740.1	736.1	733.4
45°	691.7	693.3	686.6	685.0	679.6
47.5°	638.6	637.5	628.5	627.3	624.2
50°	582.1	575.3	562.5	565.9	568.8
52.5°	525.5	517.2	498.4	502.2	506.9
55°	474.0	457.5	435.5	441.0	455.1
57.5°	420.1	398.1	376.1	386.4	404.0
60°	372.6	347.9	323.9	334.9	355.3
62.5°	327.0	300.7	281.5	292.0	309.3
65°	281.5	259.8	244.9	253.0	270.0
67.5°	239.8	225.2	215.1	218.9	232.6
70°	202.1	192.9	187.5	188.6	196.5
72.5°	166.2	163.9	161.9	161.9	162.6
75°	135.2	136.4	137.5	135.7	132.5
77.5°	106.5	110.4	113.2	109.2	105.4
80°	78.3	84.5	88.1	83.7	77.8
82.5°	53.4	60.5	61.7	59.0	52.3
85°	29.4	34.6	35.0	33.8	29.4
87.5°	11.0	13.0	14.1	13.0	11.4
90°	0.0	0.0	0.0	0.0	0.0







— 0°-180° - - 45°-225° - - - 90°-270°





(END OF REPORT)