

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: P1046965

Luminaire Tested: 22PTR-35-PR1-L835-UNV-STD-W

Issue Date: 7/10/2025

Test Information

Test Method: LM-79-2019
Report Number: P1046965
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-L835-UNV-STD-W
Description: 3500 LUMEN 2X2 PERCEIVE PT TROFFER WITH 3500K, 80 CRI LEDS AND RIPPLE LENS

Light Source:
Ballast/Driver: -

Summary

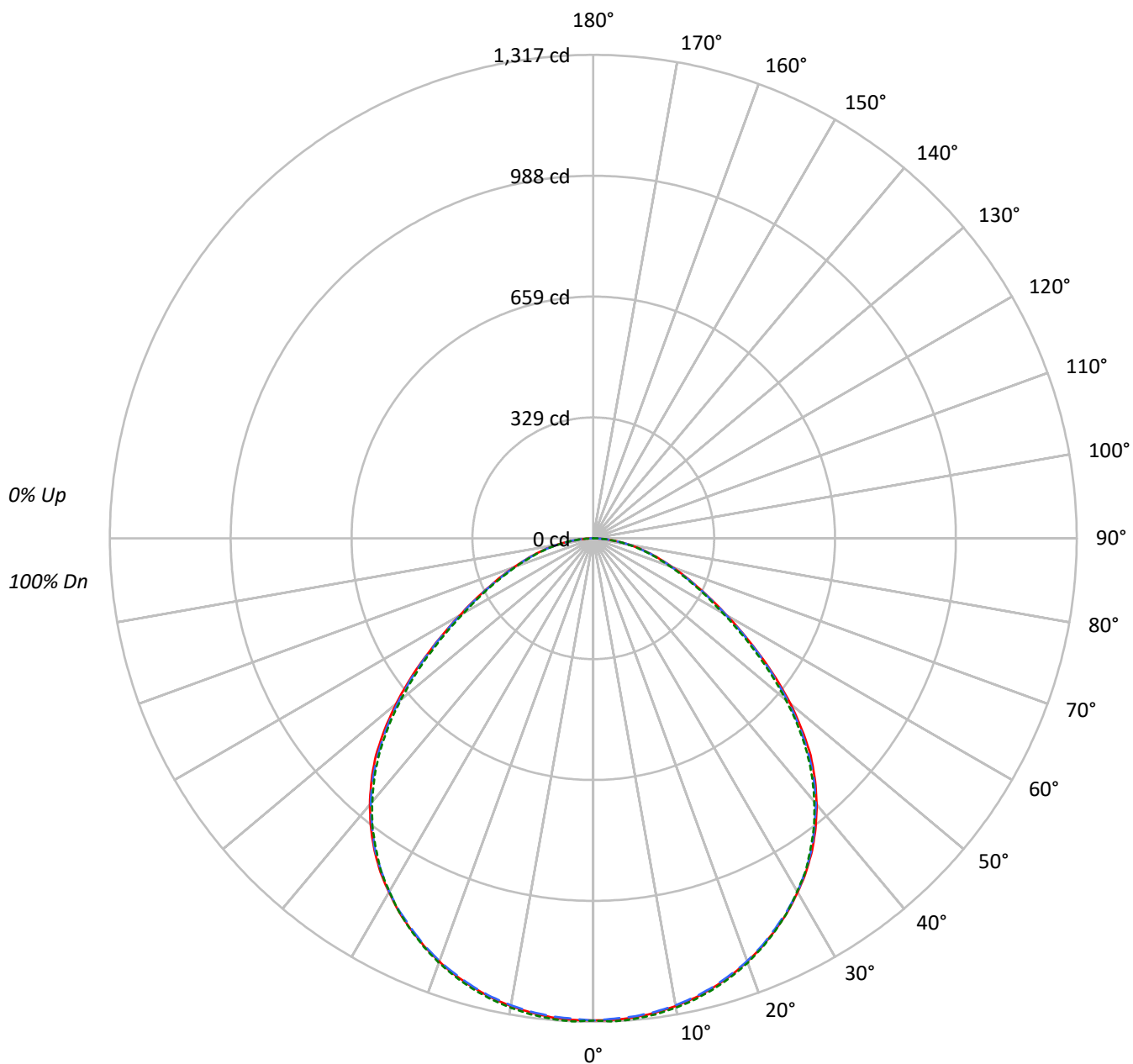
Lumens per Lamp: N/A
Luminaire Lumens: 3322.3 lumens
Efficiency: N/A
Efficacy: 127.8 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 1.26 / 1.34
Luminous Opening: (L: 2 ' x W: 0 ' x H: 2 '
CIE Type: Direct

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°	124.6	3.8
10°-20°	357.7	10.8
20°-30°	541.8	16.3
30°-40°	646.8	19.5
40°-50°	636.1	19.1
50°-60°	491.7	14.8
60°-70°	310.0	9.3
70°-80°	167.7	5.0
80°-90°	45.8	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°	1024.1	30.8
0°-40°	1671.0	50.3
0°-60°	2798.7	84.2
0°-90°	3322.3	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	3322.3	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1314	1314	1314	1314	1314	
5°	1310	1310	1307	1313	1314	125
15°	1267	1267	1265	1269	1271	357
25°	1176	1177	1173	1177	1177	542
35°	1039	1039	1036	1035	1032	649
45°	838	834	828	822	822	641
55°	553	558	551	542	540	496
65°	312	313	310	305	304	314
75°	161	159	157	158	154	171
85°	39	40	39	39	37	46
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1313.7	1313.7	1313.7	1313.7	1313.7
2.5°	1313.2	1313.7	1309.9	1316.1	1317.4
5°	1309.9	1310.4	1307.0	1312.6	1314.2
7.5°	1303.2	1304.3	1301.0	1306.7	1308.0
10°	1293.8	1294.8	1291.6	1297.2	1298.6
12.5°	1282.2	1282.5	1279.8	1284.9	1286.3
15°	1266.6	1267.0	1264.7	1268.8	1270.7
17.5°	1248.7	1249.2	1245.9	1251.1	1251.9
20°	1227.1	1227.4	1225.6	1229.8	1230.4
22.5°	1203.0	1204.0	1201.1	1204.9	1205.4
25°	1175.8	1176.6	1172.9	1176.6	1177.2
27.5°	1147.0	1147.4	1144.1	1147.0	1146.5
30°	1113.5	1116.4	1112.1	1111.1	1110.8
32.5°	1078.8	1079.1	1075.0	1074.0	1075.9
35°	1038.8	1039.1	1036.4	1035.0	1032.1
37.5°	995.0	995.0	989.7	988.8	988.3
40°	946.9	946.4	943.1	939.9	936.5
42.5°	894.5	895.6	888.9	883.2	882.4
45°	837.6	834.3	828.2	821.7	822.2
47.5°	770.3	771.2	762.8	757.5	756.1
50°	700.5	700.5	692.7	687.0	684.1
52.5°	627.7	628.2	620.7	613.1	611.6
55°	553.2	557.9	550.9	542.0	540.1
57.5°	483.6	487.4	480.7	471.3	470.8
60°	419.1	419.5	417.6	408.7	406.3
62.5°	364.0	361.6	360.6	356.0	353.1
65°	312.2	312.7	310.3	305.0	304.2
67.5°	270.3	269.8	265.5	262.3	260.4
70°	229.2	227.9	226.0	223.2	221.4
72.5°	192.6	192.6	191.1	190.2	187.0
75°	160.6	158.8	156.9	157.7	154.0
77.5°	130.0	128.1	126.6	124.7	123.9
80°	98.4	96.5	97.0	94.1	93.7
82.5°	68.3	68.3	67.4	65.0	65.5
85°	39.0	39.5	38.7	39.0	37.1
87.5°	14.2	14.5	15.6	14.5	14.5
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)