

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: P1046935

Luminaire Tested: 22PTR-25-PR1-L835-UNV-STD-W

Issue Date: 7/10/2025

Test Information

Test Method: LM-79-2019
Report Number: P1046935
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-25-PR1-L835-UNV-STD-W
Description: 2500 LUMEN 2X2 PERCEIVE PT TROFFER WITH 3500K, 80 CRI LEDS AND RIPPLE LENS

Light Source:
Ballast/Driver: -

Summary

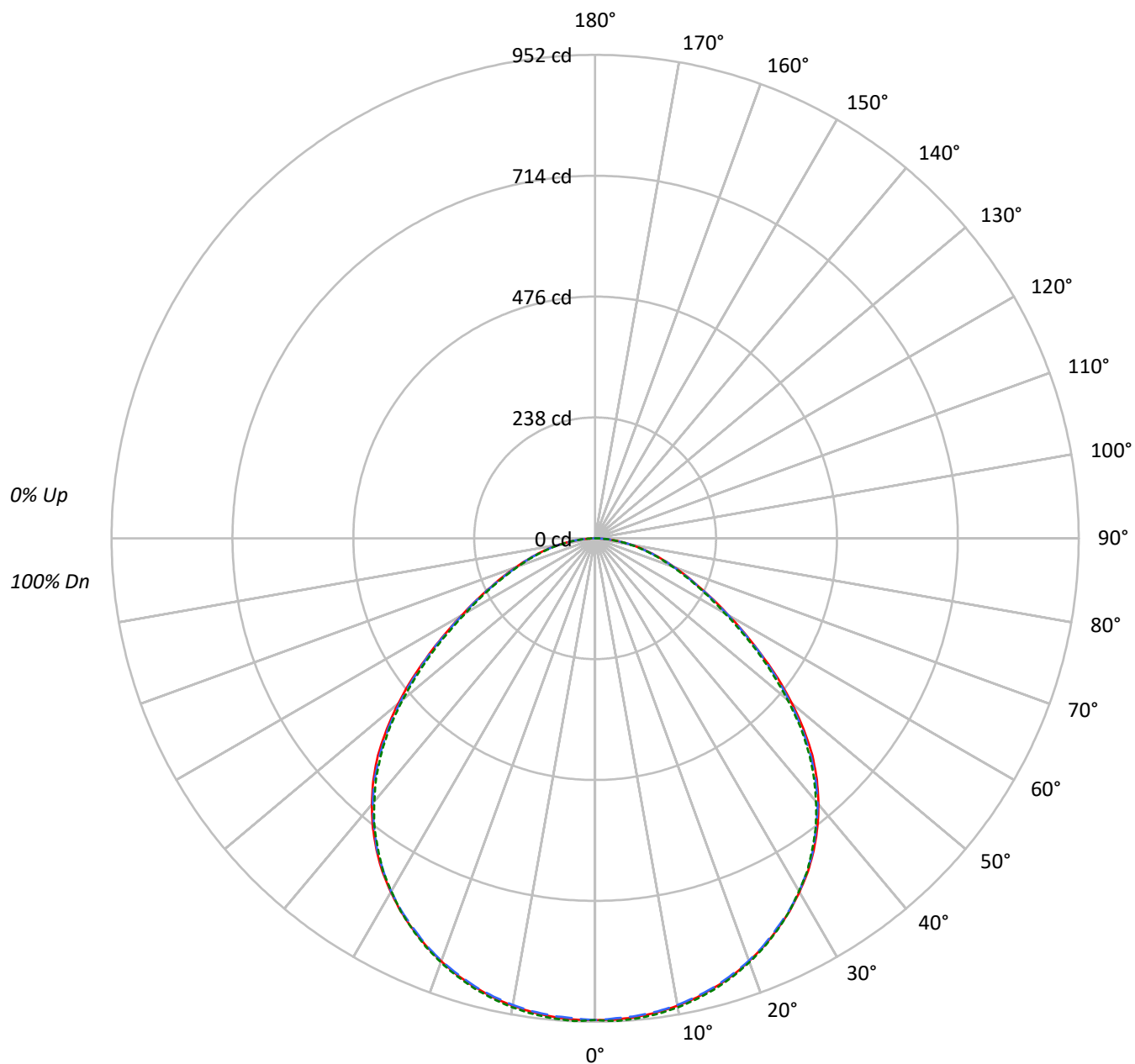
Lumens per Lamp: N/A
Luminaire Lumens: 2399.8 lumens
Efficiency: N/A
Efficacy: 126.3 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 1.26 / 1.34
Luminous Opening: (L: 2 ' x W: 0 ' x H: 2 '
CIE Type: Direct

Input Watts (W): 19
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
RCR																				
0	119	119	119	119	116	116	116	116		111	111	111			106	106	106			102
1	110	105	101	98	107	103	99	96		99	96	93			95	92	90			91
2	100	93	86	81	98	91	85	80		87	82	78			84	80	76			81
3	92	82	74	68	90	80	73	68		78	71	66			75	70	65			72
4	85	73	65	58	82	72	64	58		69	63	57			67	61	56			65
5	78	66	57	51	76	65	56	50		62	55	50			61	54	49			59
6	72	59	51	45	70	58	50	44		57	49	44			55	49	44			53
7	67	54	45	40	65	53	45	39		52	44	39			50	44	39			49
8	62	49	41	35	61	49	41	35		47	40	35			46	40	35			45
9	58	45	37	32	57	45	37	32		44	37	32			43	36	32			42
10	55	42	34	29	54	41	34	29		40	34	29			39	33	29			39

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°	90.0	3.8
10°-20°	258.4	10.8
20°-30°	391.4	16.3
30°-40°	467.2	19.5
40°-50°	459.5	19.1
50°-60°	355.1	14.8
60°-70°	223.9	9.3
70°-80°	121.1	5.0
80°-90°	33.1	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°	739.7	30.8
0°-40°	1207.0	50.3
0°-60°	2021.6	84.2
0°-90°	2399.8	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2399.8	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	949	949	949	949	949	
5°	946	947	944	948	949	90
15°	915	915	914	916	918	258
25°	849	850	847	850	850	391
35°	750	751	749	748	746	468
45°	605	603	598	594	594	463
55°	400	403	398	392	390	359
65°	226	226	224	220	220	227
75°	116	115	113	114	111	123
85°	28	28	28	28	27	34
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	948.9	948.9	948.9	948.9	948.9
2.5°	948.5	948.9	946.2	950.6	951.6
5°	946.2	946.6	944.1	948.2	949.3
7.5°	941.4	942.1	939.8	943.8	944.8
10°	934.6	935.3	933.0	937.0	938.0
12.5°	926.2	926.4	924.4	928.1	929.1
15°	914.9	915.2	913.6	916.5	917.9
17.5°	902.0	902.3	900.0	903.7	904.3
20°	886.4	886.6	885.3	888.4	888.7
22.5°	869.0	869.7	867.6	870.3	870.7
25°	849.3	849.9	847.2	849.9	850.3
27.5°	828.5	828.8	826.4	828.5	828.2
30°	804.3	806.4	803.3	802.6	802.4
32.5°	779.2	779.5	776.5	775.8	777.1
35°	750.3	750.6	748.6	747.6	745.5
37.5°	718.7	718.7	714.9	714.2	713.9
40°	684.0	683.6	681.3	678.9	676.4
42.5°	646.2	646.9	642.1	638.0	637.4
45°	605.0	602.7	598.2	593.5	593.9
47.5°	556.4	557.1	551.0	547.2	546.2
50°	506.0	506.0	500.3	496.3	494.2
52.5°	453.4	453.8	448.3	442.9	441.8
55°	399.6	403.0	397.9	391.5	390.1
57.5°	349.3	352.1	347.2	340.4	340.1
60°	302.8	303.0	301.6	295.2	293.5
62.5°	263.0	261.2	260.5	257.2	255.1
65°	225.5	225.9	224.2	220.3	219.7
67.5°	195.2	194.9	191.8	189.4	188.1
70°	165.6	164.6	163.2	161.3	159.9
72.5°	139.1	139.1	138.0	137.4	135.1
75°	116.0	114.7	113.3	113.9	111.2
77.5°	93.9	92.6	91.4	90.1	89.5
80°	71.1	69.7	70.1	68.0	67.7
82.5°	49.3	49.3	48.7	47.0	47.3
85°	28.2	28.5	27.9	28.2	26.8
87.5°	10.3	10.5	11.2	10.5	10.5
90°	0.0	0.0	0.0	0.0	0.0





— 0°-180° - - 45°-225° - - - 90°-270°





(END OF REPORT)