

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: P1471706

Luminaire Tested: 22PTR-25S-PP3-L835-UNV-STD-W

Issue Date: 6/22/2026

Test Information

Test Method: LM-79-2019
Report Number: P1471706
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P737727)
Test Lab: INNOVATION CENTER
Issue Date: 6/22/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: 22PTR-25S-PP3-L835-UNV-STD-W
Description: 2500 LUMEN 2X2 PERCEIVE PT TROFFER WITH 3500K, 80 CRI LEDS AND PP3 Lens White Reces:
Frame
Light Source: -
Ballast/Driver: -

Summary

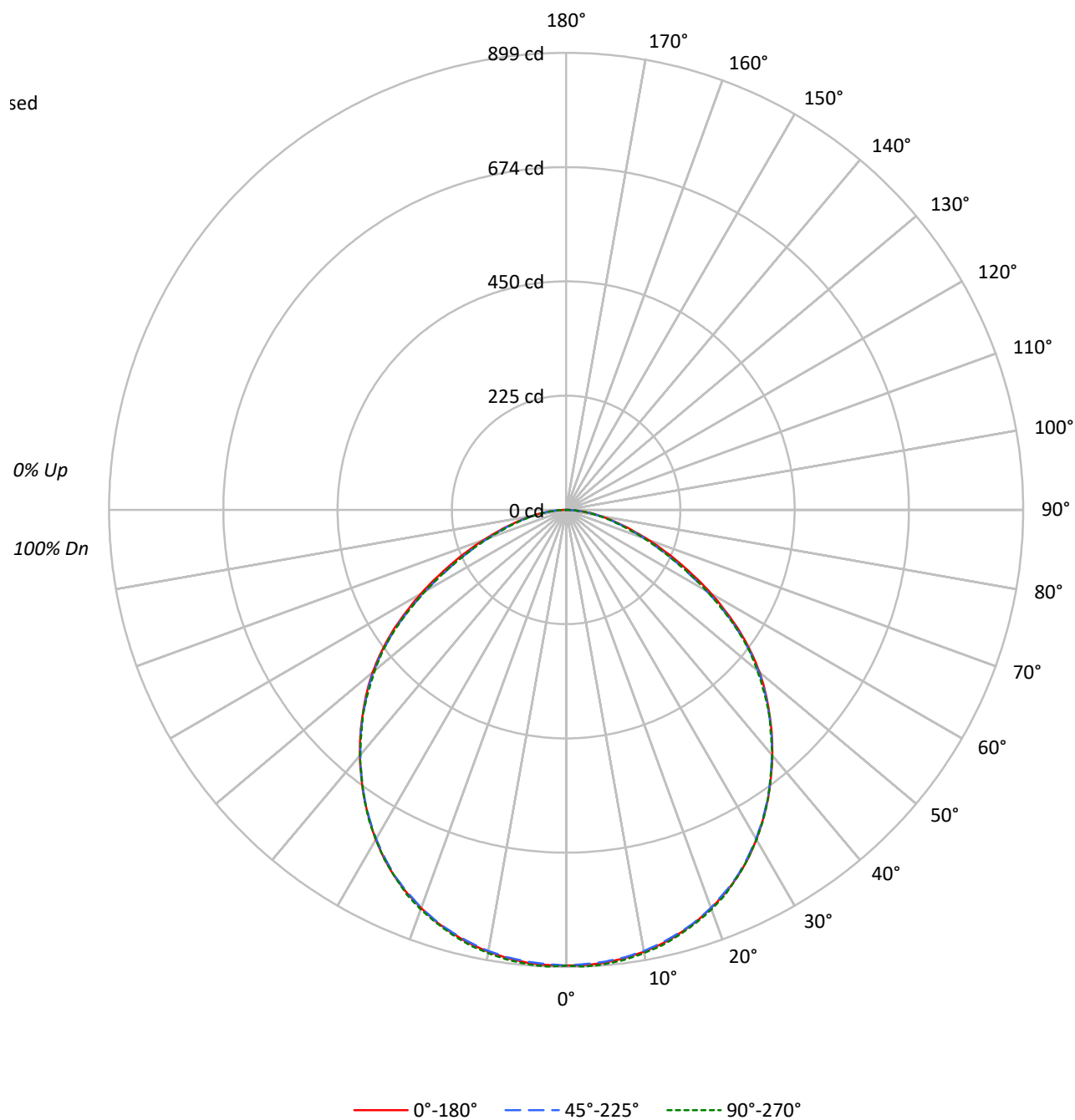
Lumens per Lamp: N/A
Luminaire Lumens: 2315.9 lumens
Efficiency: N/A
Efficacy: 122.5 lumens/watt
Spacing Criteria (0/90/45): 1.24 / 1.24 / 1.34
Luminous Opening: Rectangular (W 2' x L: 2' x H: 0')
CIE Type: Direct

Input Watts (W): 18.9
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
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					0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	0
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	102	100
1	109	105	101	97	107	103	99	96	99	96	93	95	92	90	91	89	87	87	87	85
2	100	92	86	80	97	90	84	79	87	82	78	84	79	76	81	77	74	74	74	72
3	92	81	74	67	89	80	73	67	77	71	66	74	69	65	72	67	63	63	63	61
4	84	73	64	58	82	71	63	57	69	62	56	66	60	56	64	59	55	55	55	53
5	77	65	56	50	75	64	56	50	62	55	49	60	54	49	58	52	48	48	48	46
6	72	59	50	44	70	58	50	44	56	49	43	54	48	43	53	47	42	42	42	40
7	66	53	45	39	65	52	44	39	51	44	38	50	43	38	48	42	38	38	38	36
8	62	49	40	35	60	48	40	35	47	39	34	45	39	34	44	38	34	34	34	32
9	58	45	37	31	57	44	36	31	43	36	31	42	35	31	41	35	31	31	31	29
10	54	41	34	28	53	41	33	28	40	33	28	39	33	28	38	32	28	28	28	26

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	2412	2412	2412
5°	2414	2409	2422
10°	2411	2407	2419
15°	2403	2398	2409
20°	2387	2385	2395
25°	2366	2362	2365
30°	2326	2321	2326
35°	2275	2272	2274
40°	2217	2210	2216
45°	2151	2144	2147
50°	2079	2069	2054
55°	1957	1934	1928
60°	1776	1716	1719
65°	1559	1482	1479
70°	1349	1287	1272
75°	1167	1124	1099
80°	1034	1018	973
85°	855	883	834

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 22.5°

Vertical Angle: 45°

Luminance: 2158 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	85.0	3.7
10°-20°	243.5	10.5
20°-30°	366.6	15.8
30°-40°	432.7	18.7
40°-50°	435.2	18.8
50°-60°	367.4	15.9
60°-70°	236.0	10.2
70°-80°	117.4	5.1
80°-90°	32.2	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°	695.2	30.0
0°-40°	1127.9	48.7
0°-60°	1930.4	83.4
0°-90°	2315.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2315.9	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	896	896	896	896	896	
5°	894	894	892	896	897	85
15°	862	863	861	865	865	243
25°	797	797	796	797	796	367
35°	693	693	692	692	692	433
45°	565	567	563	564	564	436
55°	417	417	412	411	411	371
65°	245	241	233	230	232	244
75°	112	112	108	107	106	121
85°	28	29	29	27	27	33
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	896.3	896.3	896.3	896.3	896.3
2.5°	896.0	896.3	894.0	898.2	898.9
5°	893.7	894.0	891.7	896.0	896.6
7.5°	889.1	889.5	887.5	891.4	892.1
10°	882.3	883.3	881.0	884.6	885.2
12.5°	873.9	874.2	871.9	876.1	876.8
15°	862.5	862.8	860.9	864.8	864.8
17.5°	849.4	849.8	848.5	851.8	851.4
20°	833.6	834.5	832.8	835.1	836.4
22.5°	816.3	816.7	814.6	817.6	818.9
25°	796.8	797.0	795.5	797.0	796.4
27.5°	774.0	774.6	772.3	774.0	774.3
30°	748.6	750.2	747.0	748.3	748.6
32.5°	721.2	722.2	719.9	720.3	722.0
35°	692.6	693.0	691.7	692.3	692.3
37.5°	661.8	663.1	661.1	662.0	660.7
40°	631.2	629.9	629.2	629.9	630.8
42.5°	598.9	599.2	598.3	597.6	596.1
45°	565.1	567.1	563.4	564.1	564.1
47.5°	532.0	532.2	530.3	528.3	527.0
50°	496.5	496.5	494.2	492.6	490.6
52.5°	457.7	457.1	454.5	452.9	453.8
55°	417.1	416.7	412.2	410.6	410.9
57.5°	372.5	373.2	366.4	364.7	364.7
60°	329.9	326.6	318.8	316.6	319.4
62.5°	285.3	281.4	273.0	273.0	275.2
65°	244.9	241.4	232.7	230.3	232.3
67.5°	207.2	203.9	195.9	194.6	195.2
70°	171.4	168.6	163.6	160.7	161.7
72.5°	140.6	138.0	134.7	132.4	131.1
75°	112.2	111.6	108.1	107.0	105.7
77.5°	88.8	88.5	85.6	84.3	83.0
80°	66.7	66.3	65.7	63.7	62.8
82.5°	47.5	47.5	47.2	45.5	44.6
85°	27.7	28.6	28.6	27.0	27.0
87.5°	11.1	11.7	11.1	11.1	10.8
90°	0.0	0.0	0.0	0.0	0.0

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CIE UGR TABLE:

Reflectances:											
Ceiling		0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall		0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room Dimensions		Viewed crosswise					Viewed endwise				
X=2H	Y=2H	14.3	15.9	14.7	16.2	16.5	14.1	15.7	14.5	16.0	16.4
	3H	15.6	17.0	16.0	17.4	17.7	15.4	16.8	15.8	17.1	17.5
	4H	16.1	17.4	16.5	17.7	18.1	15.8	17.1	16.2	17.5	17.9
	6H	16.4	17.6	16.8	18.0	18.4	16.1	17.4	16.5	17.7	18.1
	8H	16.5	17.7	16.9	18.1	18.5	16.2	17.4	16.6	17.8	18.2
	12H	16.6	17.7	17.0	18.1	18.5	16.3	17.4	16.7	17.8	18.2
4H	2H	14.7	16.1	15.1	16.4	16.8	14.6	15.9	15.0	16.3	16.7
	3H	16.2	17.3	16.6	17.7	18.1	16.0	17.1	16.4	17.5	17.9
	4H	16.8	17.8	17.2	18.2	18.7	16.6	17.6	17.0	18.0	18.4
	6H	17.3	18.1	17.7	18.6	19.0	17.0	17.9	17.5	18.3	18.8
	8H	17.4	18.2	17.9	18.7	19.1	17.2	18.0	17.6	18.4	18.9
	12H	17.5	18.2	18.0	18.7	19.2	17.3	18.0	17.7	18.5	18.9
8H	4H	17.0	17.8	17.5	18.3	18.7	16.8	17.6	17.3	18.1	18.5
	6H	17.6	18.2	18.1	18.7	19.2	17.3	18.0	17.8	18.5	19.0
	8H	17.8	18.4	18.3	18.9	19.4	17.5	18.1	18.1	18.7	19.1
	12H	17.9	18.5	18.5	19.0	19.5	17.7	18.2	18.2	18.7	19.3
12H	4H	17.0	17.7	17.5	18.2	18.7	16.8	17.5	17.3	18.0	18.5
	6H	17.6	18.2	18.1	18.7	19.2	17.4	18.0	17.9	18.5	19.0
	8H	17.9	18.4	18.4	18.9	19.5	17.6	18.2	18.1	18.7	19.2

(END OF REPORT)