

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: P1471654

Luminaire Tested: 14PTR-30S-PL1-L835-UNV-STD-W

Issue Date: 6/22/2026

Test Information

Test Method: LM-79-2019
Report Number: P1471654
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P737719)
Test Lab: INNOVATION CENTER
Issue Date: 6/22/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: 14PTR-30S-PL1-L835-UNV-STD-W
Description: 3000 LUMEN 1X4 PERCEIVE PT TROFFER WITH 3500K, 80 CRI LEDS AND PL1 Lens White Recess Frame
Light Source: -
Ballast/Driver: -

Summary

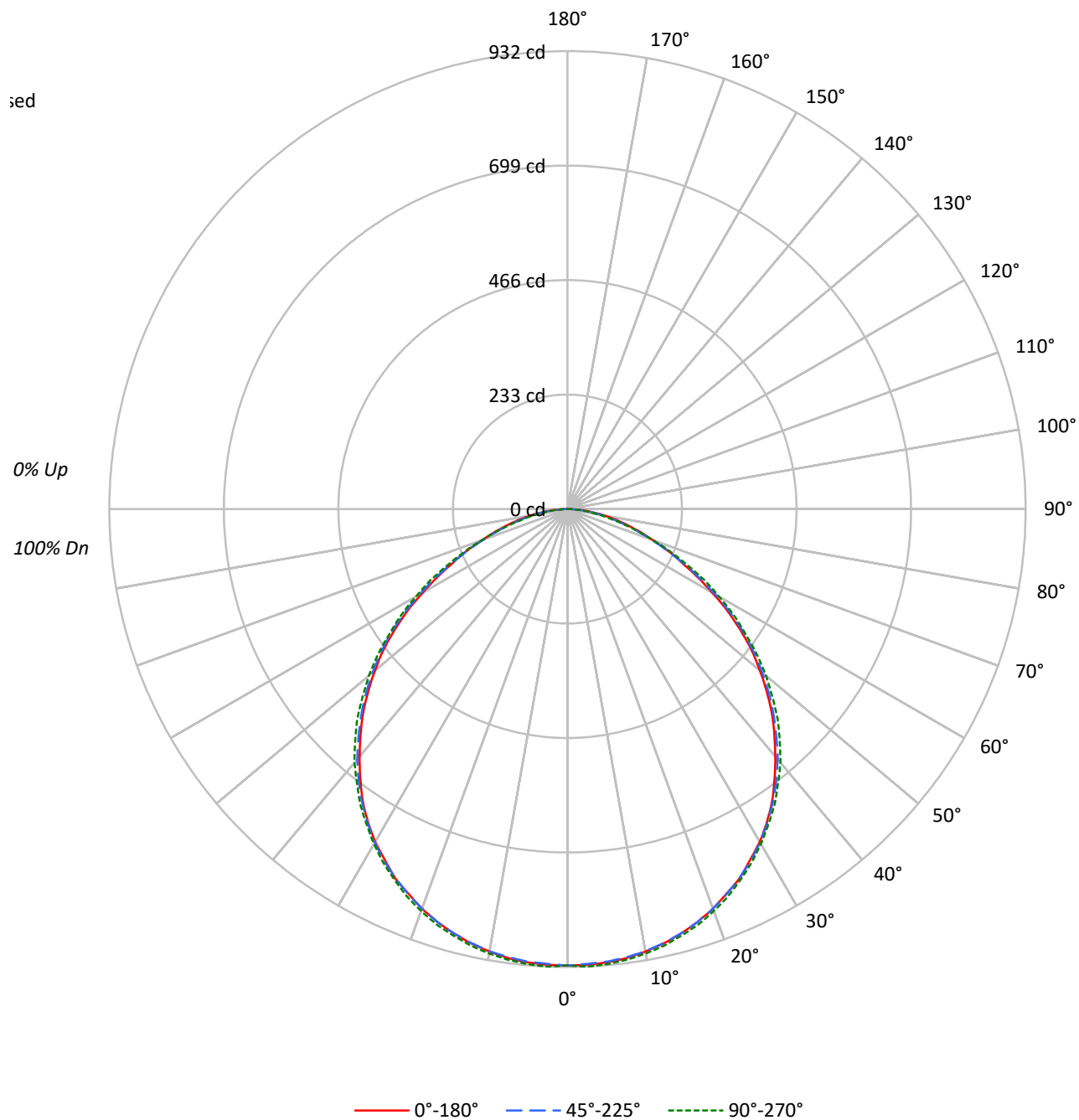
Lumens per Lamp: N/A
Luminaire Lumens: 2448.9 lumens
Efficiency: N/A
Efficacy: 102.5 lumens/watt
Spacing Criteria (0/90/45): 1.25 / 1.26 / 1.35
Luminous Opening: Rectangular (W 1' x L: 4' x H: 0')
CIE Type: Direct

Input Watts (W): 23.9
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
RCR																				
0	119	119	119	119	116	116	116	116		111	111	111		106	106	106		102	102	102
1	109	105	101	97	107	103	99	96		98	95	93		94	92	90		91	89	87
2	100	92	86	80	97	90	84	79		87	82	77		83	79	75		80	77	74
3	91	81	73	67	89	80	72	66		77	70	65		74	69	64		71	67	63
4	84	72	64	57	82	71	63	57		68	61	56		66	60	55		64	59	55
5	77	65	56	49	75	64	55	49		61	54	49		60	53	48		58	52	48
6	71	58	50	43	69	57	49	43		56	48	43		54	47	42		52	47	42
7	66	53	44	38	65	52	44	38		51	43	38		49	43	38		48	42	37
8	62	48	40	34	60	48	40	34		46	39	34		45	39	34		44	38	34
9	58	44	36	31	56	44	36	31		43	36	31		42	35	30		41	35	30
10	54	41	33	28	53	41	33	28		40	33	28		39	32	28		38	32	28

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	2500	2500	2500
5°	2502	2497	2511
10°	2499	2496	2510
15°	2491	2490	2503
20°	2479	2479	2493
25°	2462	2459	2472
30°	2431	2435	2446
35°	2385	2394	2413
40°	2311	2337	2367
45°	2238	2257	2300
50°	2140	2163	2206
55°	2016	2048	2072
60°	1828	1868	1914
65°	1624	1642	1708
70°	1452	1422	1457
75°	1309	1234	1209
80°	1190	1105	981
85°	1007	914	787

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°

Vertical Angle: 45°

Luminance: 2300 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	88.1	3.6
10°-20°	252.8	10.3
20°-30°	382.3	15.6
30°-40°	455.7	18.6
40°-50°	458.2	18.7
50°-60°	388.9	15.9
60°-70°	258.9	10.6
70°-80°	129.3	5.3
80°-90°	34.6	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°	723.2	29.5
0°-40°	1178.9	48.1
0°-60°	2026.1	82.7
0°-90°	2448.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2448.9	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	929	929	929	929	929	
5°	926	926	924	929	930	88
15°	894	895	894	898	898	252
25°	829	829	828	832	833	381
35°	726	727	729	734	734	453
45°	588	589	593	601	604	453
55°	430	433	436	441	442	383
65°	255	257	258	262	268	256
75°	126	124	119	116	116	135
85°	33	32	30	28	26	38
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	929.0	929.0	929.0	929.0	929.0
2.5°	928.3	929.0	926.5	931.0	932.2
5°	926.3	926.5	924.5	928.7	929.7
7.5°	921.8	922.2	920.0	924.5	925.2
10°	914.5	915.3	913.5	917.7	918.7
12.5°	905.3	906.3	904.5	909.0	909.8
15°	894.3	895.3	893.9	897.6	898.4
17.5°	880.8	881.5	880.8	884.3	886.3
20°	865.6	865.6	865.6	868.8	870.5
22.5°	846.7	848.5	847.7	851.9	853.6
25°	829.2	829.2	828.1	832.0	832.6
27.5°	804.7	807.5	807.2	810.6	811.3
30°	782.3	783.1	783.5	785.8	787.2
32.5°	755.2	755.8	756.9	760.3	760.7
35°	725.9	726.7	728.7	733.8	734.5
37.5°	691.9	695.7	697.4	702.9	703.5
40°	657.8	660.1	665.4	671.1	673.9
42.5°	623.0	625.7	628.9	636.7	639.2
45°	588.2	589.2	593.1	601.0	604.5
47.5°	549.7	552.8	556.2	563.1	565.2
50°	511.2	514.5	516.7	522.8	526.9
52.5°	472.3	475.4	477.8	481.5	485.7
55°	429.6	432.6	436.5	440.6	441.6
57.5°	386.2	389.6	392.1	396.5	401.0
60°	339.7	343.6	347.0	351.1	355.6
62.5°	296.4	298.0	301.5	308.4	314.9
65°	255.0	257.1	257.8	261.7	268.2
67.5°	220.6	220.6	217.5	218.9	226.1
70°	184.5	183.1	180.7	179.4	185.2
72.5°	155.2	153.5	148.3	146.0	149.1
75°	125.9	124.2	118.7	115.9	116.3
77.5°	101.2	98.4	93.9	89.2	88.2
80°	76.8	75.7	71.3	66.8	63.3
82.5°	54.4	52.0	49.5	46.8	44.0
85°	32.6	32.0	29.6	27.9	25.5
87.5°	13.4	13.4	12.8	12.0	11.4
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	14.4	16.0	14.8	16.3	16.6	14.5	16.1	14.9	16.4	16.8
	3H	15.8	17.2	16.1	17.5	17.9	15.9	17.3	16.2	17.6	18.0
	4H	16.3	17.6	16.7	18.0	18.3	16.3	17.6	16.7	18.0	18.4
	6H	16.7	17.9	17.1	18.3	18.7	16.6	17.8	17.0	18.2	18.6
	8H	16.8	18.0	17.2	18.4	18.8	16.7	17.8	17.1	18.2	18.6
	12H	16.9	18.0	17.3	18.4	18.8	16.7	17.8	17.1	18.2	18.7
4H	2H	14.9	16.2	15.3	16.6	17.0	15.0	16.4	15.4	16.7	17.1
	3H	16.5	17.6	16.9	18.0	18.4	16.5	17.7	16.9	18.1	18.5
	4H	17.1	18.1	17.5	18.5	19.0	17.1	18.1	17.5	18.5	18.9
	6H	17.6	18.5	18.1	18.9	19.4	17.5	18.3	17.9	18.8	19.2
	8H	17.8	18.6	18.2	19.0	19.5	17.6	18.4	18.0	18.8	19.3
	12H	17.9	18.6	18.4	19.1	19.6	17.7	18.4	18.1	18.9	19.3
8H	4H	17.3	18.1	17.8	18.6	19.0	17.3	18.1	17.7	18.5	19.0
	6H	17.9	18.6	18.4	19.1	19.6	17.8	18.4	18.3	18.9	19.4
	8H	18.2	18.8	18.7	19.3	19.8	17.9	18.6	18.5	19.1	19.5
	12H	18.3	18.9	18.9	19.4	19.9	18.1	18.6	18.6	19.1	19.7
12H	4H	17.3	18.1	17.8	18.5	19.0	17.3	18.0	17.8	18.5	19.0
	6H	18.0	18.6	18.5	19.0	19.6	17.8	18.4	18.3	18.9	19.4
	8H	18.2	18.8	18.7	19.3	19.8	18.0	18.6	18.5	19.1	19.6

(END OF REPORT)