

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: P1471648

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

Issue Date: 6/22/2026

Test Information

Test Method: LM-79-2019
Report Number: P1471648
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2310-200-1)
Test Lab: INNOVATION CENTER
Issue Date: 6/22/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: 14PTR-30S-L835-UNV-STD-W
Description: 3000 LUMEN 1X4 PERCEIVE PT TROFFER WITH 3500K, 80 CRI LEDS AND Frosted Lens White Recessed Frame
Light Source: -
Ballast/Driver: -

Summary

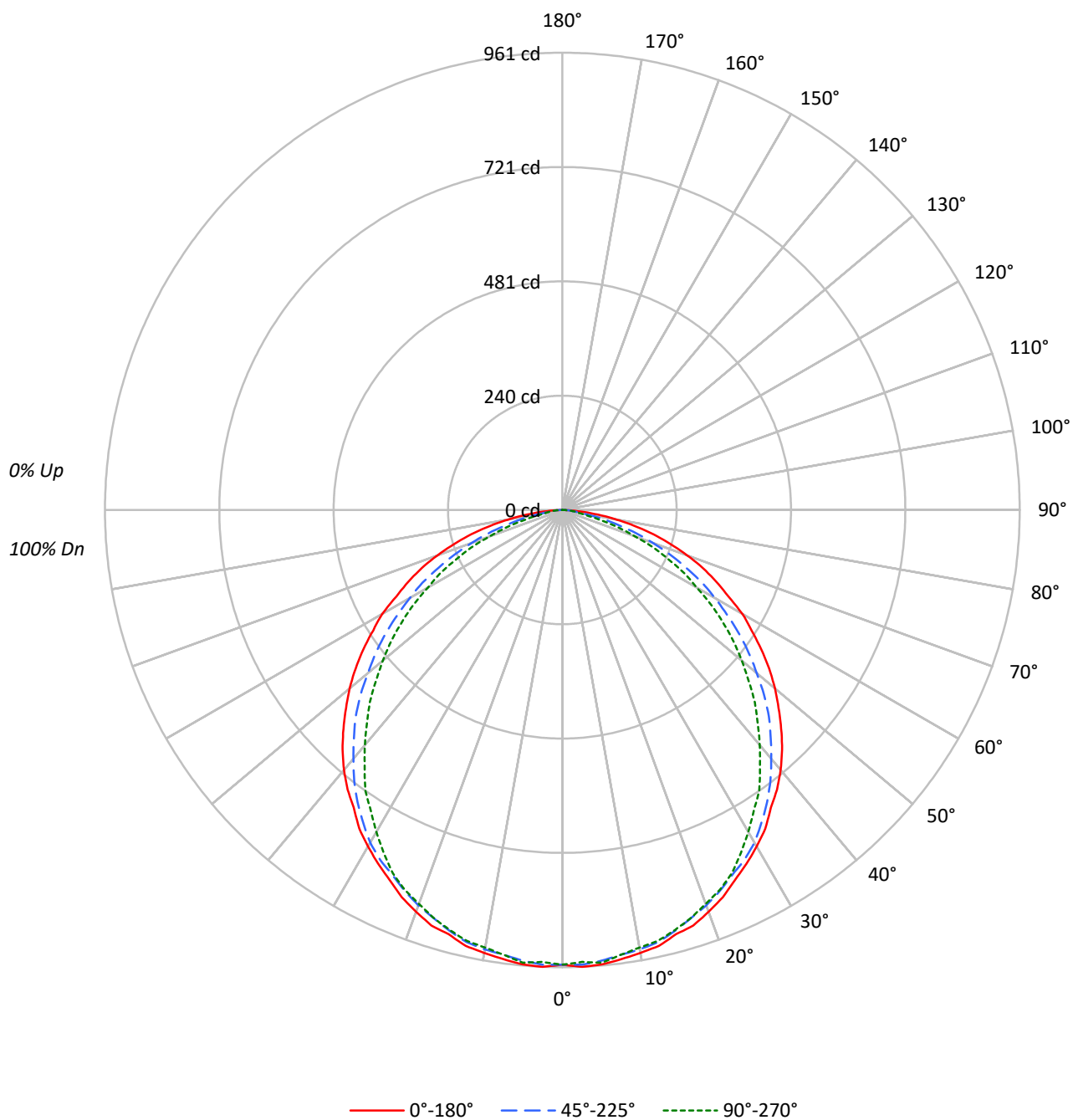
Lumens per Lamp: N/A
Luminaire Lumens: 2545.0 lumens
Efficiency: N/A
Efficacy: 106.5 lumens/watt
Spacing Criteria (0/90/45): 1.27 / 1.21 / 1.35
Luminous Opening: Rectangular (W 1' x L: 4' x H: 0')
CIE Type: Direct

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			0
RCR																				
0	119	119	119	119	116	116	116	116		111	111	111			106	106	106			102
1	109	105	101	97	107	103	99	96		98	95	93			95	92	90			91
2	100	92	85	80	97	90	84	79		87	81	77			83	79	75			80
3	91	81	73	67	89	79	72	66		76	70	65			74	68	64			71
4	84	72	63	57	81	71	63	56		68	61	56			66	60	55			64
5	77	64	56	49	75	63	55	49		61	54	48			59	53	48			57
6	71	58	49	43	69	57	49	43		55	48	42			54	47	42			52
7	66	53	44	38	64	52	44	38		50	43	38			49	42	37			48
8	61	48	40	34	60	47	39	34		46	39	34			45	38	33			44
9	57	44	36	31	56	44	36	30		42	35	30			41	35	30			40
10	54	41	33	28	53	40	33	28		39	32	28			38	32	27			37

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	2571	2571	2571
5°	2590	2569	2579
10°	2583	2563	2552
15°	2571	2551	2546
20°	2573	2532	2523
25°	2548	2511	2502
30°	2537	2509	2428
35°	2509	2464	2369
40°	2507	2399	2267
45°	2475	2337	2176
50°	2442	2232	2058
55°	2395	2128	1933
60°	2352	1991	1755
65°	2272	1826	1569
70°	2198	1589	1281
75°	2065	1254	882
80°	1790	758	528
85°	1195	543	509

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 2475 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	90.6	3.6
10°-20°	259.2	10.2
20°-30°	391.5	15.4
30°-40°	465.5	18.3
40°-50°	472.1	18.5
50°-60°	409.9	16.1
60°-70°	291.0	11.4
70°-80°	139.1	5.5
80°-90°	26.3	1.0
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°	741.2	29.1
0°-40°	1206.7	47.4
0°-60°	2088.6	82.1
0°-90°	2545.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2545.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	956	956	956	956	956	
5°	959	956	951	953	955	91
15°	923	925	916	914	914	261
25°	858	857	846	849	843	396
35°	764	763	750	724	721	480
45°	650	645	614	582	572	502
55°	510	495	454	427	412	456
65°	357	330	287	256	246	353
75°	199	162	121	96	85	208
85°	39	20	18	17	16	49
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	955.5	955.5	955.5	955.5	955.5
2.5°	961.2	957.7	956.6	960.6	950.9
5°	958.9	955.5	950.9	953.2	954.9
7.5°	952.1	949.2	942.9	948.1	942.9
10°	945.2	942.4	937.8	939.5	933.8
12.5°	938.4	931.6	930.4	931.6	927.6
15°	923.0	925.3	915.6	914.5	913.9
17.5°	915.6	909.9	899.7	900.3	899.1
20°	898.6	891.7	884.3	883.2	880.9
22.5°	880.9	873.0	866.1	869.5	864.4
25°	858.2	857.0	845.6	849.1	842.8
27.5°	838.2	834.3	829.1	821.7	812.6
30°	816.6	812.6	807.5	788.2	781.3
32.5°	793.9	789.3	779.1	756.3	748.9
35°	763.7	762.6	750.0	724.4	721.0
37.5°	740.9	728.4	718.2	692.0	682.3
40°	713.6	706.8	682.9	657.8	645.3
42.5°	683.5	675.5	648.2	621.4	607.8
45°	650.4	644.8	614.0	581.6	571.9
47.5°	616.3	611.2	574.8	543.5	530.9
50°	583.3	577.0	533.2	503.1	491.7
52.5°	547.4	537.2	494.0	464.4	453.5
55°	510.5	495.1	453.5	426.8	412.0
57.5°	471.2	457.0	410.9	383.0	371.0
60°	437.0	417.1	369.9	341.4	326.1
62.5°	393.2	376.2	331.2	297.6	290.2
65°	356.8	330.1	286.8	256.1	246.4
67.5°	319.8	288.5	244.7	213.4	208.3
70°	279.4	247.0	202.0	171.3	162.8
72.5°	238.4	206.6	162.8	130.3	125.2
75°	198.6	162.2	120.6	95.6	84.8
77.5°	155.4	122.3	84.8	58.6	51.8
80°	115.5	82.5	48.9	34.7	34.1
82.5°	75.7	47.8	26.2	26.7	25.6
85°	38.7	20.5	17.6	17.1	16.5
87.5°	7.4	8.0	8.5	8.5	8.5
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	15.4	17.0	15.8	17.3	17.7	14.1	15.7	14.5	16.0	16.3
	3H	17.3	18.7	17.6	19.0	19.4	15.4	16.8	15.8	17.1	17.5
	4H	17.9	19.3	18.3	19.6	20.0	15.7	17.0	16.1	17.4	17.7
	6H	18.4	19.7	18.8	20.0	20.4	15.7	17.0	16.2	17.4	17.8
	8H	18.6	19.8	19.0	20.1	20.5	15.8	16.9	16.2	17.3	17.7
	12H	18.6	19.8	19.1	20.2	20.6	15.8	16.9	16.2	17.3	17.7
4H	2H	15.8	17.2	16.2	17.5	17.9	14.8	16.1	15.2	16.5	16.8
	3H	17.9	19.0	18.3	19.4	19.8	16.2	17.3	16.6	17.7	18.1
	4H	18.7	19.7	19.1	20.1	20.5	16.6	17.6	17.0	18.0	18.4
	6H	19.2	20.1	19.7	20.6	21.0	16.7	17.6	17.1	18.0	18.5
	8H	19.4	20.2	19.9	20.7	21.1	16.7	17.5	17.2	18.0	18.4
	12H	19.5	20.2	20.0	20.7	21.2	16.7	17.5	17.2	17.9	18.4
8H	4H	18.8	19.6	19.2	20.0	20.5	16.8	17.7	17.3	18.1	18.6
	6H	19.4	20.1	19.9	20.6	21.0	17.0	17.7	17.5	18.2	18.6
	8H	19.6	20.2	20.1	20.7	21.2	17.0	17.6	17.5	18.1	18.6
	12H	19.7	20.3	20.2	20.8	21.3	17.1	17.6	17.6	18.1	18.7
12H	4H	18.7	19.5	19.2	20.0	20.4	16.9	17.6	17.3	18.1	18.5
	6H	19.4	20.0	19.9	20.5	21.0	17.0	17.6	17.5	18.1	18.6
	8H	19.6	20.1	20.1	20.6	21.2	17.1	17.6	17.6	18.1	18.7

(END OF REPORT)