

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: P1471660

Luminaire Tested: 14PTR-30S-PR1-L835-UNV-STD-W

Issue Date: 6/22/2026

Test Information

Test Method: LM-79-2019
Report Number: P1471660
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P737735)
Test Lab: INNOVATION CENTER
Issue Date: 6/22/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: 14PTR-30S-PR1-L835-UNV-STD-W
Description: 3000 LUMEN 1X4 PERCEIVE PT TROFFER WITH 3500K, 80 CRI LEDS AND PR1 Lens White Reces:
Frame
Light Source: -
Ballast/Driver: -

Summary

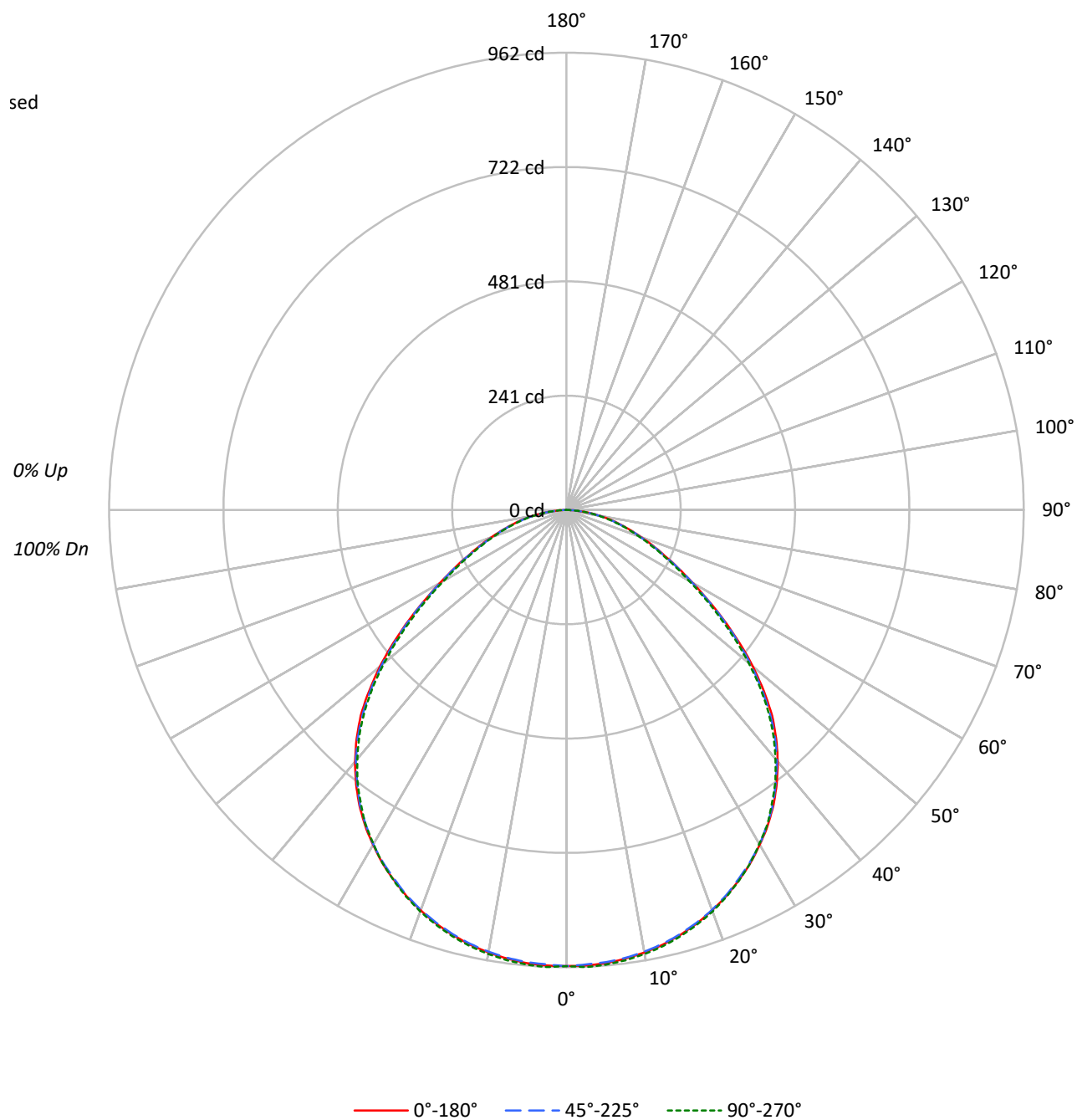
Lumens per Lamp: N/A
Luminaire Lumens: 2427.2 lumens
Efficiency: N/A
Efficacy: 101.6 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 1.26 / 1.34
Luminous Opening: Rectangular (W 1' x L: 4' x H: 0')
CIE Type: Direct

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	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	110	105	101	98	107	103	99	96	99	96	93	95	92	90	91	89	88	88	88	85
2	100	93	86	81	98	91	85	80	87	82	78	84	80	76	81	78	75	75	75	73
3	92	82	74	68	90	80	73	68	78	71	66	75	70	65	72	68	64	64	64	62
4	85	73	65	58	82	72	64	58	69	63	57	67	61	56	65	60	56	56	56	54
5	78	66	57	51	76	65	56	50	62	55	50	61	54	49	59	53	49	49	49	47
6	72	59	51	45	70	58	50	44	57	49	44	55	49	44	53	48	43	43	43	41
7	67	54	45	40	65	53	45	39	52	44	39	50	44	39	49	43	39	39	39	37
8	62	49	41	35	61	49	41	35	47	40	35	46	40	35	45	39	35	35	35	33
9	58	45	37	32	57	45	37	32	44	37	32	43	36	32	42	36	31	31	31	30
10	55	42	34	29	54	41	34	29	40	34	29	39	33	29	39	33	29	29	29	27

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	2583	2583	2583
5°	2585	2579	2593
10°	2583	2578	2592
15°	2578	2574	2586
20°	2567	2564	2574
25°	2551	2544	2553
30°	2528	2525	2522
35°	2493	2487	2477
40°	2430	2420	2403
45°	2329	2302	2286
50°	2143	2119	2092
55°	1896	1888	1851
60°	1648	1642	1597
65°	1452	1443	1415
70°	1318	1299	1272
75°	1221	1192	1170
80°	1114	1099	1062
85°	880	871	837

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 2329 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	91.0	3.8
10°-20°	261.3	10.8
20°-30°	395.9	16.3
30°-40°	472.6	19.5
40°-50°	464.7	19.1
50°-60°	359.2	14.8
60°-70°	226.5	9.3
70°-80°	122.5	5.0
80°-90°	33.5	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°	748.2	30.8
0°-40°	1220.8	50.3
0°-60°	2044.7	84.2
0°-90°	2427.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2427.2	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	960	960	960	960	960	
5°	957	957	955	959	960	91
15°	925	926	924	927	928	261
25°	859	860	857	860	860	396
35°	759	759	757	756	754	474
45°	612	610	605	600	601	469
55°	404	408	402	396	395	363
65°	228	228	227	223	222	230
75°	117	116	115	115	112	125
85°	28	29	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°	959.7	959.7	959.7	959.7	959.7
2.5°	959.4	959.7	957.0	961.5	962.5
5°	957.0	957.4	954.9	959.0	960.1
7.5°	952.1	952.9	950.5	954.6	955.6
10°	945.2	946.0	943.6	947.7	948.7
12.5°	936.7	937.0	935.0	938.7	939.7
15°	925.4	925.6	924.0	927.0	928.4
17.5°	912.3	912.6	910.3	914.0	914.6
20°	896.5	896.8	895.4	898.5	898.9
22.5°	878.9	879.6	877.5	880.3	880.6
25°	859.0	859.6	856.9	859.6	860.0
27.5°	838.0	838.3	835.9	838.0	837.6
30°	813.5	815.6	812.5	811.8	811.5
32.5°	788.1	788.4	785.4	784.6	786.0
35°	758.9	759.1	757.1	756.1	754.0
37.5°	726.9	726.9	723.0	722.4	722.0
40°	691.8	691.4	689.0	686.7	684.2
42.5°	653.5	654.3	649.4	645.3	644.7
45°	611.9	609.5	605.0	600.3	600.7
47.5°	562.8	563.4	557.3	553.4	552.4
50°	511.8	511.8	506.1	501.9	499.8
52.5°	458.6	458.9	453.4	447.9	446.8
55°	404.2	407.6	402.4	395.9	394.6
57.5°	353.3	356.1	351.2	344.3	344.0
60°	306.2	306.5	305.1	298.6	296.8
62.5°	266.0	264.2	263.5	260.1	258.0
65°	228.1	228.5	226.7	222.8	222.2
67.5°	197.5	197.1	194.0	191.6	190.2
70°	167.5	166.5	165.1	163.1	161.7
72.5°	140.7	140.7	139.6	139.0	136.6
75°	117.4	116.0	114.6	115.2	112.5
77.5°	95.0	93.6	92.5	91.1	90.5
80°	71.9	70.5	70.9	68.7	68.5
82.5°	49.9	49.9	49.2	47.5	47.9
85°	28.5	28.9	28.2	28.5	27.1
87.5°	10.4	10.6	11.4	10.6	10.6
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	13.8	15.4	14.2	15.7	16.0	13.6	15.2	14.0	15.5	15.8
	3H	15.2	16.6	15.5	16.9	17.3	14.9	16.4	15.3	16.7	17.0
	4H	15.7	17.0	16.1	17.4	17.7	15.5	16.8	15.9	17.1	17.5
	6H	16.1	17.3	16.5	17.7	18.1	15.9	17.1	16.3	17.5	17.9
	8H	16.2	17.4	16.7	17.8	18.2	16.0	17.2	16.4	17.6	18.0
	12H	16.3	17.4	16.7	17.8	18.2	16.1	17.2	16.5	17.6	18.0
4H	2H	14.3	15.6	14.7	15.9	16.3	14.1	15.4	14.5	15.8	16.1
	3H	15.8	16.9	16.3	17.3	17.7	15.7	16.8	16.1	17.2	17.6
	4H	16.5	17.5	16.9	17.9	18.3	16.3	17.3	16.8	17.7	18.2
	6H	17.0	17.9	17.5	18.3	18.8	16.9	17.7	17.3	18.2	18.6
	8H	17.2	18.0	17.7	18.5	18.9	17.0	17.8	17.5	18.3	18.7
	12H	17.3	18.1	17.8	18.5	19.0	17.1	17.9	17.6	18.3	18.8
8H	4H	16.7	17.5	17.2	18.0	18.5	16.6	17.4	17.0	17.8	18.3
	6H	17.4	18.1	17.9	18.5	19.0	17.2	17.9	17.7	18.4	18.9
	8H	17.6	18.2	18.2	18.7	19.2	17.5	18.1	18.0	18.6	19.1
	12H	17.8	18.4	18.3	18.8	19.4	17.6	18.2	18.1	18.7	19.2
12H	4H	16.8	17.5	17.2	18.0	18.4	16.6	17.3	17.1	17.8	18.3
	6H	17.4	18.0	18.0	18.5	19.0	17.3	17.9	17.8	18.3	18.9
	8H	17.7	18.3	18.2	18.8	19.3	17.6	18.1	18.1	18.6	19.1

(END OF REPORT)