

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: P1471656

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

Issue Date: 6/22/2026

Test Information

Test Method: LM-79-2019
Report Number: P1471656
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2409-224-3)
Test Lab: INNOVATION CENTER
Issue Date: 6/22/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: 14PTR-30S-PLG-L835-UNV-STD-W
Description: 3000 LUMEN 1X4 PERCEIVE PT TROFFER WITH 3500K, 80 CRI LEDS AND PLG Lens White Reces:
Frame
Light Source: -
Ballast/Driver: -

Summary

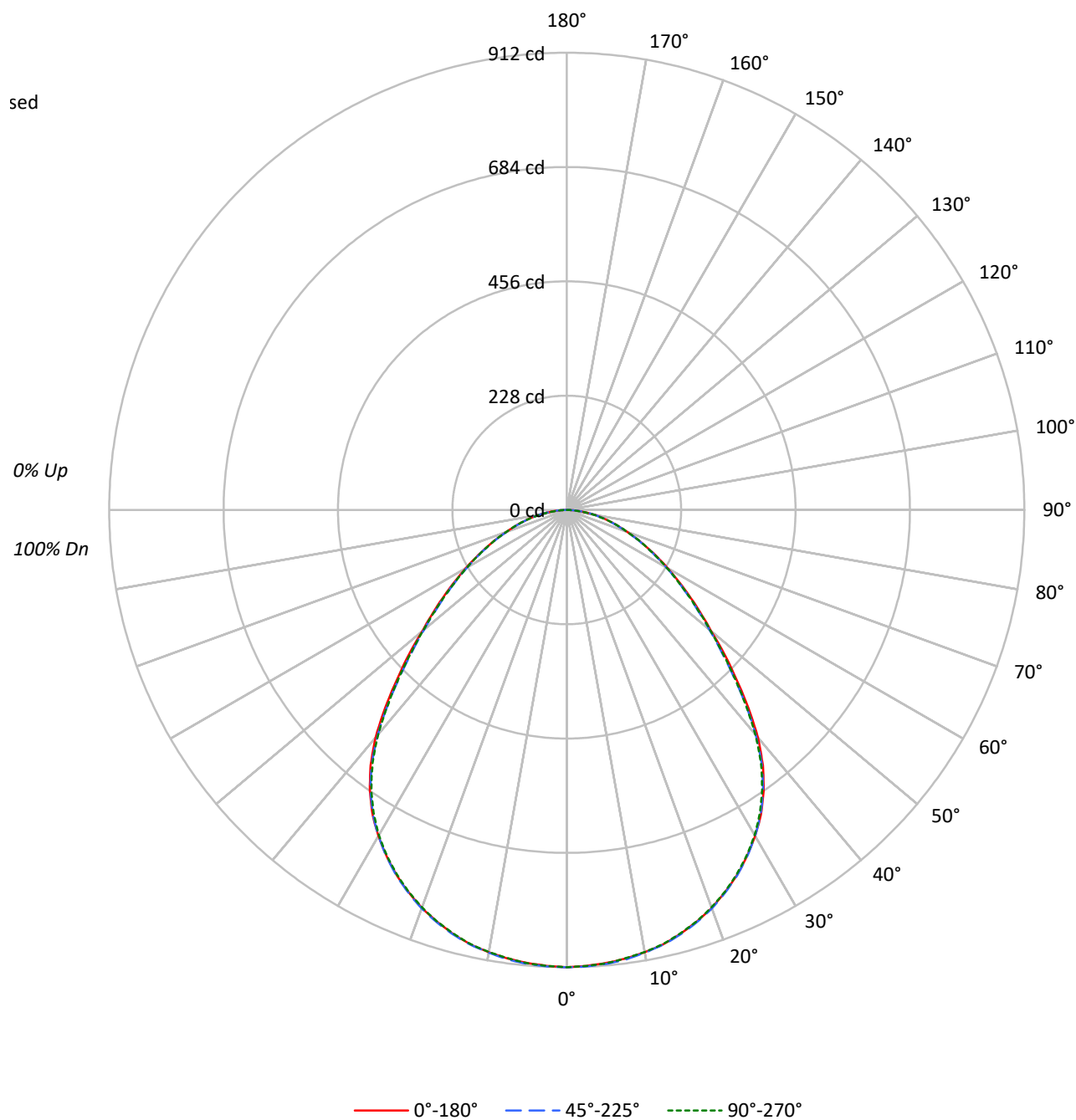
Lumens per Lamp: N/A
Luminaire Lumens: 2055.2 lumens
Efficiency: N/A
Efficacy: 86.0 lumens/watt
Spacing Criteria (0/90/45): 1.22 / 1.22 / 1.26
Luminous Opening: Rectangular (W 1' x L: 4' x H: 0')
CIE Type: Direct

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	110	106	102	98	107	103	100	97		99	96	94		95	93	91		92	90	88
2	101	94	87	82	99	92	86	81		88	84	79		85	81	78		82	79	76
3	93	83	76	70	91	82	75	69		79	73	68		76	71	67		74	69	66
4	86	75	67	60	84	73	66	60		71	64	59		69	63	58		67	62	58
5	79	67	59	53	77	66	58	53		64	57	52		62	56	51		61	55	51
6	74	61	53	47	72	60	52	47		58	51	46		57	51	46		55	50	45
7	69	56	48	42	67	55	47	42		54	46	41		52	46	41		51	45	41
8	64	51	43	38	62	51	43	38		49	42	37		48	42	37		47	41	37
9	60	47	39	34	59	47	39	34		46	39	34		44	38	34		43	38	34
10	56	44	36	31	55	43	36	31		42	36	31		41	35	31		40	35	31

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	2454	2454	2454
5°	2450	2455	2451
10°	2448	2450	2446
15°	2438	2442	2436
20°	2419	2423	2415
25°	2385	2387	2379
30°	2333	2333	2327
35°	2248	2241	2231
40°	2083	2060	2053
45°	1821	1791	1798
50°	1572	1553	1561
55°	1397	1376	1379
60°	1251	1233	1233
65°	1121	1113	1117
70°	1009	998	1009
75°	936	922	936
80°	872	863	832
85°	741	741	661

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 1821 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	86.3	4.2
10°-20°	247.1	12.0
20°-30°	369.7	18.0
30°-40°	423.6	20.6
40°-50°	366.3	17.8
50°-60°	265.1	12.9
60°-70°	174.7	8.5
70°-80°	95.1	4.6
80°-90°	27.3	1.3
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°	703.1	34.2
0°-40°	1126.7	54.8
0°-60°	1758.2	85.5
0°-90°	2055.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2055.2	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	912	912	912	912	912	
5°	907	909	909	909	908	86
15°	875	876	876	878	874	247
25°	803	803	804	805	801	369
35°	684	684	682	682	679	425
45°	478	477	471	470	472	370
55°	298	296	293	291	294	268
65°	176	177	175	174	175	176
75°	90	90	89	89	90	96
85°	24	24	24	25	21	28
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	912.1	912.1	912.1	912.1	912.1
2.5°	910.1	912.1	911.4	912.1	910.1
5°	906.9	908.8	908.8	908.8	907.5
7.5°	902.3	903.6	904.3	904.9	901.7
10°	895.9	897.2	896.5	897.8	895.2
12.5°	887.5	887.5	888.1	889.4	886.8
15°	875.2	875.8	876.5	877.7	874.5
17.5°	860.9	861.6	862.2	862.9	860.3
20°	844.7	844.7	846.0	846.7	843.4
22.5°	824.7	824.7	826.0	827.9	824.0
25°	803.3	803.3	804.0	804.6	801.4
27.5°	778.1	778.1	778.7	780.7	776.8
30°	750.9	750.2	750.9	751.5	748.9
32.5°	720.5	719.8	719.2	719.8	716.6
35°	684.2	683.6	682.3	681.6	679.0
37.5°	642.1	640.8	638.2	638.2	635.7
40°	592.9	589.7	586.5	585.2	584.5
42.5°	536.0	533.4	528.8	528.2	528.2
45°	478.4	477.1	470.6	469.9	472.5
47.5°	426.6	423.3	417.5	416.2	420.1
50°	375.4	376.1	370.9	369.0	372.8
52.5°	335.3	334.0	329.5	328.2	331.4
55°	297.8	296.5	293.2	291.3	293.9
57.5°	263.5	262.8	259.6	258.9	260.2
60°	232.4	231.7	229.1	228.5	229.1
62.5°	203.3	203.3	200.7	199.4	201.3
65°	176.1	177.4	174.8	173.5	175.4
67.5°	151.5	152.8	150.2	148.9	151.5
70°	128.2	129.5	126.9	125.6	128.2
72.5°	108.1	108.7	106.8	106.2	109.4
75°	90.0	90.0	88.7	88.7	90.0
77.5°	73.1	72.5	71.9	71.9	70.6
80°	56.3	55.7	55.7	55.7	53.7
82.5°	40.1	38.8	39.5	40.1	36.9
85°	24.0	24.0	24.0	24.6	21.4
87.5°	9.7	9.7	9.1	9.7	8.4
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	12.4	13.9	12.8	14.2	14.5	12.3	13.8	12.7	14.1	14.4
	3H	13.8	15.2	14.2	15.5	15.9	13.7	15.1	14.1	15.4	15.8
	4H	14.4	15.6	14.8	16.0	16.4	14.3	15.5	14.7	15.9	16.3
	6H	14.8	16.0	15.2	16.3	16.7	14.7	15.9	15.1	16.2	16.6
	8H	14.9	16.1	15.4	16.4	16.9	14.8	15.9	15.3	16.3	16.7
	12H	15.0	16.1	15.5	16.5	16.9	14.9	16.0	15.3	16.4	16.8
4H	2H	12.9	14.1	13.3	14.5	14.9	12.8	14.1	13.2	14.4	14.8
	3H	14.5	15.6	14.9	16.0	16.4	14.4	15.5	14.8	15.9	16.3
	4H	15.2	16.2	15.6	16.6	17.0	15.1	16.1	15.6	16.5	16.9
	6H	15.8	16.6	16.2	17.0	17.5	15.7	16.5	16.1	16.9	17.4
	8H	16.0	16.7	16.4	17.2	17.6	15.9	16.6	16.3	17.1	17.5
	12H	16.1	16.8	16.6	17.3	17.7	16.0	16.7	16.5	17.1	17.6
8H	4H	15.4	16.2	15.9	16.7	17.1	15.4	16.1	15.8	16.6	17.1
	6H	16.1	16.8	16.6	17.3	17.7	16.1	16.7	16.6	17.2	17.7
	8H	16.4	17.0	16.9	17.5	18.0	16.3	16.9	16.8	17.4	17.9
	12H	16.6	17.1	17.1	17.6	18.2	16.5	17.0	17.0	17.5	18.1
12H	4H	15.5	16.2	16.0	16.6	17.1	15.4	16.1	15.9	16.6	17.0
	6H	16.2	16.8	16.7	17.2	17.8	16.1	16.7	16.6	17.1	17.7
	8H	16.5	17.0	17.0	17.5	18.1	16.4	16.9	16.9	17.4	18.0

(END OF REPORT)