

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: P1471655

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

Issue Date: 6/22/2026

Test Information

Test Method: LM-79-2019
Report Number: P1471655
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-B
Description: 3000 LUMEN 1X4 PERCEIVE PT TROFFER WITH 3500K, 80 CRI LEDS AND PLG Lens Black Recess Frame
Light Source: -
Ballast/Driver: -

Summary

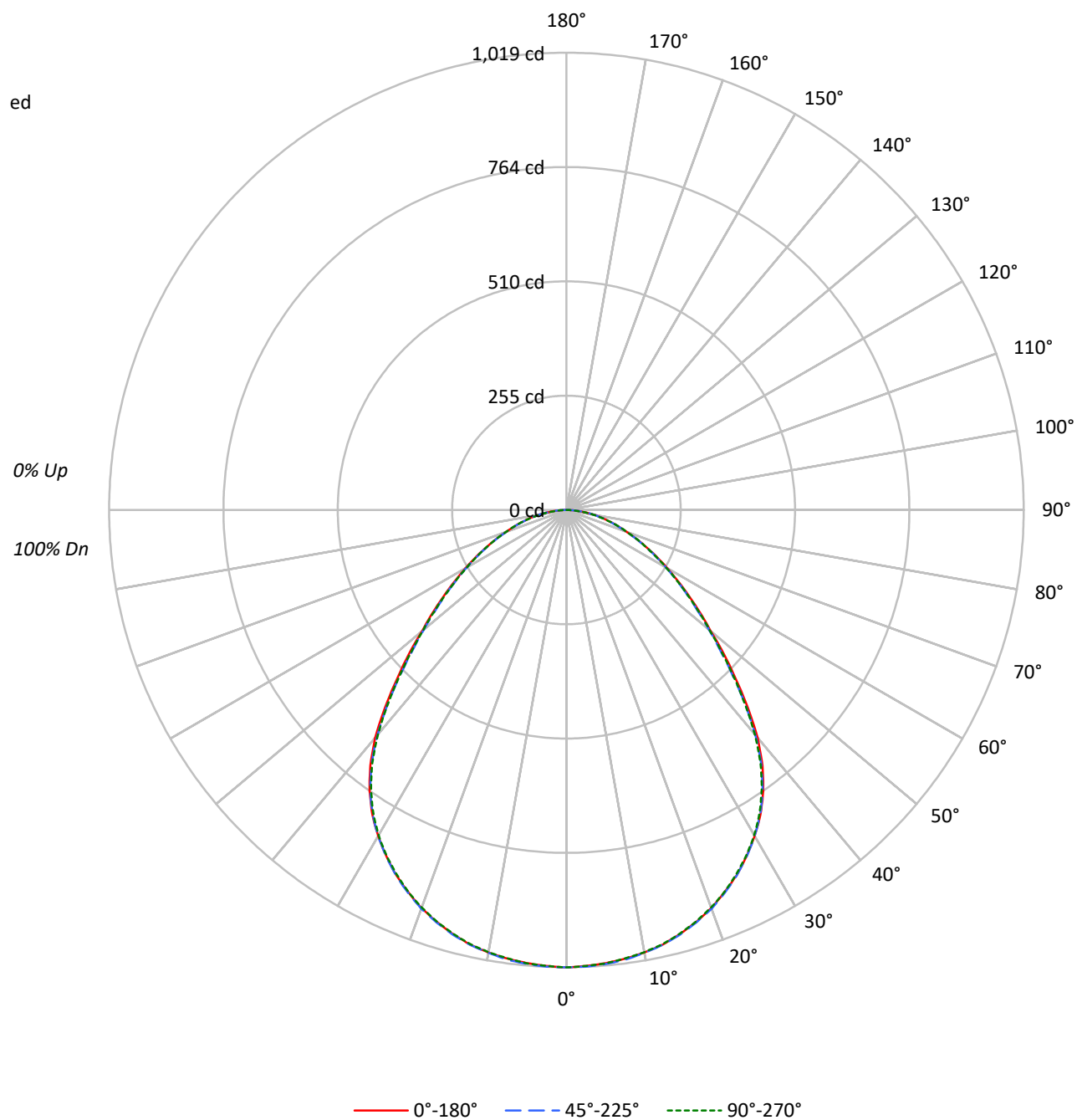
Lumens per Lamp: N/A
Luminaire Lumens: 2296.9 lumens
Efficiency: N/A
Efficacy: 96.1 lumens/watt
Spacing Criteria (0/90/45): 1.22 / 1.22 / 1.26
Luminous Opening: Rectangular (W 1' x L: 4' x H: 0')
CIE Type: Direct

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°	2743	2743	2743
5°	2738	2744	2740
10°	2736	2738	2734
15°	2725	2729	2723
20°	2704	2708	2700
25°	2666	2668	2659
30°	2608	2608	2601
35°	2512	2505	2493
40°	2328	2303	2295
45°	2034	2002	2010
50°	1757	1735	1744
55°	1561	1537	1541
60°	1398	1378	1378
65°	1253	1244	1249
70°	1127	1116	1127
75°	1046	1030	1046
80°	975	964	930
85°	827	827	738

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 2034 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	96.5	4.2
10°-20°	276.1	12.0
20°-30°	413.2	18.0
30°-40°	473.4	20.6
40°-50°	409.4	17.8
50°-60°	296.3	12.9
60°-70°	195.2	8.5
70°-80°	106.2	4.6
80°-90°	30.5	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°	785.9	34.2
0°-40°	1259.3	54.8
0°-60°	1965.0	85.6
0°-90°	2296.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2296.9	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1019	1019	1019	1019	1019	
5°	1014	1016	1016	1016	1014	96
15°	978	979	980	981	977	276
25°	898	898	898	899	896	413
35°	765	764	762	762	759	475
45°	535	533	526	525	528	414
55°	333	331	328	326	328	300
65°	197	198	195	194	196	196
75°	101	101	99	99	101	107
85°	27	27	27	28	24	31
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1019.4	1019.4	1019.4	1019.4	1019.4
2.5°	1017.2	1019.4	1018.6	1019.4	1017.2
5°	1013.6	1015.7	1015.7	1015.7	1014.3
7.5°	1008.5	1010.0	1010.7	1011.4	1007.8
10°	1001.3	1002.7	1002.0	1003.4	1000.5
12.5°	991.9	991.9	992.6	994.0	991.1
15°	978.1	978.8	979.6	981.0	977.4
17.5°	962.2	962.9	963.6	964.4	961.5
20°	944.1	944.1	945.6	946.3	942.7
22.5°	921.7	921.7	923.1	925.3	921.0
25°	897.8	897.8	898.5	899.3	895.6
27.5°	869.6	869.6	870.3	872.5	868.2
30°	839.2	838.5	839.2	839.9	837.0
32.5°	805.2	804.5	803.8	804.5	800.9
35°	764.7	764.0	762.5	761.8	758.9
37.5°	717.7	716.2	713.3	713.3	710.4
40°	662.7	659.1	655.5	654.0	653.3
42.5°	599.0	596.1	591.1	590.3	590.3
45°	534.6	533.2	526.0	525.2	528.1
47.5°	476.8	473.1	466.6	465.2	469.5
50°	419.6	420.3	414.5	412.4	416.7
52.5°	374.8	373.3	368.2	366.8	370.4
55°	332.8	331.3	327.7	325.6	328.5
57.5°	294.4	293.7	290.1	289.4	290.8
60°	259.7	259.0	256.1	255.4	256.1
62.5°	227.2	227.2	224.3	222.8	225.0
65°	196.8	198.2	195.3	193.9	196.1
67.5°	169.3	170.7	167.8	166.4	169.3
70°	143.2	144.7	141.8	140.4	143.2
72.5°	120.8	121.5	119.4	118.6	122.3
75°	100.6	100.6	99.1	99.1	100.6
77.5°	81.8	81.0	80.3	80.3	78.9
80°	62.9	62.2	62.2	62.2	60.0
82.5°	44.9	43.4	44.1	44.9	41.2
85°	26.8	26.8	26.8	27.5	23.9
87.5°	10.9	10.9	10.1	10.9	9.4
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	12.8	14.3	13.1	14.6	14.9	12.7	14.2	13.0	14.5	14.8
	3H	14.2	15.6	14.6	15.9	16.3	14.1	15.5	14.5	15.8	16.2
	4H	14.8	16.0	15.2	16.4	16.7	14.7	15.9	15.1	16.3	16.7
	6H	15.2	16.4	15.6	16.7	17.1	15.1	16.3	15.5	16.6	17.0
	8H	15.3	16.4	15.8	16.8	17.2	15.2	16.3	15.6	16.7	17.1
	12H	15.4	16.5	15.9	16.9	17.3	15.3	16.4	15.7	16.7	17.2
4H	2H	13.3	14.5	13.7	14.9	15.2	13.2	14.4	13.6	14.8	15.2
	3H	14.9	16.0	15.3	16.4	16.8	14.8	15.9	15.2	16.3	16.7
	4H	15.6	16.5	16.0	17.0	17.4	15.5	16.5	15.9	16.9	17.3
	6H	16.2	17.0	16.6	17.4	17.9	16.1	16.9	16.5	17.3	17.8
	8H	16.3	17.1	16.8	17.6	18.0	16.2	17.0	16.7	17.5	17.9
	12H	16.5	17.2	17.0	17.6	18.1	16.4	17.0	16.8	17.5	18.0
8H	4H	15.8	16.6	16.3	17.0	17.5	15.8	16.5	16.2	17.0	17.4
	6H	16.5	17.2	17.0	17.6	18.1	16.4	17.1	16.9	17.6	18.0
	8H	16.8	17.4	17.3	17.9	18.4	16.7	17.3	17.2	17.8	18.3
	12H	17.0	17.5	17.5	18.0	18.6	16.9	17.4	17.4	17.9	18.5
12H	4H	15.9	16.5	16.3	17.0	17.5	15.8	16.5	16.3	17.0	17.4
	6H	16.6	17.2	17.1	17.6	18.2	16.5	17.1	17.0	17.5	18.1
	8H	16.9	17.4	17.4	17.9	18.4	16.8	17.3	17.3	17.8	18.4

(END OF REPORT)