Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

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: P1471662

Luminaire Tested: 14PTR-30S-PW1-L835-UNV-STD-W

Issue Date: 6/22/2026

Test Information

Test Method:	LM-79-2019
Report Number:	P1471662
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P737743)
Test Lab:	INNOVATION CENTER
Issue Date:	6/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	CORELITE
Catalog Number:	14PTR-30S-PW1-L835-UNV-STD-W
Description:	3000 LUMEN 1X4 PERCEIVE PT TROFFER WITH 3500K, 80 CRI LEDS AND PW1 Lens White Rece Frame
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	2461.0 lumens
Efficiency:	N/A
Efficacy:	103.0 lumens/watt
Spacing Criteria (0/90/45):	1.26 / 1.24 / 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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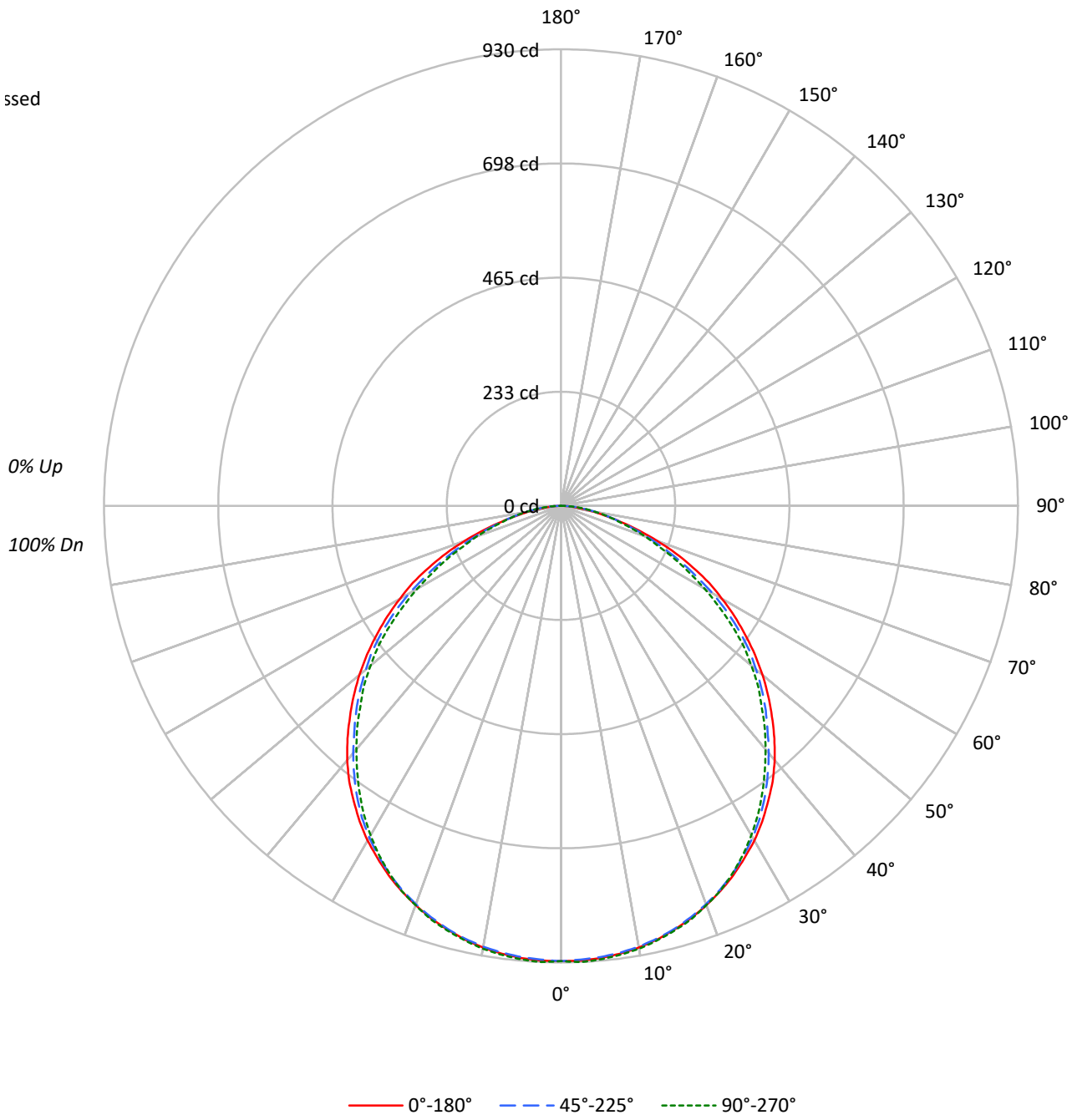
Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20			20			20			20
RC	80				70				50			30			10			0
RW	70	50	30	10	70	50	30	10	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	102	102	100
1	109	105	101	97	107	103	99	95	98	95	92	94	92	90	91	89	87	85
2	100	92	85	80	97	90	84	79	86	81	77	83	79	75	80	77	74	71
3	91	81	73	67	89	79	72	66	76	70	65	74	68	64	71	67	63	61
4	84	72	63	57	81	71	63	57	68	61	56	66	60	55	64	59	54	52
5	77	64	56	49	75	63	55	49	61	54	48	59	53	48	57	52	47	45
6	71	58	49	43	69	57	49	43	55	48	42	54	47	42	52	46	42	40
7	66	53	44	38	64	52	44	38	50	43	38	49	42	37	48	42	37	35
8	62	48	40	34	60	48	40	34	46	39	34	45	38	34	44	38	33	31
9	58	44	36	31	56	44	36	31	43	35	30	41	35	30	40	34	30	28
10	54	41	33	28	53	40	33	28	39	32	28	38	32	28	38	32	27	26

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	2495	2495	2495
5°	2498	2492	2505
10°	2496	2491	2503
15°	2489	2485	2495
20°	2479	2473	2479
25°	2465	2455	2453
30°	2446	2425	2408
35°	2414	2377	2347
40°	2376	2311	2275
45°	2311	2242	2197
50°	2241	2168	2117
55°	2147	2075	1992
60°	2036	1916	1816
65°	1883	1711	1626
70°	1633	1489	1434
75°	1304	1275	1239
80°	990	1106	1106
85°	732	945	945

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 2311 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	87.9	3.6
10°-20°	252.2	10.2
20°-30°	381.2	15.5
30°-40°	452.7	18.4
40°-50°	456.1	18.5
50°-60°	394.2	16.0
60°-70°	269.4	10.9
70°-80°	132.8	5.4
80°-90°	34.4	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°	721.4	29.3
0°-40°	1174.1	47.7
0°-60°	2024.3	82.3
0°-90°	2461.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2461.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	927	927	927	927	927	
5°	925	925	923	926	927	88
15°	893	894	892	895	895	252
25°	830	829	827	827	826	382
35°	735	732	724	717	714	460
45°	607	601	589	582	577	469
55°	458	456	442	429	425	409
65°	296	285	269	257	255	292
75°	125	124	123	123	119	137
85°	24	28	31	31	31	29
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	927.3	927.3	927.3	927.3	*927.3*
2.5°	*927.1*	*927.3*	*925.0*	*929.1*	*930.1*
5°	924.6	925.0	922.6	926.3	*927.3*
7.5°	920.2	920.8	918.1	921.8	*922.6*
10°	913.6	914.0	911.6	915.3	*916.1*
12.5°	904.7	905.0	903.0	906.4	*906.4*
15°	893.4	894.4	892.0	895.1	*895.4*
17.5°	880.6	881.0	878.6	882.0	*882.8*
20°	865.5	865.5	863.5	866.3	*865.5*
22.5°	848.7	848.7	846.3	847.7	*848.3*
25°	830.2	829.4	826.7	827.4	*826.1*
27.5°	808.8	808.8	804.0	804.0	*801.6*
30°	787.2	785.5	780.4	777.3	*774.9*
32.5°	762.4	760.0	753.5	748.0	*746.3*
35°	734.7	732.2	723.6	717.1	*714.3*
37.5°	707.8	702.3	691.0	684.5	*681.4*
40°	676.5	669.6	658.0	649.0	*647.6*
42.5°	642.9	637.4	622.3	615.7	*614.1*
45°	607.2	600.6	589.2	582.3	*577.2*
47.5°	572.1	567.2	554.3	546.0	*544.3*
50°	535.3	531.2	517.8	508.9	*505.8*
52.5°	497.2	494.4	483.1	471.7	*468.0*
55°	457.7	456.4	442.3	429.1	*424.6*
57.5°	418.9	417.2	399.6	384.4	*380.3*
60°	378.3	373.2	356.0	341.9	*337.4*
62.5°	339.9	328.9	310.3	299.3	*294.2*
65°	295.8	285.2	268.7	257.0	*255.3*
67.5°	252.6	239.9	227.1	219.9	*214.4*
70°	207.5	198.9	189.3	183.2	*182.2*
72.5°	165.6	159.4	154.6	150.8	*147.7*
75°	125.4	124.4	122.6	122.6	*119.2*
77.5°	92.1	94.5	95.9	95.5	*96.3*
80°	63.9	68.7	71.4	71.8	*71.4*
82.5°	40.6	46.1	50.6	51.2	*51.9*
85°	23.7	27.8	30.6	31.2	*30.6*
87.5°	10.6	13.4	14.1	14.7	*14.1*
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	14.9	16.5	15.2	16.8	17.1	14.3	15.9	14.6	16.2	16.5
	3H	16.3	17.8	16.7	18.1	18.5	15.7	17.1	16.0	17.4	17.8
	4H	16.8	18.1	17.2	18.5	18.8	16.1	17.5	16.5	17.8	18.2
	6H	17.0	18.3	17.4	18.6	19.0	16.5	17.7	16.9	18.1	18.5
	8H	17.1	18.3	17.5	18.7	19.1	16.6	17.8	17.0	18.2	18.6
	12H	17.1	18.3	17.5	18.6	19.1	16.7	17.8	17.1	18.2	18.6
4H	2H	15.3	16.7	15.7	17.0	17.4	14.8	16.2	15.2	16.5	16.9
	3H	17.0	18.1	17.4	18.5	18.9	16.4	17.5	16.8	17.9	18.3
	4H	17.5	18.5	18.0	19.0	19.4	17.0	18.0	17.4	18.4	18.9
	6H	17.9	18.8	18.3	19.2	19.7	17.5	18.4	17.9	18.8	19.3
	8H	18.0	18.8	18.4	19.2	19.7	17.6	18.5	18.1	18.9	19.4
	12H	18.0	18.8	18.5	19.3	19.7	17.8	18.5	18.2	19.0	19.4
8H	4H	17.7	18.5	18.2	19.0	19.4	17.2	18.1	17.7	18.5	19.0
	6H	18.2	18.9	18.7	19.3	19.8	17.8	18.5	18.3	19.0	19.5
	8H	18.3	18.9	18.8	19.4	19.9	18.0	18.7	18.6	19.2	19.7
	12H	18.4	19.0	18.9	19.5	20.0	18.2	18.8	18.7	19.3	19.8
12H	4H	17.7	18.5	18.2	18.9	19.4	17.3	18.0	17.7	18.5	19.0
	6H	18.2	18.8	18.7	19.3	19.8	17.9	18.5	18.4	18.9	19.5
	8H	18.4	18.9	18.9	19.4	20.0	18.1	18.7	18.6	19.2	19.7

(END OF REPORT)