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: P1471658

Luminaire Tested: 14PTR-30S-PP3-L835-UNV-STD-W

Issue Date: 6/22/2026

Test Information

Test Method:	LM-79-2019
Report Number:	P1471658
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P737727)
Test Lab:	INNOVATION CENTER
Issue Date:	6/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	CORELITE
Catalog Number:	14PTR-30S-PP3-L835-UNV-STD-W
Description:	3000 LUMEN 1X4 PERCEIVE PT TROFFER WITH 3500K, 80 CRI LEDS AND PP3 Lens White Reces Frame
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	2446.5 lumens
Efficiency:	N/A
Efficacy:	102.4 lumens/watt
Spacing Criteria (0/90/45):	1.24 / 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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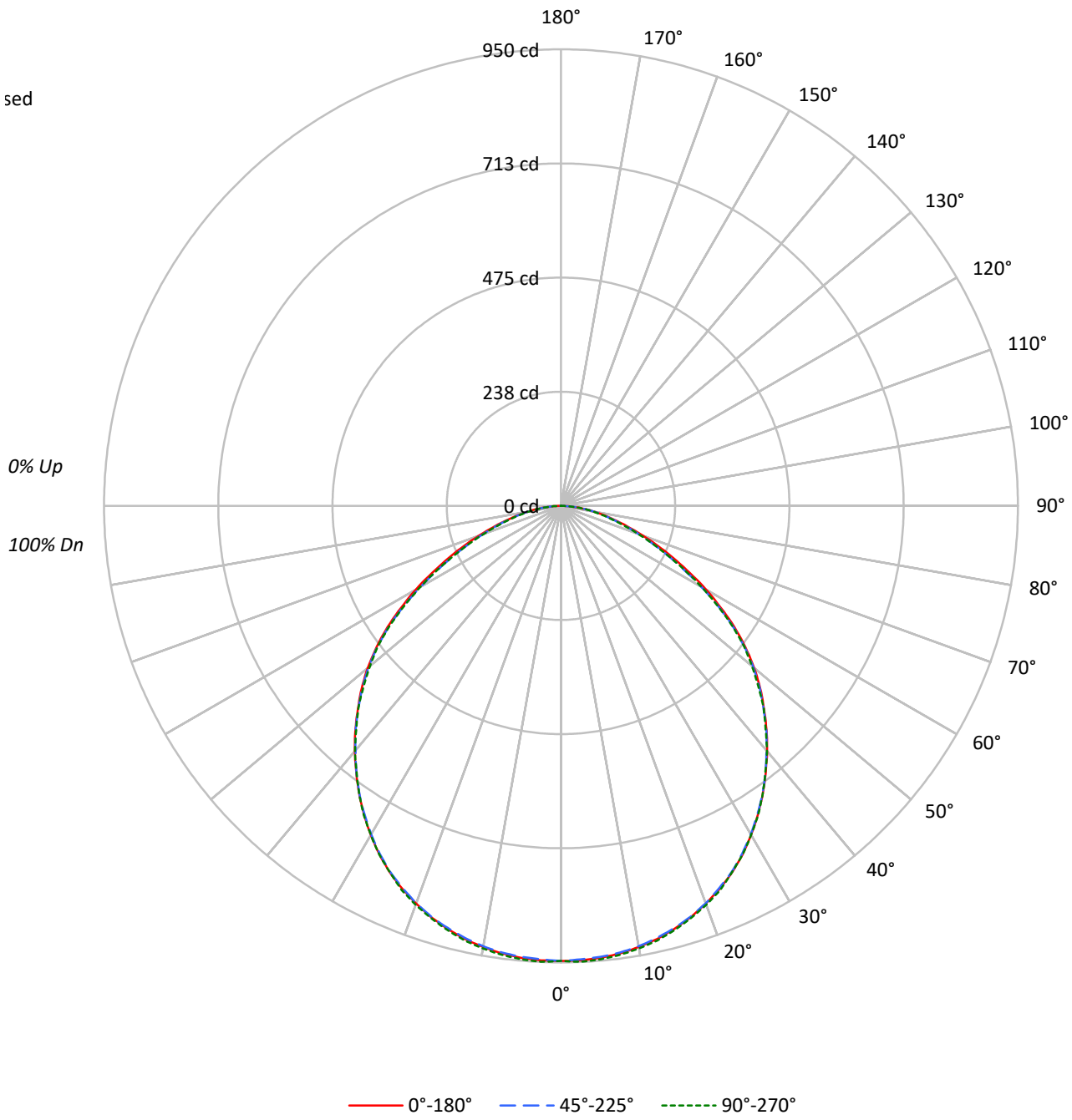
Luminous Intensity Polar Plot



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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	96	99	96	93	95	92	90	91	89	87	85
2	100	92	86	80	97	90	84	79	87	82	78	84	79	76	81	77	74	72
3	92	81	74	67	89	80	73	67	77	71	66	74	69	65	72	67	63	61
4	84	73	64	58	82	71	63	57	69	62	56	66	60	56	64	59	55	53
5	77	65	56	50	75	64	56	50	62	55	49	60	54	49	58	52	48	46
6	72	59	50	44	70	58	50	44	56	49	43	54	48	43	53	47	42	40
7	66	53	45	39	65	52	44	39	51	44	38	50	43	38	48	42	38	36
8	62	49	40	35	60	48	40	35	47	39	34	45	39	34	44	38	34	32
9	58	45	37	31	57	44	36	31	43	36	31	42	35	31	41	35	31	29
10	54	41	34	28	53	41	33	28	40	33	28	39	33	28	38	32	28	26

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	2548	2548	2548
5°	2550	2545	2558
10°	2547	2543	2555
15°	2539	2534	2545
20°	2522	2519	2530
25°	2499	2495	2498
30°	2457	2452	2457
35°	2404	2400	2402
40°	2342	2335	2341
45°	2272	2265	2268
50°	2196	2185	2170
55°	2067	2043	2037
60°	1876	1813	1816
65°	1648	1565	1563
70°	1425	1360	1344
75°	1232	1186	1160
80°	1091	1075	1027
85°	902	932	880

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 22.5°
Vertical Angle: 45°
Luminance: 2280 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	89.8	3.7
10°-20°	257.3	10.5
20°-30°	387.3	15.8
30°-40°	457.1	18.7
40°-50°	459.7	18.8
50°-60°	388.1	15.9
60°-70°	249.3	10.2
70°-80°	124.0	5.1
80°-90°	34.0	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°	734.3	30.0
0°-40°	1191.5	48.7
0°-60°	2039.3	83.4
0°-90°	2446.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2446.5	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	947	947	947	947	947	
5°	944	944	942	946	947	90
15°	911	911	909	914	914	257
25°	842	842	840	842	841	387
35°	732	732	731	731	731	457
45°	597	599	595	596	596	461
55°	441	440	436	434	434	392
65°	259	255	246	243	245	258
75°	118	118	114	113	112	128
85°	29	30	30	28	28	34
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	946.9	946.9	946.9	946.9	*946.9*
2.5°	*946.5*	*946.9*	*944.4*	*948.9*	*949.6*
5°	944.1	944.4	942.0	946.5	*947.1*
7.5°	939.3	939.6	937.5	941.6	*942.4*
10°	932.0	933.1	930.6	934.5	*935.1*
12.5°	923.1	923.5	921.0	925.5	*926.3*
15°	911.2	911.4	909.4	913.5	*913.5*
17.5°	897.3	897.7	896.3	899.8	*899.4*
20°	880.6	881.6	879.8	882.2	*883.6*
22.5°	862.3	862.7	860.6	863.7	*865.1*
25°	841.7	842.0	840.3	842.0	*841.3*
27.5°	817.6	818.2	815.9	817.6	*818.0*
30°	790.8	792.5	789.1	790.5	*790.8*
32.5°	761.9	762.9	760.5	760.9	*762.7*
35°	731.7	732.1	730.7	731.3	*731.3*
37.5°	699.1	700.5	698.4	699.4	*698.0*
40°	666.8	665.4	664.6	665.4	*666.4*
42.5°	632.7	633.0	632.0	631.3	*629.7*
45°	596.9	599.1	595.2	595.9	*595.9*
47.5°	562.0	562.2	560.2	558.1	*556.7*
50°	524.5	524.5	522.0	520.4	*518.3*
52.5°	483.6	482.9	480.2	478.4	*479.4*
55°	440.6	440.2	435.5	433.7	*434.1*
57.5°	393.5	394.3	387.0	385.3	*385.3*
60°	348.6	345.1	336.8	334.4	*337.4*
62.5°	301.3	297.2	288.4	288.4	*290.7*
65°	258.8	255.0	245.8	243.3	*245.4*
67.5°	218.9	215.4	206.9	205.6	*206.2*
70°	181.1	178.1	172.8	169.7	*170.8*
72.5°	148.5	145.7	142.2	139.9	*138.5*
75°	118.5	117.9	114.1	113.0	*111.6*
77.5°	93.8	93.5	90.4	89.0	*87.7*
80°	70.4	70.1	69.4	67.3	*66.3*
82.5°	50.2	50.2	49.8	48.1	*47.1*
85°	29.2	30.2	30.2	28.5	*28.5*
87.5°	11.7	12.4	11.7	11.7	*11.4*
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	14.5	16.1	14.9	16.4	16.7	14.3	15.9	14.7	16.2	16.5
	3H	15.8	17.2	16.2	17.5	17.9	15.6	17.0	15.9	17.3	17.7
	4H	16.2	17.6	16.6	17.9	18.3	16.0	17.3	16.4	17.7	18.1
	6H	16.6	17.8	17.0	18.2	18.6	16.3	17.5	16.7	17.9	18.3
	8H	16.7	17.9	17.1	18.3	18.7	16.4	17.6	16.8	18.0	18.4
	12H	16.8	17.9	17.2	18.3	18.7	16.5	17.6	16.9	18.0	18.4
4H	2H	14.9	16.3	15.3	16.6	17.0	14.8	16.1	15.2	16.5	16.8
	3H	16.4	17.5	16.8	17.9	18.3	16.2	17.3	16.6	17.7	18.1
	4H	17.0	18.0	17.4	18.4	18.8	16.8	17.8	17.2	18.2	18.6
	6H	17.4	18.3	17.9	18.8	19.2	17.2	18.1	17.7	18.5	19.0
	8H	17.6	18.4	18.1	18.9	19.3	17.3	18.2	17.8	18.6	19.1
	12H	17.7	18.4	18.2	18.9	19.4	17.5	18.2	17.9	18.7	19.1
8H	4H	17.2	18.0	17.7	18.4	18.9	17.0	17.8	17.4	18.2	18.7
	6H	17.7	18.4	18.2	18.9	19.4	17.5	18.2	18.0	18.7	19.2
	8H	18.0	18.6	18.5	19.1	19.6	17.7	18.3	18.2	18.8	19.3
	12H	18.1	18.7	18.6	19.2	19.7	17.9	18.4	18.4	18.9	19.5
12H	4H	17.2	17.9	17.7	18.4	18.9	17.0	17.7	17.5	18.2	18.7
	6H	17.8	18.4	18.3	18.9	19.4	17.6	18.2	18.1	18.6	19.2
	8H	18.0	18.6	18.6	19.1	19.6	17.8	18.4	18.3	18.9	19.4

(END OF REPORT)