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: P1471650

Luminaire Tested: 14PTR-30S-PB1-L835-UNV-STD-W

Issue Date: 6/22/2026

Test Information

Test Method:	LM-79-2019
Report Number:	P1471650
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P737703)
Test Lab:	INNOVATION CENTER
Issue Date:	6/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	CORELITE
Catalog Number:	14PTR-30S-PB1-L835-UNV-STD-W
Description:	3000 LUMEN 1X4 PERCEIVE PT TROFFER WITH 3500K, 80 CRI LEDS AND PB1 Lens White Reces
	Frame
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	2412.7 lumens
Efficiency:	N/A
Efficacy:	101.0 lumens/watt
Spacing Criteria (0/90/45):	1.26 / 1.25 / 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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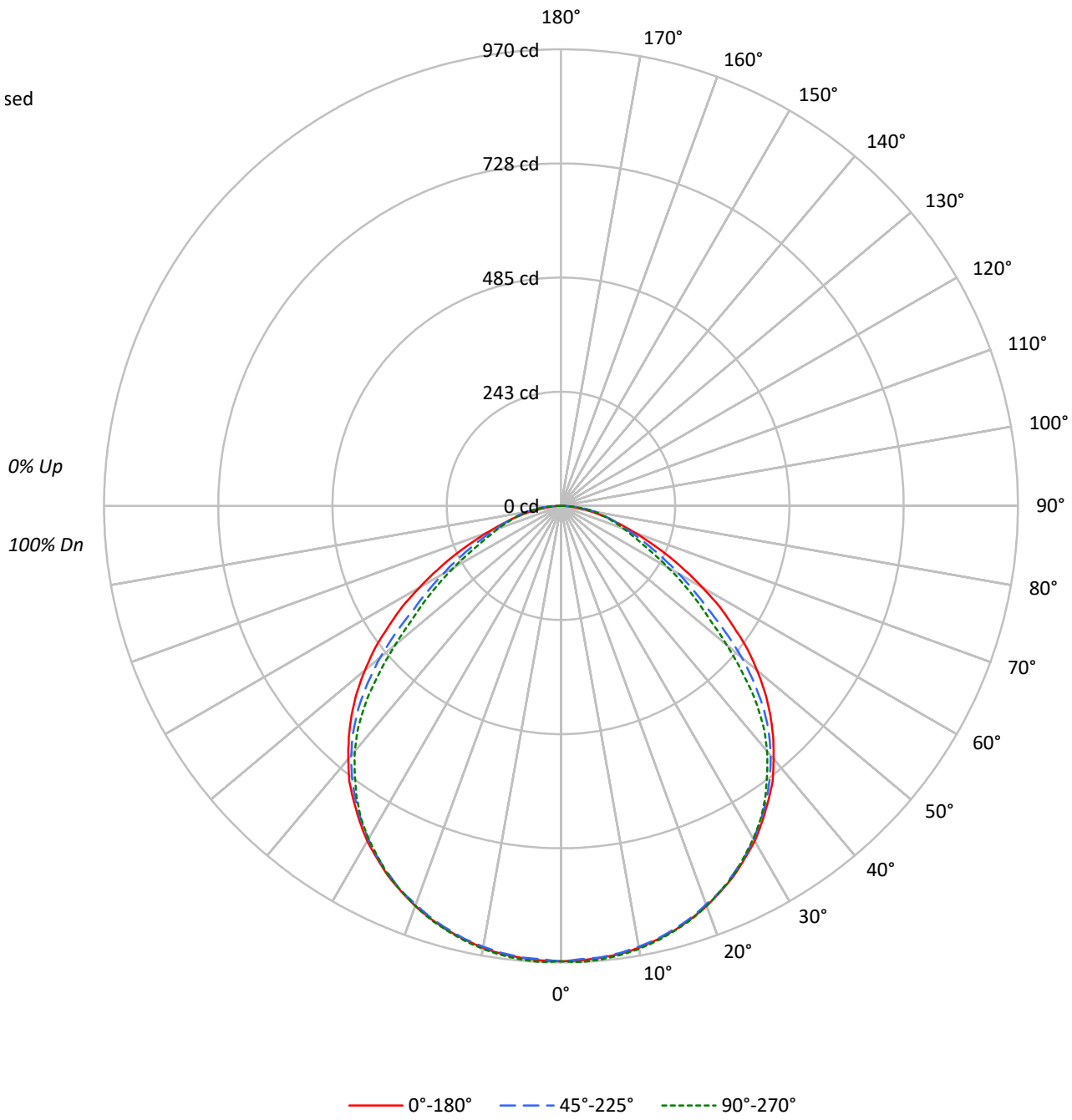
Luminous Intensity Polar Plot



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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	110	105	101	98	107	103	99	96	99	96	93	95	93	90	91	89	88	86
2	100	93	86	81	98	91	85	80	87	83	78	84	80	77	81	78	75	73
3	92	82	75	69	90	81	74	68	78	72	67	75	70	66	73	68	64	62
4	85	73	65	59	83	72	64	58	70	63	58	67	62	57	65	60	56	54
5	78	66	57	51	76	65	57	51	63	56	50	61	55	50	59	54	49	47
6	72	60	51	45	71	59	51	45	57	50	44	55	49	44	54	48	44	42
7	67	54	46	40	66	53	45	40	52	45	39	51	44	39	49	43	39	37
8	63	50	41	36	61	49	41	36	48	41	35	46	40	35	45	39	35	33
9	59	46	38	32	57	45	37	32	44	37	32	43	36	32	42	36	32	30
10	55	42	34	29	54	42	34	29	41	34	29	40	33	29	39	33	29	27

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	2604	2604	2604
5°	2604	2601	2614
10°	2605	2599	2611
15°	2600	2593	2603
20°	2590	2580	2590
25°	2576	2565	2572
30°	2555	2541	2537
35°	2518	2498	2483
40°	2467	2433	2391
45°	2391	2314	2219
50°	2272	2097	1918
55°	2094	1781	1652
60°	1864	1556	1415
65°	1599	1349	1205
70°	1320	1190	1105
75°	1114	1138	1077
80°	941	1162	1108
85°	738	1176	1031

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 2391 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	91.7	3.8
10°-20°	263.3	10.9
20°-30°	398.8	16.5
30°-40°	475.2	19.7
40°-50°	464.7	19.3
50°-60°	351.5	14.6
60°-70°	215.9	8.9
70°-80°	115.0	4.8
80°-90°	36.7	1.5
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°	753.8	31.2
0°-40°	1228.9	50.9
0°-60°	2045.0	84.8
0°-90°	2412.7	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2412.7	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	968	968	968	968	968	
5°	964	965	963	966	968	92
15°	933	934	931	934	934	263
25°	868	866	864	865	866	400
35°	766	765	760	757	756	479
45°	628	625	608	588	583	483
55°	446	424	380	358	352	400
65°	251	231	212	195	189	250
75°	107	108	110	106	104	115
85°	24	31	38	36	33	29
90°	0	0	0	0	0	

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CATALOG NUMBER: 14PTR-30S-PB1-L835-UNV-STD-W

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	967.6	967.6	967.6	967.6	*967.6*
2.5°	*966.5*	*967.6*	*964.0*	*968.8*	*970.0*
5°	964.0	965.2	962.8	966.5	*967.6*
7.5°	960.5	960.5	958.1	961.6	*962.8*
10°	953.3	953.3	951.0	954.5	*955.7*
12.5°	943.8	943.8	942.6	945.0	*946.2*
15°	933.1	934.2	930.7	934.2	*934.2*
17.5°	920.0	918.9	917.6	920.0	*921.2*
20°	904.5	904.5	901.0	903.4	*904.5*
22.5°	886.6	886.6	885.5	886.6	*885.5*
25°	867.6	866.4	864.0	865.2	*866.4*
27.5°	845.0	845.0	842.6	842.6	*841.4*
30°	822.4	821.1	817.6	815.3	*816.4*
32.5°	795.0	793.8	790.3	787.9	*789.0*
35°	766.4	765.3	760.5	756.9	*755.8*
37.5°	737.9	734.3	728.3	723.6	*718.8*
40°	702.2	698.6	692.7	682.0	*680.7*
42.5°	666.5	663.0	653.3	640.3	*636.7*
45°	628.4	624.9	608.1	587.9	*583.1*
47.5°	587.9	582.0	555.8	530.8	*521.3*
50°	542.8	532.0	501.0	468.9	*458.2*
52.5°	498.7	479.7	439.2	410.6	*400.0*
55°	446.3	423.7	379.7	358.2	*352.2*
57.5°	400.0	369.0	333.2	311.9	*307.1*
60°	346.3	317.7	289.2	270.1	*263.0*
62.5°	297.5	272.5	248.8	232.0	*223.8*
65°	251.1	230.9	211.9	195.2	*189.3*
67.5°	205.9	195.2	179.7	166.7	*163.1*
70°	167.8	161.8	151.2	145.2	*140.4*
72.5°	133.3	135.7	128.6	126.2	*122.6*
75°	107.1	108.3	109.5	106.0	*103.6*
77.5°	81.0	86.8	91.6	89.2	*86.8*
80°	60.7	66.6	75.0	71.5	*71.5*
82.5°	41.6	48.9	56.0	53.6	*52.4*
85°	23.9	31.0	38.1	35.7	*33.4*
87.5°	9.5	15.5	16.6	16.6	*15.5*
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	14.2	15.8	14.6	16.1	16.4	12.9	14.5	13.3	14.8	15.1
	3H	15.5	16.8	15.8	17.2	17.5	14.2	15.6	14.6	15.9	16.3
	4H	15.9	17.2	16.3	17.5	17.9	14.7	16.0	15.1	16.4	16.8
	6H	16.2	17.4	16.6	17.7	18.1	15.2	16.4	15.6	16.8	17.2
	8H	16.2	17.4	16.7	17.8	18.2	15.4	16.6	15.9	17.0	17.4
	12H	16.3	17.4	16.7	17.8	18.2	15.6	16.7	16.0	17.1	17.5
4H	2H	14.5	15.8	14.9	16.2	16.6	13.5	14.8	13.9	15.1	15.5
	3H	16.0	17.1	16.4	17.5	17.9	14.9	16.0	15.4	16.4	16.8
	4H	16.5	17.5	17.0	17.9	18.4	15.6	16.6	16.1	17.0	17.5
	6H	17.0	17.8	17.4	18.3	18.7	16.3	17.1	16.7	17.6	18.0
	8H	17.1	17.9	17.6	18.3	18.8	16.5	17.3	17.0	17.8	18.2
	12H	17.2	17.9	17.7	18.4	18.8	16.7	17.4	17.2	17.9	18.4
8H	4H	16.7	17.5	17.2	18.0	18.5	15.9	16.7	16.4	17.2	17.6
	6H	17.3	18.0	17.8	18.4	18.9	16.7	17.4	17.2	17.9	18.4
	8H	17.5	18.1	18.0	18.6	19.1	17.1	17.7	17.6	18.2	18.7
	12H	17.7	18.2	18.2	18.7	19.3	17.4	17.9	17.9	18.4	19.0
12H	4H	16.8	17.5	17.2	18.0	18.4	16.0	16.7	16.5	17.2	17.6
	6H	17.4	18.0	17.9	18.4	19.0	16.8	17.4	17.3	17.9	18.4
	8H	17.6	18.2	18.1	18.6	19.2	17.2	17.7	17.7	18.2	18.8

(END OF REPORT)