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: P1471657

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

Issue Date: 6/22/2026

Test Information

Test Method:	LM-79-2019
Report Number:	P1471657
	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-B
Description:	3000 LUMEN 1X4 PERCEIVE PT TROFFER WITH 3500K, 80 CRI LEDS AND PP3 Lens Black Recess Frame
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	2111.7 lumens
Efficiency:	N/A
Efficacy:	88.4 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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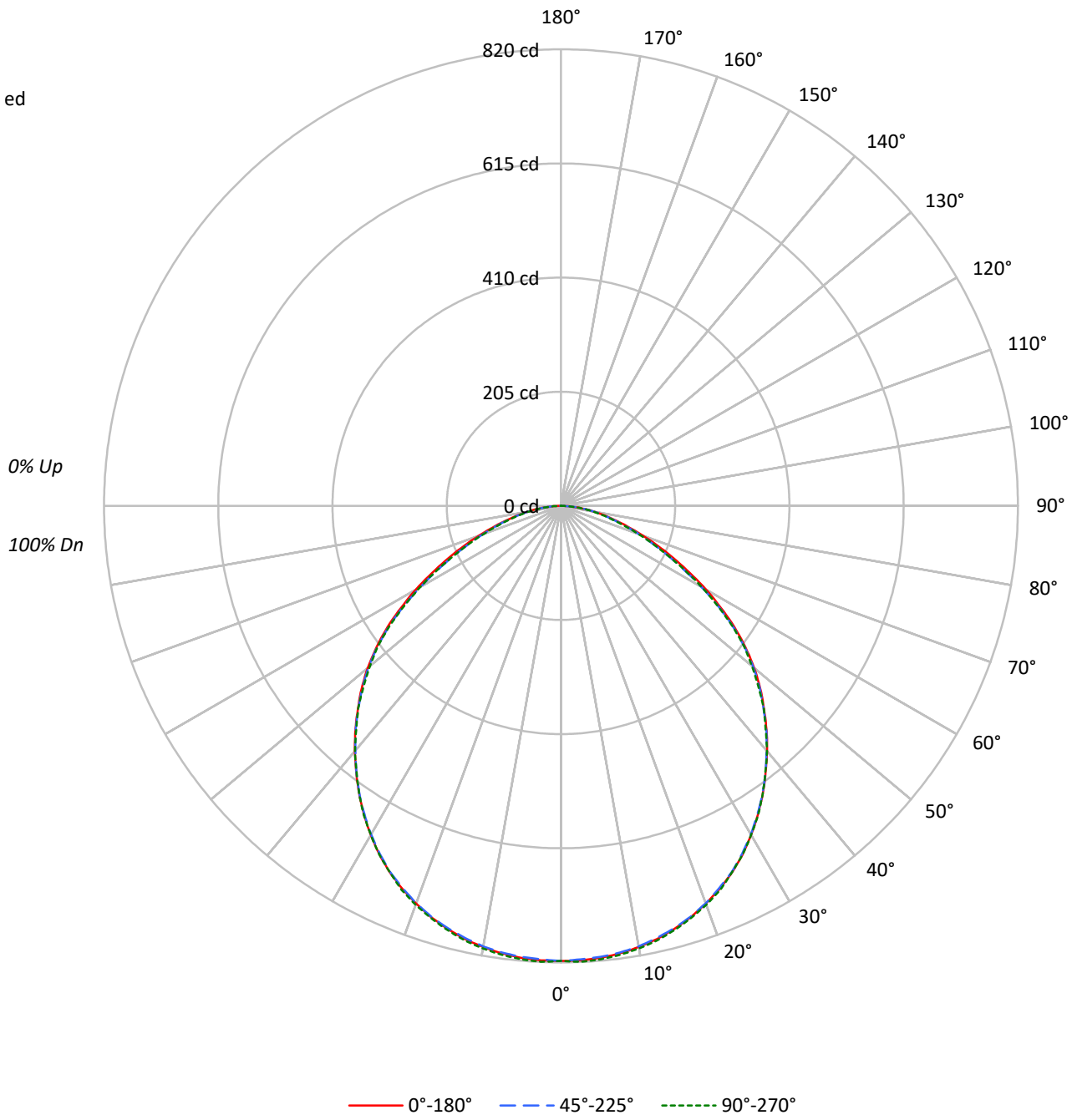
Luminous Intensity Polar Plot



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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°	2199	2199	2199
5°	2201	2196	2208
10°	2198	2195	2206
15°	2191	2187	2197
20°	2177	2175	2184
25°	2157	2154	2156
30°	2121	2117	2121
35°	2075	2072	2074
40°	2022	2015	2021
45°	1961	1955	1958
50°	1895	1886	1873
55°	1784	1764	1758
60°	1619	1565	1568
65°	1422	1351	1349
70°	1230	1174	1161
75°	1064	1024	1002
80°	942	928	886
85°	778	806	760

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 22.5°
Vertical Angle: 45°
Luminance: 1968 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	77.5	3.7
10°-20°	222.0	10.5
20°-30°	334.3	15.8
30°-40°	394.6	18.7
40°-50°	396.8	18.8
50°-60°	335.0	15.9
60°-70°	215.1	10.2
70°-80°	107.0	5.1
80°-90°	29.3	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°	633.9	30.0
0°-40°	1028.4	48.7
0°-60°	1760.2	83.4
0°-90°	2111.7	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2111.7	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	817	817	817	817	817	
5°	815	815	813	817	818	77
15°	786	787	785	788	788	222
25°	726	727	725	727	726	334
35°	632	632	631	631	631	395
45°	515	517	514	514	514	398
55°	380	380	376	374	375	338
65°	223	220	212	210	212	223
75°	102	102	98	98	96	111
85°	25	26	26	25	25	30
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	817.3	817.3	817.3	817.3	*817.3*
2.5°	*817.0*	*817.3*	*815.1*	*819.0*	*819.7*
5°	814.9	815.1	813.1	817.0	*817.5*
7.5°	810.7	811.0	809.2	812.8	*813.4*
10°	804.5	805.4	803.3	806.6	*807.2*
12.5°	796.8	797.1	795.0	798.9	*799.5*
15°	786.5	786.7	785.0	788.5	*788.5*
17.5°	774.5	774.8	773.6	776.7	*776.3*
20°	760.1	760.9	759.4	761.5	*762.6*
22.5°	744.3	744.6	742.8	745.5	*746.7*
25°	726.5	726.8	725.4	726.8	*726.2*
27.5°	705.7	706.3	704.2	705.7	*706.1*
30°	682.6	684.1	681.2	682.3	*682.6*
32.5°	657.7	658.5	656.5	656.8	*658.3*
35°	631.6	631.9	630.7	631.2	*631.2*
37.5°	603.4	604.6	602.8	603.7	*602.5*
40°	575.5	574.3	573.7	574.3	*575.2*
42.5°	546.1	546.4	545.5	544.9	*543.5*
45°	515.3	517.1	513.8	514.4	*514.4*
47.5°	485.1	485.3	483.6	481.7	*480.5*
50°	452.7	452.7	450.6	449.2	*447.3*
52.5°	417.4	416.8	414.5	413.0	*413.8*
55°	380.3	380.0	375.9	374.4	*374.7*
57.5°	339.7	340.3	334.1	332.5	*332.5*
60°	300.9	297.8	290.7	288.7	*291.3*
62.5°	260.1	256.6	248.9	248.9	*250.9*
65°	223.4	220.1	212.1	210.0	*211.8*
67.5°	189.0	185.9	178.6	177.4	*178.0*
70°	156.3	153.7	149.2	146.5	*147.5*
72.5°	128.2	125.8	122.8	120.7	*119.5*
75°	102.3	101.8	98.5	97.6	*96.4*
77.5°	81.0	80.7	78.0	76.9	*75.7*
80°	60.8	60.5	59.9	58.1	*57.2*
82.5°	43.3	43.3	43.0	41.5	*40.6*
85°	25.2	26.1	26.1	24.6	*24.6*
87.5°	10.1	10.7	10.1	10.1	*9.8*
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	14.0	15.6	14.3	15.9	16.2	13.8	15.4	14.2	15.7	16.0
	3H	15.3	16.7	15.7	17.0	17.4	15.1	16.5	15.4	16.8	17.2
	4H	15.7	17.1	16.1	17.4	17.8	15.5	16.8	15.9	17.2	17.5
	6H	16.1	17.3	16.5	17.7	18.1	15.8	17.0	16.2	17.4	17.8
	8H	16.2	17.4	16.6	17.7	18.1	15.9	17.1	16.3	17.5	17.9
	12H	16.2	17.4	16.7	17.8	18.2	16.0	17.1	16.4	17.5	17.9
4H	2H	14.4	15.7	14.8	16.1	16.5	14.3	15.6	14.7	16.0	16.3
	3H	15.9	17.0	16.3	17.4	17.8	15.7	16.8	16.1	17.2	17.6
	4H	16.5	17.5	16.9	17.9	18.3	16.3	17.3	16.7	17.7	18.1
	6H	16.9	17.8	17.4	18.3	18.7	16.7	17.6	17.1	18.0	18.5
	8H	17.1	17.9	17.6	18.3	18.8	16.8	17.7	17.3	18.1	18.6
	12H	17.2	17.9	17.7	18.4	18.9	16.9	17.7	17.4	18.1	18.6
8H	4H	16.7	17.5	17.1	17.9	18.4	16.5	17.3	16.9	17.7	18.2
	6H	17.2	17.9	17.7	18.4	18.9	17.0	17.7	17.5	18.2	18.7
	8H	17.5	18.1	18.0	18.6	19.1	17.2	17.8	17.7	18.3	18.8
	12H	17.6	18.2	18.1	18.7	19.2	17.4	17.9	17.9	18.4	19.0
12H	4H	16.7	17.4	17.2	17.9	18.4	16.5	17.2	17.0	17.7	18.2
	6H	17.3	17.9	17.8	18.4	18.9	17.1	17.7	17.6	18.1	18.7
	8H	17.5	18.1	18.0	18.6	19.1	17.3	17.8	17.8	18.3	18.9

(END OF REPORT)