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: P1471850

Luminaire Tested: 24PTR-65S-PP3-L835-UNV-STD-W

Issue Date: 6/22/2026

Test Information

Test Method:	LM-79-2019
Report Number:	P1471850
	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:	24PTR-65S-PP3-L835-UNV-STD-W
Description:	6500 LUMEN 2X4 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:	6032.7 lumens
Efficiency:	N/A
Efficacy:	113.0 lumens/watt
Spacing Criteria (0/90/45):	1.24 / 1.24 / 1.34
Luminous Opening:	Rectangular (W 2' x L: 4' x H: 0')
CIE Type:	Direct

Input Watts (W):	53.4
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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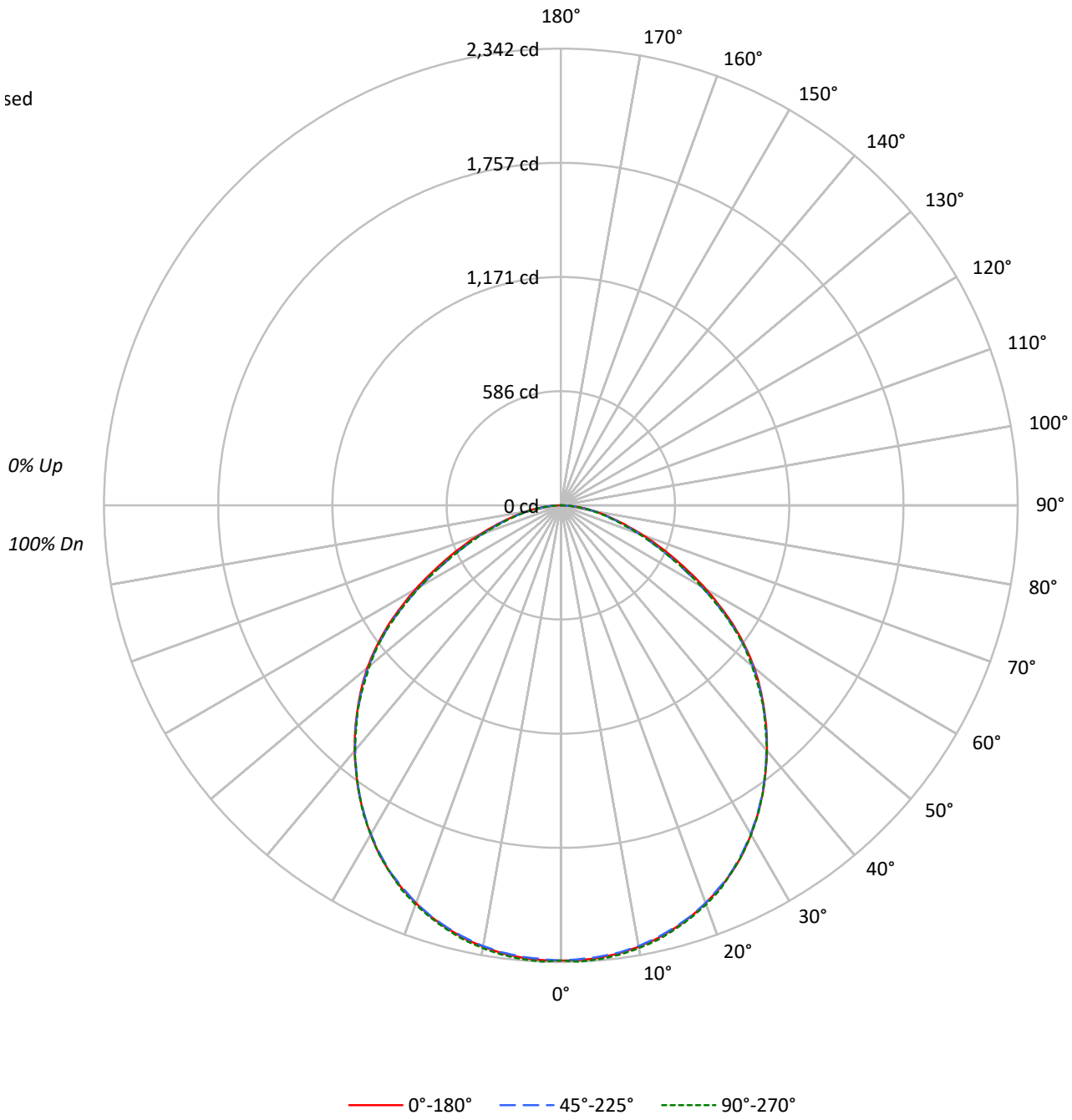
Luminous Intensity Polar Plot



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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°	3141	3141	3141
5°	3144	3137	3154
10°	3140	3135	3150
15°	3130	3124	3138
20°	3109	3106	3120
25°	3081	3076	3080
30°	3029	3023	3029
35°	2964	2960	2962
40°	2888	2879	2886
45°	2801	2793	2796
50°	2707	2694	2675
55°	2548	2519	2511
60°	2313	2235	2239
65°	2032	1929	1926
70°	1757	1677	1657
75°	1519	1463	1431
80°	1346	1327	1267
85°	1113	1150	1084

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 22.5°
Vertical Angle: 45°
Luminance: 2811 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	221.4	3.7
10°-20°	634.3	10.5
20°-30°	955.0	15.8
30°-40°	1127.2	18.7
40°-50°	1133.6	18.8
50°-60°	957.0	15.9
60°-70°	614.6	10.2
70°-80°	305.7	5.1
80°-90°	83.8	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°	1810.8	30.0
0°-40°	2937.9	48.7
0°-60°	5028.6	83.4
0°-90°	6032.7	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	6032.7	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2335	2335	2335	2335	2335	
5°	2328	2329	2323	2334	2336	221
15°	2247	2247	2242	2253	2253	634
25°	2076	2076	2072	2076	2075	955
35°	1804	1805	1802	1803	1803	1128
45°	1472	1477	1468	1470	1470	1136
55°	1086	1086	1074	1070	1070	966
65°	638	629	606	600	605	636
75°	292	291	282	279	275	316
85°	72	74	74	70	70	85
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2334.8	2334.8	2334.8	2334.8	*2334.8*
2.5°	*2333.9*	*2334.8*	*2328.7*	*2339.8*	*2341.6*
5°	2328.1	2328.7	2322.8	2333.9	*2335.5*
7.5°	2316.1	2317.0	2311.7	2321.9	*2323.8*
10°	2298.2	2301.0	2294.8	2304.4	*2305.9*
12.5°	2276.3	2277.3	2271.1	2282.2	*2284.0*
15°	2246.8	2247.4	2242.5	2252.6	*2252.6*
17.5°	2212.6	2213.5	2210.1	2218.7	*2217.8*
20°	2171.3	2173.8	2169.5	2175.3	*2178.7*
22.5°	2126.4	2127.3	2122.1	2129.7	*2133.1*
25°	2075.6	2076.2	2072.2	2076.2	*2074.6*
27.5°	2016.1	2017.7	2011.8	2016.1	*2017.0*
30°	1949.9	1954.2	1945.9	1949.3	*1949.9*
32.5°	1878.8	1881.2	1875.4	1876.3	*1880.6*
35°	1804.3	1805.2	1801.8	1803.3	*1803.3*
37.5°	1723.9	1727.3	1722.0	1724.5	*1721.1*
40°	1644.1	1640.7	1638.9	1640.7	*1643.2*
42.5°	1560.1	1561.0	1558.5	1556.7	*1552.7*
45°	1472.0	1477.2	1467.7	1469.5	*1469.5*
47.5°	1385.8	1386.4	1381.4	1376.2	*1372.8*
50°	1293.4	1293.4	1287.2	1283.2	*1278.0*
52.5°	1192.4	1190.8	1184.0	1179.7	*1182.2*
55°	1086.4	1085.5	1073.8	1069.5	*1070.4*
57.5°	970.3	972.2	954.3	950.0	*950.0*
60°	859.5	850.9	830.5	824.7	*832.1*
62.5°	743.1	732.9	711.0	711.0	*716.9*
65°	638.1	628.8	606.0	599.9	*605.1*
67.5°	539.8	531.2	510.3	506.9	*508.4*
70°	446.5	439.1	426.2	418.5	*421.3*
72.5°	366.1	359.4	350.7	344.9	*341.5*
75°	292.2	290.7	281.5	278.7	*275.3*
77.5°	231.3	230.7	223.0	219.6	*216.2*
80°	173.7	172.8	171.2	166.0	*163.5*
82.5°	123.8	123.8	122.9	118.6	*116.1*
85°	72.1	74.5	74.5	70.2	*70.2*
87.5°	28.9	30.5	28.9	28.9	*28.0*
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	15.2	16.8	15.6	17.1	17.4	15.1	16.6	15.4	17.0	17.3
	3H	16.5	17.9	16.9	18.3	18.6	16.3	17.7	16.7	18.0	18.4
	4H	17.0	18.3	17.4	18.7	19.0	16.7	18.1	17.1	18.4	18.8
	6H	17.3	18.5	17.7	18.9	19.3	17.0	18.3	17.4	18.6	19.0
	8H	17.4	18.6	17.8	19.0	19.4	17.1	18.3	17.6	18.7	19.1
	12H	17.5	18.6	17.9	19.0	19.4	17.2	18.3	17.6	18.7	19.1
4H	2H	15.6	17.0	16.0	17.3	17.7	15.5	16.8	15.9	17.2	17.6
	3H	17.2	18.3	17.6	18.7	19.1	17.0	18.1	17.4	18.5	18.9
	4H	17.7	18.7	18.2	19.1	19.6	17.5	18.5	17.9	18.9	19.3
	6H	18.2	19.0	18.6	19.5	19.9	17.9	18.8	18.4	19.2	19.7
	8H	18.3	19.1	18.8	19.6	20.1	18.1	18.9	18.5	19.3	19.8
	12H	18.4	19.2	18.9	19.6	20.1	18.2	18.9	18.7	19.4	19.9
8H	4H	17.9	18.7	18.4	19.2	19.6	17.7	18.5	18.2	19.0	19.4
	6H	18.5	19.2	19.0	19.6	20.1	18.2	18.9	18.7	19.4	19.9
	8H	18.7	19.3	19.2	19.8	20.3	18.5	19.1	19.0	19.6	20.1
	12H	18.9	19.4	19.4	19.9	20.5	18.6	19.2	19.1	19.7	20.2
12H	4H	17.9	18.7	18.4	19.1	19.6	17.7	18.5	18.2	18.9	19.4
	6H	18.5	19.1	19.0	19.6	20.1	18.3	18.9	18.8	19.4	19.9
	8H	18.8	19.3	19.3	19.8	20.4	18.5	19.1	19.1	19.6	20.1

(END OF REPORT)