

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



Scaled data based on original data using
LM-79-2024 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: CORELITE

Report Number: P1439477

Luminaire Tested: CB3-B-125U-055D-935-1D-UNV-STD-W-4

Issue Date: 3/31/2026

Test Information

Test Method: LM-79-2024
Report Number: P1439477
REPORT IS SCALED FROM IESNA LM-79-24 TEST DATA (G2-2405-119-2, G2-2312-242-8)
Test Lab: INNOVATION CENTER
Issue Date: 3/31/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: CB3-B-125U-055D-935-1D-UNV-STD-W-4
Description: CORELITE BASIC SLOT LED LUMINAIRE, BATWING UPLIGHT
3-INCH APERTURE
DOWNLIGHT 550 LUMENS PER FOOT
UPLIGHT 1250 LUMENS PER FOOT
Light Source: 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

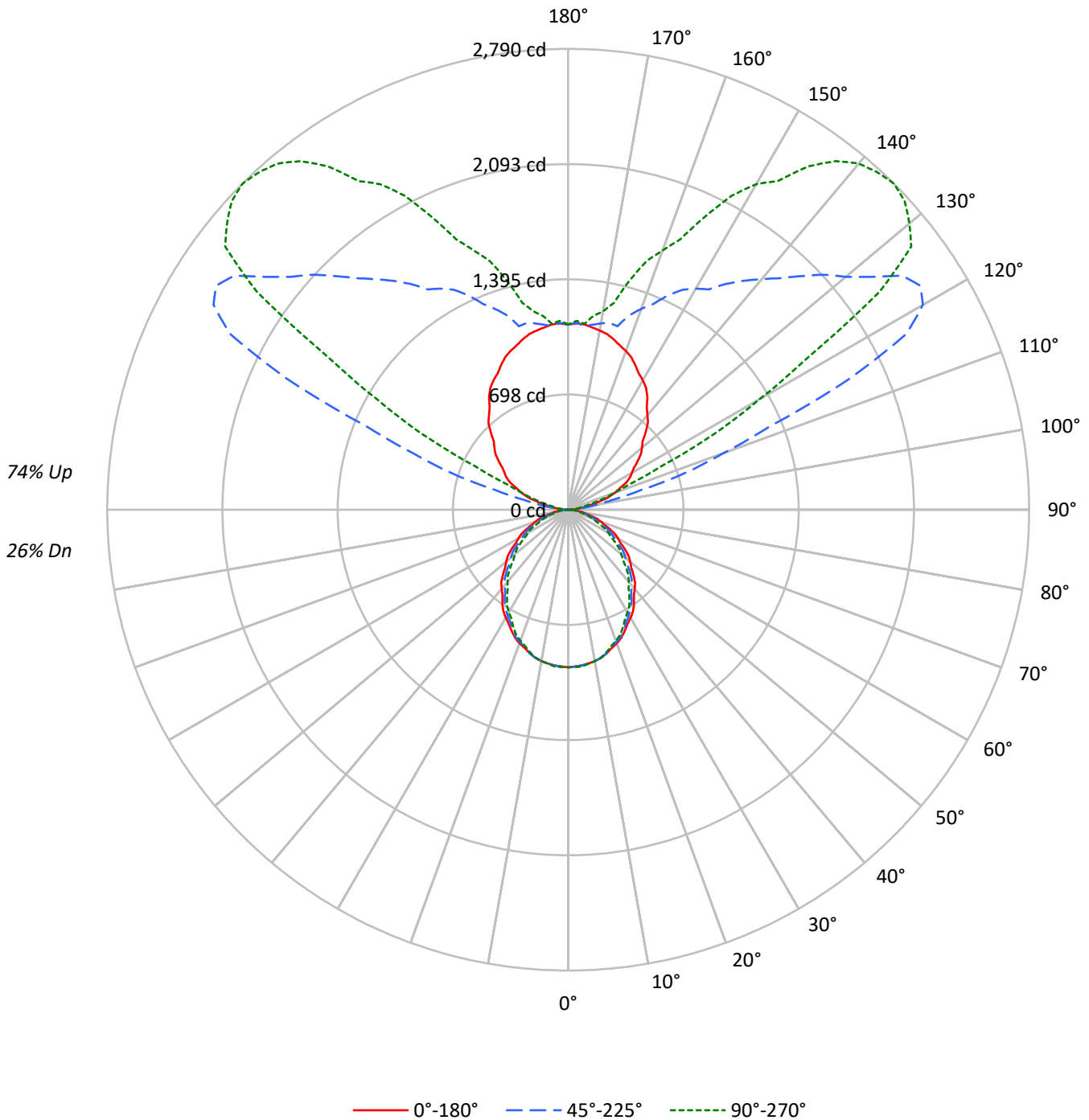
Lumens per Lamp: N/A
Luminaire Lumens: 8877.5 lumens
Efficiency: N/A
Efficacy: 165.0 lumens/watt
Spacing Criteria (0/90/45): 1.18 / 1.13 / 1.26
Luminous Opening: Rectangular (W 0.24' x L: 4' x H: 0')
CIE Type: Semi-Indirect

Input Watts (W): 53.8
Input Voltage (V): 120
Input Current (A_{in}): 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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CATALOG NUMBER: CB3-B-125U-055D-935-1D-UNV-STD-W-4

Luminous Intensity Polar Plot





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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	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	101	101	101	101	90	90	90	90	70	70	70	51	51	51	34	34	34	26
1	92	88	85	81	82	79	76	73	61	59	57	45	44	43	30	29	29	22
2	84	77	71	66	75	69	64	60	54	50	48	40	37	36	27	25	24	18
3	77	68	61	55	68	61	55	50	47	43	40	35	32	30	24	22	21	16
4	70	60	52	47	62	54	47	42	42	38	34	31	28	26	21	19	18	14
5	64	53	46	40	57	48	41	36	38	33	29	28	25	22	19	17	16	12
6	59	48	40	34	53	43	36	31	34	29	25	25	22	20	17	15	14	10
7	55	43	35	30	49	39	32	27	30	26	22	23	20	17	16	14	12	9
8	51	39	31	26	45	35	29	24	28	23	20	21	18	15	14	12	11	8
9	47	35	28	23	42	32	26	21	25	21	17	19	16	14	13	11	10	8
10	44	32	25	21	39	29	23	19	23	19	16	18	14	12	12	10	9	7

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	10800	10800	10800
5°	10748	10756	10817
10°	10701	10686	10686
15°	10538	10538	10473
20°	10366	10260	10170
25°	10105	9977	9800
30°	9857	9600	9370
35°	9597	9242	8913
40°	9252	8810	8431
45°	8938	8428	7908
50°	8615	7970	7398
55°	8263	7528	6914
60°	7884	7072	6366
65°	7440	6551	5788
70°	6931	5941	5157
75°	6282	5215	4595
80°	5480	4372	4066
85°	4219	3700	3700

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 8938 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	90.1	1.0
10°-20°	253.0	2.8
20°-30°	367.6	4.1
30°-40°	417.9	4.7
40°-50°	405.7	4.6
50°-60°	342.5	3.9
60°-70°	243.7	2.7
70°-80°	130.2	1.5
80°-90°	34.4	0.4
90°-100°	75.8	0.9
100°-110°	397.2	4.5
110°-120°	999.8	11.3
120°-130°	1542.5	17.4
130°-140°	1412.0	15.9
140°-150°	1042.1	11.7
150°-160°	664.3	7.5
160°-170°	349.7	3.9
170°-180°	108.9	1.2
0°-30°	710.6	8.0
0°-40°	1128.6	12.7
0°-60°	1876.8	21.1
0°-90°	2285.1	25.7
90°-120°	1472.8	16.6
90°-150°	5469.5	61.6
90°-180°	6592.0	74.3
0°-180°	8877.5	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	954	954	954	954	954	
5°	946	958	947	946	952	90
15°	900	908	900	894	894	253
25°	809	812	799	788	785	373
35°	695	688	669	649	645	433
45°	559	550	527	502	494	431
55°	419	408	382	357	350	375
65°	278	268	245	223	216	275
75°	144	136	119	107	105	153
85°	32	30	28	28	28	39
90°	0	0	0	0	0	3
95°	40	112	44	25	25	50
105°	202	627	454	187	153	216
115°	385	786	1886	820	622	375
125°	514	794	2469	2489	2301	459
135°	662	884	2000	2727	2790	511
145°	834	965	1669	2321	2538	519
155°	963	1035	1432	1772	1955	444
165°	1066	1096	1150	1345	1437	301
175°	1126	1150	1116	1121	1131	107
180°	1121	1121	1121	1121	1121	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	954.5	954.5	954.5	954.5	954.5
2.5°	949.6	959.1	950.7	951.8	953.9
5°	946.3	958.3	947.0	945.8	952.4
7.5°	939.0	949.9	938.2	935.5	941.4
10°	931.4	943.3	930.1	926.7	930.1
12.5°	917.9	930.3	919.8	914.3	917.0
15°	899.6	907.5	899.6	894.1	894.1
17.5°	877.2	885.5	870.5	866.7	865.3
20°	860.9	868.2	852.1	846.6	844.6
22.5°	839.2	846.0	832.6	823.3	820.8
25°	809.4	812.0	799.2	788.3	785.0
27.5°	779.4	780.1	762.5	749.2	744.9
30°	754.5	755.1	734.8	720.5	717.2
32.5°	729.5	727.5	708.3	691.3	689.0
35°	694.8	688.2	669.1	649.3	645.3
37.5°	652.9	649.0	626.4	606.6	600.6
40°	626.4	619.7	596.5	576.7	570.8
42.5°	599.8	592.1	568.3	546.4	539.9
45°	558.6	550.0	526.7	501.5	494.2
47.5°	517.1	507.7	482.1	457.7	449.6
50°	489.4	479.5	452.8	428.9	420.3
52.5°	461.2	450.8	424.1	399.7	392.6
55°	418.9	407.7	381.6	357.1	350.5
57.5°	376.6	365.5	339.6	316.4	308.4
60°	348.4	337.8	312.5	289.3	281.3
62.5°	319.7	309.6	284.8	262.2	254.7
65°	277.9	268.0	244.7	222.9	216.2
67.5°	236.6	228.1	205.1	185.1	179.8
70°	209.5	201.5	179.6	161.2	155.9
72.5°	183.4	175.0	154.2	138.5	134.8
75°	143.7	135.8	119.3	107.1	105.1
77.5°	107.4	100.9	86.6	79.7	78.6
80°	84.1	78.1	67.1	62.4	62.4
82.5°	62.4	57.5	50.3	48.3	48.3
85°	32.5	29.9	28.5	28.5	28.5
87.5°	9.8	9.8	9.2	8.7	8.7
90°	0.0	0.0	0.0	0.0	0.0
92.5°	11.9	27.3	7.9	4.0	7.9
95°	39.5	111.9	44.4	24.7	24.7
97.5°	82.0	250.0	114.6	61.1	55.3
100°	113.6	355.0	177.8	88.7	79.0
102.5°	149.1	460.0	268.6	120.1	102.7
105°	202.4	627.3	454.3	186.9	153.1
107.5°	261.7	741.6	748.5	288.1	232.1
110°	301.2	788.8	997.4	378.2	291.3



TEST NUMBER: P1439477

CATALOG NUMBER: CB3-B-125U-055D-935-1D-UNV-STD-W-4

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	336.7	801.2	1329.2	515.8	398.0
115°	385.1	785.8	1886.1	820.1	622.1
117.5°	420.7	748.0	2308.8	1304.6	1006.3
120°	444.4	748.5	2478.6	1671.2	1338.1
122.5°	472.0	753.0	2526.0	2035.2	1729.1
125°	513.5	793.5	2468.8	2489.2	2300.9
127.5°	555.0	823.4	2314.7	2675.8	2616.9
130°	582.6	843.3	2192.3	2739.3	2695.9
132.5°	610.3	863.3	2105.4	2740.8	2763.0
135°	661.6	883.7	1999.7	2726.9	2789.7
137.5°	714.0	909.0	1900.9	2640.6	2770.9
140°	745.6	929.0	1821.9	2547.1	2735.4
142.5°	781.1	945.3	1746.9	2460.5	2660.3
145°	834.4	964.8	1668.9	2320.6	2537.9
147.5°	875.9	975.4	1581.0	2179.6	2359.2
150°	903.6	976.0	1545.4	2054.1	2276.2
152.5°	927.3	995.8	1502.0	1939.1	2141.9
155°	962.8	1035.2	1431.9	1771.8	1955.3
157.5°	998.4	1067.9	1348.9	1647.0	1771.6
160°	1022.1	1080.0	1293.6	1586.8	1668.9
162.5°	1041.8	1092.0	1234.4	1484.4	1578.0
165°	1066.5	1095.5	1150.4	1345.1	1436.8
167.5°	1089.2	1103.7	1157.4	1208.4	1282.8
170°	1101.1	1115.6	1145.5	1195.4	1219.6
172.5°	1112.9	1135.1	1129.7	1163.7	1184.0
175°	1125.8	1149.9	1115.9	1121.0	1130.7
177.5°	1128.7	1140.3	1132.7	1132.9	1144.5
180°	1120.8	1120.8	1120.8	1120.8	1120.8



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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	12.58	13.25	13.72	14.38	15.96	11.50	12.18	12.64	13.31	14.89
	3H	14.23	14.83	15.38	15.97	17.57	12.90	13.50	14.05	14.64	16.24
	4H	14.85	15.43	16.01	16.57	18.17	13.41	13.98	14.57	15.12	16.72
	6H	15.23	15.76	16.40	16.90	18.51	13.72	14.24	14.88	15.39	17.00
	8H	15.36	15.86	16.53	17.02	18.62	13.84	14.34	15.00	15.49	17.10
	12H	15.42	15.90	16.60	17.05	18.67	13.90	14.38	15.08	15.53	17.16
4H	2H	12.96	13.54	14.13	14.68	16.28	12.11	12.68	13.27	13.82	15.42
	3H	14.84	15.31	16.01	16.48	18.09	13.71	14.18	14.88	15.35	16.96
	4H	15.58	16.02	16.75	17.17	18.80	14.31	14.75	15.48	15.90	17.53
	6H	16.07	16.45	17.25	17.62	19.24	14.71	15.08	15.89	16.26	17.88
	8H	16.26	16.61	17.43	17.78	19.41	14.87	15.23	16.05	16.39	18.03
	12H	16.35	16.66	17.54	17.84	19.49	14.97	15.29	16.16	16.47	18.11
8H	4H	15.69	16.04	16.87	17.21	18.85	14.55	14.90	15.73	16.07	17.71
	6H	16.30	16.59	17.50	17.80	19.44	15.07	15.36	16.27	16.57	18.21
	8H	16.58	16.83	17.78	18.02	19.67	15.33	15.58	16.53	16.76	18.42
	12H	16.73	16.95	17.94	18.14	19.83	15.49	15.71	16.70	16.90	18.59
12H	4H	15.66	15.97	16.85	17.15	18.80	14.55	14.86	15.74	16.04	17.69
	6H	16.32	16.57	17.52	17.76	19.41	15.13	15.38	16.33	16.57	18.22
	8H	16.61	16.83	17.82	18.02	19.70	15.40	15.62	16.61	16.81	18.50