

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: P1439491

Luminaire Tested: CB3-B-125U-120D-930-1D-UNV-STD-W-4

Issue Date: 3/31/2026

Test Information

Test Method: LM-79-2024
Report Number: P1439491
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-120D-930-1D-UNV-STD-W-4
Description: CORELITE BASIC SLOT LED LUMINAIRE, BATWING UPLIGHT
3-INCH APERTURE
DOWNLIGHT 1200 LUMENS PER FOOT
UPLIGHT 1250 LUMENS PER FOOT
Light Source: 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

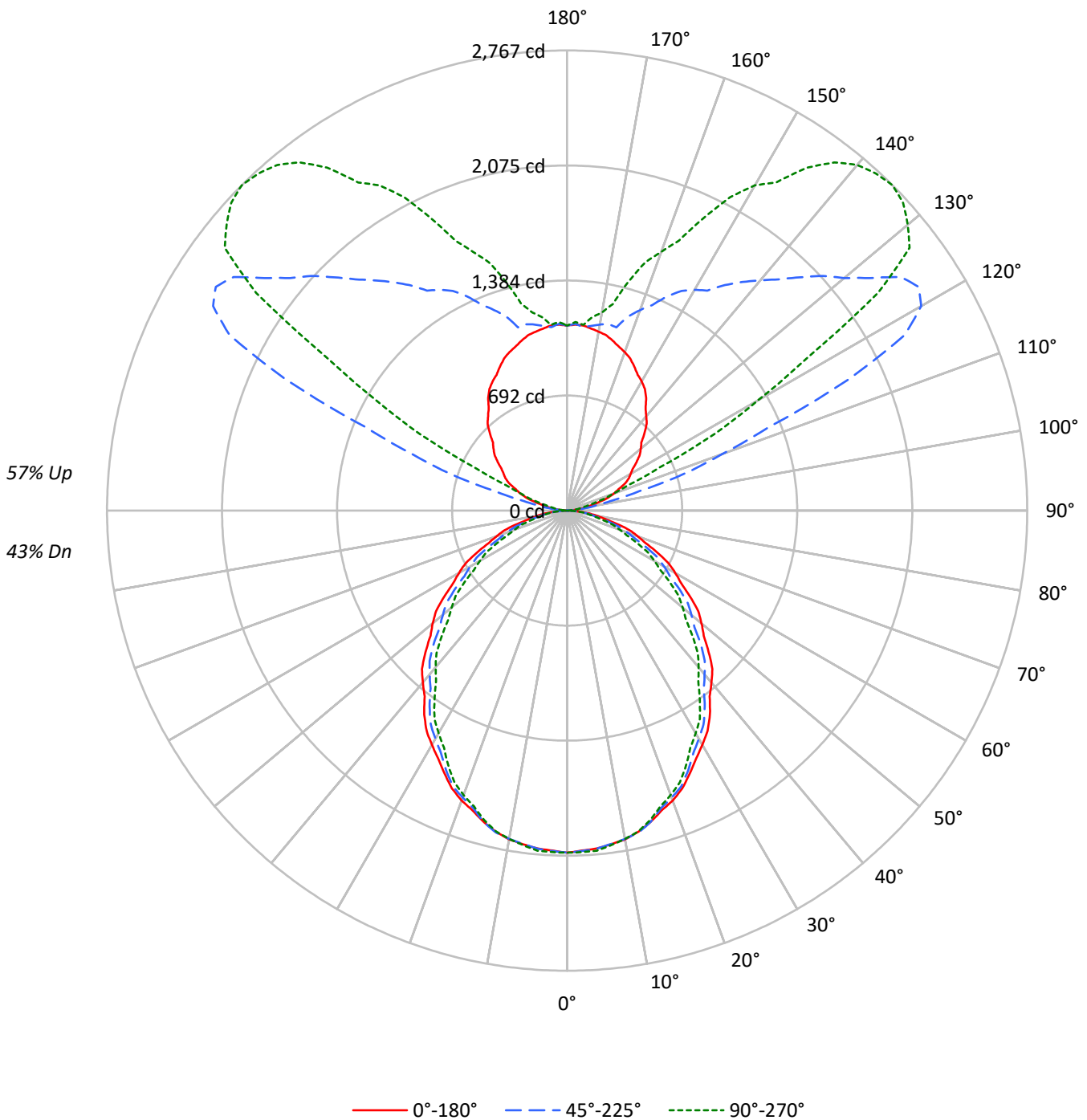
Lumens per Lamp: N/A
Luminaire Lumens: 11463.3 lumens
Efficiency: N/A
Efficacy: 152.0 lumens/watt
Spacing Criteria (0/90/45): 1.18 / 1.13 / 1.26
Luminous Opening: Rectangular (W 0.24' x L: 4' x H: 0')
CIE Type: General Diffuse

Input Watts (W): 75.4
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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Luminous Intensity Polar Plot





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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	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	50	30	10	50	30	10	50	30	10	0																			
RCR																																														
0	105	105	105	105	96	96	96	96	79	79	79	64	64	64	50	50	50	43																												
1	96	92	88	85	88	84	81	78	70	68	65	56	55	53	44	43	42	37																												
2	88	81	75	70	80	74	69	64	61	58	54	50	47	45	39	37	36	31																												
3	80	71	64	58	73	65	59	54	54	50	46	44	41	38	35	32	31	26																												
4	73	63	55	49	67	58	51	46	48	43	39	39	36	33	31	29	26	23																												
5	67	56	48	42	61	52	45	39	43	38	34	35	31	28	28	25	23	20																												
6	62	50	42	37	57	46	39	34	39	34	30	32	28	25	25	23	20	17																												
7	57	45	38	32	52	42	35	30	35	30	26	29	25	22	23	20	18	16																												
8	53	41	34	28	49	38	31	27	32	27	23	27	23	20	21	19	16	14																												
9	50	38	30	25	45	35	28	24	30	24	21	25	21	18	20	17	15	13																												
10	46	34	27	23	42	32	26	21	27	22	19	23	19	16	18	16	13	11																												

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	23274	23274	23274
5°	23164	23180	23313
10°	23062	23029	23029
15°	22709	22709	22572
20°	22340	22112	21918
25°	21778	21503	21121
30°	21244	20691	20194
35°	20684	19916	19210
40°	19938	18988	18169
45°	19262	18163	17041
50°	18567	17178	15944
55°	17811	16225	14899
60°	16992	15241	13720
65°	16037	14120	12476
70°	14933	12806	11115
75°	13539	11239	9897
80°	11807	9422	8757
85°	9100	7971	7971

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 19262 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	194.1	1.7
10°-20°	545.3	4.8
20°-30°	792.2	6.9
30°-40°	900.7	7.9
40°-50°	874.3	7.6
50°-60°	738.2	6.4
60°-70°	525.2	4.6
70°-80°	280.6	2.4
80°-90°	74.1	0.6
90°-100°	75.2	0.7
100°-110°	394.0	3.4
110°-120°	991.7	8.7
120°-130°	1529.9	13.3
130°-140°	1400.5	12.2
140°-150°	1033.6	9.0
150°-160°	658.9	5.7
160°-170°	346.9	3.0
170°-180°	108.0	0.9
0°-30°	1531.5	13.4
0°-40°	2432.2	21.2
0°-60°	4044.8	35.3
0°-90°	4924.7	43.0
90°-120°	1460.8	12.7
90°-150°	5424.8	47.3
90°-180°	6539.0	57.0
0°-180°	11463.3	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2057	2057	2057	2057	2057	
5°	2040	2065	2041	2038	2053	194
15°	1939	1956	1939	1927	1927	546
25°	1744	1750	1722	1699	1692	804
35°	1498	1483	1442	1399	1391	933
45°	1204	1185	1135	1081	1065	929
55°	903	879	822	770	755	807
65°	599	578	527	480	466	593
75°	310	293	257	231	226	330
85°	70	64	61	61	61	83
90°	0	0	0	0	0	4
95°	39	111	44	24	24	50
105°	201	622	450	185	152	214
115°	382	779	1871	813	617	372
125°	509	787	2449	2469	2282	456
135°	656	876	1983	2705	2767	507
145°	828	957	1655	2302	2517	514
155°	955	1027	1420	1757	1939	440
165°	1058	1086	1141	1334	1425	298
175°	1117	1140	1107	1112	1122	106
180°	1112	1112	1112	1112	1112	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2057.0	2057.0	2057.0	2057.0	2057.0
2.5°	2046.5	2067.1	2048.8	2051.3	2055.8
5°	2039.5	2065.2	2040.9	2038.3	2052.6
7.5°	2023.7	2047.1	2021.9	2016.1	2029.0
10°	2007.3	2033.0	2004.4	1997.3	2004.4
12.5°	1978.1	2005.0	1982.2	1970.4	1976.4
15°	1938.7	1955.8	1938.7	1927.0	1927.0
17.5°	1890.5	1908.5	1876.1	1867.9	1864.7
20°	1855.4	1871.1	1836.4	1824.6	1820.3
22.5°	1808.6	1823.2	1794.3	1774.3	1768.9
25°	1744.4	1750.1	1722.4	1698.9	1691.8
27.5°	1679.8	1681.2	1643.3	1614.7	1605.3
30°	1626.0	1627.5	1583.7	1552.8	1545.7
32.5°	1572.3	1568.0	1526.4	1489.8	1484.9
35°	1497.5	1483.2	1441.9	1399.4	1390.8
37.5°	1407.2	1398.6	1349.9	1307.2	1294.4
40°	1349.9	1335.6	1285.6	1243.0	1230.1
42.5°	1292.6	1276.1	1224.9	1177.5	1163.5
45°	1203.8	1185.2	1135.1	1080.7	1065.0
47.5°	1114.4	1094.1	1039.0	986.3	968.9
50°	1054.8	1033.4	975.9	924.4	905.8
52.5°	994.0	971.5	914.0	861.3	846.2
55°	902.9	878.6	822.5	769.6	755.3
57.5°	811.7	787.7	731.9	681.9	664.7
60°	750.9	728.1	673.5	623.4	606.3
62.5°	689.0	667.3	613.9	565.0	549.0
65°	599.0	577.6	527.4	480.3	466.0
67.5°	509.9	491.6	442.1	398.9	387.4
70°	451.4	434.3	387.1	347.4	336.0
72.5°	395.3	377.0	332.2	298.4	290.4
75°	309.7	292.6	257.1	230.7	226.4
77.5°	231.4	217.4	186.7	171.8	169.5
80°	181.2	168.3	144.6	134.4	134.4
82.5°	134.4	123.8	108.4	104.0	104.0
85°	70.1	64.4	61.4	61.4	61.4
87.5°	21.0	21.0	19.9	18.7	18.7
90°	0.0	0.0	0.0	0.0	0.0
92.5°	11.8	27.1	7.8	4.0	7.8
95°	39.2	111.0	44.1	24.5	24.5
97.5°	81.3	247.9	113.6	60.6	54.8
100°	112.6	352.1	176.3	87.9	78.4
102.5°	147.9	456.3	266.4	119.1	101.9
105°	200.8	622.2	450.5	185.3	151.8
107.5°	259.6	735.5	742.4	285.7	230.2
110°	298.7	782.4	989.2	375.1	288.9



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	334.0	794.6	1318.3	511.6	394.7
115°	382.0	779.4	1870.7	813.4	617.1
117.5°	417.2	741.9	2289.9	1294.0	998.1
120°	440.8	742.4	2458.4	1657.6	1327.2
122.5°	468.2	746.9	2505.4	2018.6	1715.0
125°	509.3	787.0	2448.6	2468.9	2282.1
127.5°	550.4	816.7	2295.8	2654.0	2595.5
130°	577.9	836.4	2174.4	2717.0	2673.9
132.5°	605.3	856.2	2088.2	2718.5	2740.5
135°	656.2	876.5	1983.4	2704.7	2766.9
137.5°	708.1	901.6	1885.4	2619.0	2748.3
140°	739.5	921.4	1807.1	2526.3	2713.1
142.5°	774.7	937.5	1732.6	2440.4	2638.6
145°	827.6	956.9	1655.3	2301.7	2517.2
147.5°	868.8	967.4	1568.1	2161.8	2339.9
150°	896.2	968.0	1532.8	2037.4	2257.6
152.5°	919.7	987.7	1489.7	1923.3	2124.4
155°	955.0	1026.8	1420.2	1757.3	1939.3
157.5°	990.2	1059.2	1337.9	1633.6	1757.1
160°	1013.7	1071.2	1283.1	1573.9	1655.3
162.5°	1033.3	1083.1	1224.3	1472.3	1565.2
165°	1057.8	1086.5	1141.1	1334.1	1425.1
167.5°	1080.3	1094.7	1147.9	1198.6	1272.3
170°	1092.1	1106.4	1136.2	1185.7	1209.6
172.5°	1103.8	1125.9	1120.5	1154.2	1174.4
175°	1116.6	1140.5	1106.8	1111.9	1121.5
177.5°	1119.5	1131.0	1123.4	1123.7	1135.2
180°	1111.7	1111.7	1111.7	1111.7	1111.7



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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	17.39	18.19	18.41	19.21	20.58	16.32	17.11	17.33	18.13	19.50
	3H	19.06	19.77	20.08	20.80	22.19	17.72	18.43	18.75	19.47	20.86
	4H	19.68	20.36	20.72	21.39	22.79	18.24	18.91	19.28	19.95	21.34
	6H	20.07	20.68	21.12	21.72	23.13	18.55	19.17	19.60	20.21	21.62
	8H	20.20	20.79	21.26	21.85	23.25	18.67	19.26	19.73	20.32	21.72
	12H	20.27	20.82	21.32	21.87	23.30	18.75	19.31	19.81	20.36	21.79
4H	2H	17.79	18.47	18.84	19.50	20.90	16.94	17.61	17.98	18.64	20.04
	3H	19.68	20.24	20.73	21.30	22.71	18.55	19.11	19.60	20.17	21.58
	4H	20.42	20.94	21.48	21.99	23.42	19.15	19.66	20.21	20.72	22.15
	6H	20.92	21.36	21.99	22.44	23.87	19.56	20.00	20.63	21.08	22.51
	8H	21.11	21.52	22.18	22.59	24.04	19.73	20.14	20.80	21.21	22.65
	12H	21.21	21.58	22.29	22.66	24.11	19.83	20.20	20.92	21.29	22.74
8H	4H	20.55	20.96	21.62	22.03	23.47	19.41	19.82	20.48	20.89	22.33
	6H	21.16	21.50	22.26	22.62	24.06	19.93	20.27	21.03	21.39	22.83
	8H	21.44	21.74	22.54	22.83	24.29	20.19	20.48	21.29	21.58	23.04
	12H	21.60	21.86	22.70	22.95	24.45	20.36	20.62	21.46	21.71	23.21
12H	4H	20.52	20.89	21.61	21.97	23.42	19.41	19.78	20.50	20.86	22.31
	6H	21.18	21.48	22.28	22.57	24.03	19.99	20.29	21.09	21.38	22.84
	8H	21.48	21.74	22.58	22.83	24.33	20.27	20.53	21.37	21.62	23.12