

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: P1439468

Luminaire Tested: CB3-B-125U-030D-930-1D-UNV-STD-W-8

Issue Date: 3/31/2026

**Test Information**

Test Method: LM-79-2024  
Report Number: P1439468  
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-030D-930-1D-UNV-STD-W-8  
Description: CORELITE BASIC SLOT LED LUMINAIRE, BATWING UPLIGHT  
3-INCH APERTURE  
DOWNLIGHT 300 LUMENS PER FOOT  
UPLIGHT 1250 LUMENS PER FOOT  
Light Source: 3000K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

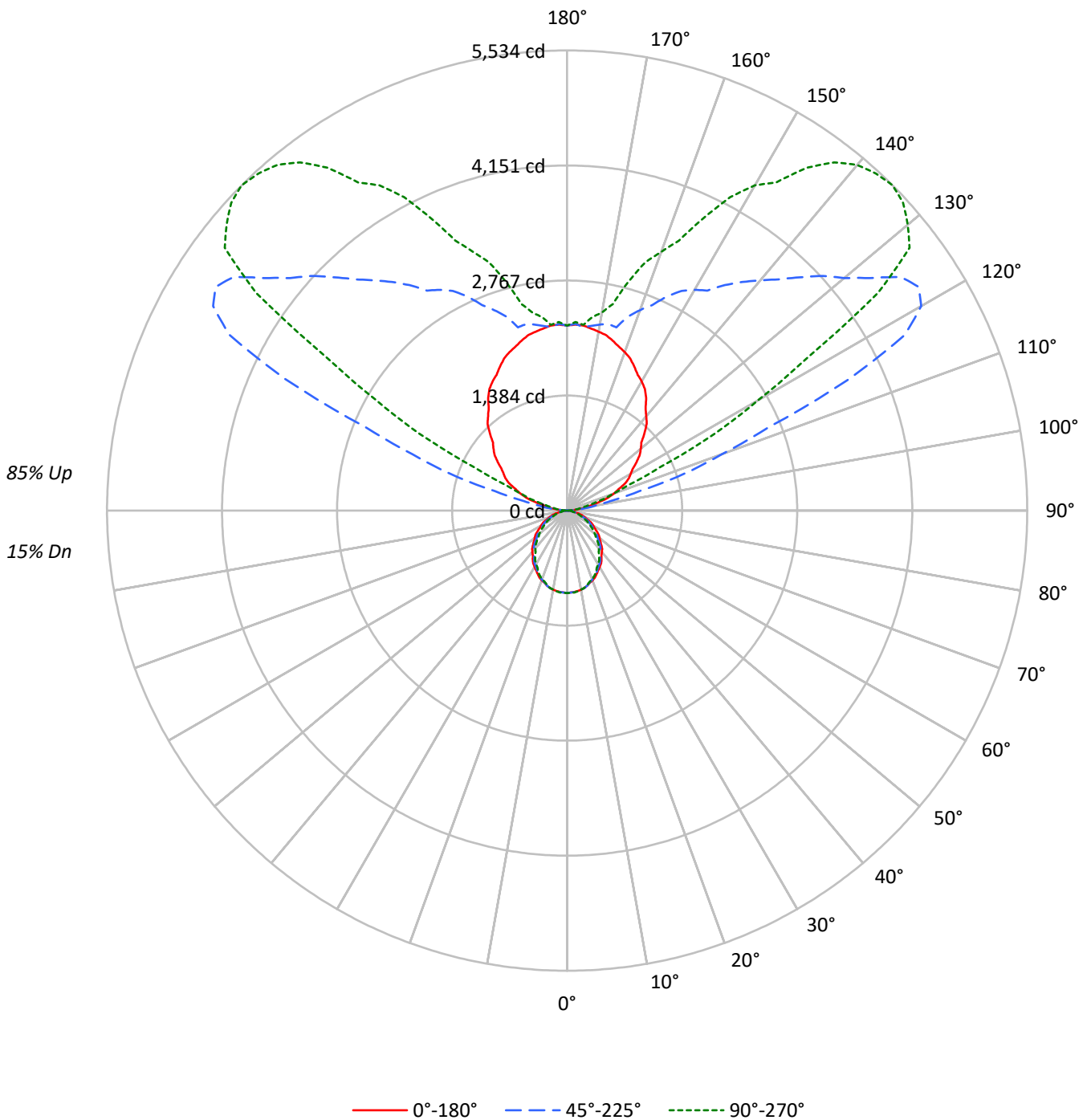
Lumens per Lamp: N/A  
Luminaire Lumens: 15450.0 lumens  
Efficiency: N/A  
Efficacy: 141.4 lumens/watt  
Spacing Criteria (0/90/45): 1.18 / 1.13 / 1.26  
Luminous Opening: Rectangular (W 0.24' x L: 8' x H: 0')  
CIE Type: Semi-Indirect

Input Watts (W): 109.3  
Input Voltage (V): 120  
Input Current (A<sub>in</sub>): 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	0														
RCR																																						
0	99	99	99	99	87	87	87	87	64	64	64	43	43	43	24	24	24	15																				
1	90	86	82	79	79	76	73	70	56	54	52	38	37	36	21	21	21	13																				
2	82	75	69	65	72	66	61	57	49	46	43	33	32	30	19	18	17	11																				
3	75	66	59	54	65	58	52	48	43	40	36	30	27	25	17	16	15	9																				
4	68	58	51	45	60	51	45	40	38	34	31	26	24	22	15	14	13	8																				
5	63	52	44	38	55	46	39	34	34	30	26	23	21	19	14	12	11	7																				
6	57	46	39	33	50	41	34	30	31	26	23	21	18	16	12	11	10	6																				
7	53	41	34	29	46	37	30	26	28	23	20	19	16	14	11	10	9	6																				
8	49	37	30	25	43	33	27	23	25	21	18	17	15	13	10	9	8	5																				
9	45	34	27	22	40	30	24	20	23	19	16	16	13	11	9	8	7	5																				
10	42	31	24	20	37	27	22	18	21	17	14	15	12	10	9	7	6	4																				

**AVERAGE LUMINANCE (cd/sqm):**

	0°	45°	90°
0°	5607	5607	5607
5°	5580	5584	5616
10°	5556	5548	5548
15°	5471	5471	5438
20°	5382	5327	5280
25°	5247	5180	5088
30°	5118	4984	4865
35°	4983	4798	4628
40°	4803	4574	4377
45°	4640	4376	4105
50°	4473	4138	3841
55°	4290	3909	3589
60°	4094	3672	3305
65°	3863	3401	3005
70°	3598	3085	2678
75°	3261	2708	2385
80°	2844	2271	2111
85°	2194	1921	1921

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 4640 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	93.5	0.6
10°-20°	262.7	1.7
20°-30°	381.7	2.5
30°-40°	434.0	2.8
40°-50°	421.3	2.7
50°-60°	355.7	2.3
60°-70°	253.1	1.6
70°-80°	135.2	0.9
80°-90°	35.7	0.2
90°-100°	150.4	1.0
100°-110°	787.9	5.1
110°-120°	1983.3	12.8
120°-130°	3059.8	19.8
130°-140°	2801.1	18.1
140°-150°	2067.2	13.4
150°-160°	1317.8	8.5
160°-170°	693.7	4.5
170°-180°	216.0	1.4
0°-30°	737.9	4.8
0°-40°	1171.9	7.6
0°-60°	1948.8	12.6
0°-90°	2372.8	15.4
90°-120°	2921.6	18.9
90°-150°	10849.7	70.2
90°-180°	13077.0	84.6
0°-180°	15450.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	991	991	991	991	991	
5°	983	995	983	982	989	93
15°	934	942	934	928	928	263
25°	840	843	830	819	815	387
35°	722	715	695	674	670	450
45°	580	571	547	521	513	447
55°	435	423	396	371	364	389
65°	289	278	254	231	224	286
75°	149	141	124	111	109	159
85°	34	31	30	30	30	40
90°	0	0	0	0	0	5
95°	78	222	88	49	49	99
105°	402	1244	901	371	304	429
115°	764	1559	3742	1627	1234	744
125°	1019	1574	4897	4938	4564	911
135°	1312	1753	3967	5409	5534	1014
145°	1655	1914	3310	4603	5034	1029
155°	1910	2054	2840	3515	3879	881
165°	2116	2173	2282	2668	2850	596
175°	2233	2281	2214	2224	2243	211
180°	2223	2223	2223	2223	2223	

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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	991.1	991.1	991.1	991.1	991.1
2.5°	986.0	995.9	987.1	988.3	990.5
5°	982.6	995.0	983.3	982.1	989.0
7.5°	975.0	986.3	974.2	971.4	977.6
10°	967.2	979.5	965.7	962.3	965.7
12.5°	953.1	966.0	955.1	949.3	952.2
15°	934.1	942.3	934.1	928.4	928.4
17.5°	910.8	919.5	903.9	900.0	898.5
20°	894.0	901.5	884.8	879.1	877.1
22.5°	871.4	878.4	864.5	854.9	852.3
25°	840.5	843.2	829.9	818.6	815.1
27.5°	809.3	810.0	791.7	778.0	773.4
30°	783.4	784.1	763.0	748.2	744.7
32.5°	757.5	755.5	735.4	717.8	715.4
35°	721.5	714.6	694.7	674.2	670.1
37.5°	678.0	673.9	650.4	629.8	623.7
40°	650.4	643.5	619.4	598.9	592.7
42.5°	622.8	614.8	590.1	567.3	560.6
45°	580.0	571.1	546.9	520.7	513.1
47.5°	536.9	527.2	500.6	475.2	466.8
50°	508.2	497.9	470.2	445.4	436.4
52.5°	478.9	468.1	440.4	415.0	407.7
55°	435.0	423.3	396.3	370.8	363.9
57.5°	391.1	379.5	352.7	328.5	320.3
60°	361.8	350.8	324.5	300.4	292.1
62.5°	332.0	321.5	295.8	272.2	264.5
65°	288.6	278.3	254.1	231.4	224.5
67.5°	245.7	236.9	213.0	192.2	186.7
70°	217.5	209.2	186.5	167.4	161.9
72.5°	190.5	181.7	160.1	143.8	139.9
75°	149.2	141.0	123.9	111.2	109.1
77.5°	111.5	104.8	90.0	82.8	81.7
80°	87.3	81.1	69.7	64.8	64.8
82.5°	64.8	59.7	52.2	50.1	50.1
85°	33.8	31.0	29.6	29.6	29.6
87.5°	10.1	10.1	9.6	9.0	9.0
90°	0.0	0.0	0.0	0.0	0.0
92.5°	23.5	54.2	15.7	8.0	15.7
95°	78.4	222.0	88.2	49.0	49.0
97.5°	162.6	495.9	227.2	121.2	109.7
100°	225.3	704.1	352.6	175.9	156.7
102.5°	295.8	912.5	532.8	238.2	203.7
105°	401.6	1244.3	901.1	370.7	303.6
107.5°	519.1	1471.0	1484.8	571.4	460.3
110°	597.5	1564.7	1978.5	750.3	577.9



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
112.5°	668.0	1589.3	2636.7	1023.1	789.4
115°	764.0	1558.8	3741.5	1626.8	1234.1
117.5°	834.5	1483.8	4579.9	2588.0	1996.1
120°	881.5	1484.8	4916.8	3315.1	2654.3
122.5°	936.4	1493.7	5010.9	4037.2	3430.0
125°	1018.6	1574.1	4897.2	4937.7	4564.2
127.5°	1100.9	1633.4	4591.7	5307.9	5191.1
130°	1155.7	1672.9	4348.7	5434.0	5347.8
132.5°	1210.6	1712.4	4176.4	5436.9	5481.0
135°	1312.5	1753.0	3966.8	5409.4	5533.9
137.5°	1416.3	1803.2	3770.9	5238.1	5496.7
140°	1479.0	1842.9	3614.2	5052.6	5426.1
142.5°	1549.5	1875.1	3465.3	4880.8	5277.3
145°	1655.3	1913.8	3310.5	4603.4	5034.4
147.5°	1737.5	1934.8	3136.2	4323.5	4679.8
150°	1792.4	1936.0	3065.7	4074.7	4515.3
152.5°	1839.4	1975.4	2979.5	3846.6	4248.8
155°	1909.9	2053.6	2840.4	3514.7	3878.6
157.5°	1980.4	2118.3	2675.9	3267.2	3514.3
160°	2027.5	2142.4	2566.2	3147.7	3310.5
162.5°	2066.6	2166.2	2448.6	2944.5	3130.3
165°	2115.6	2173.1	2282.1	2668.2	2850.2
167.5°	2160.7	2189.4	2295.8	2397.1	2544.6
170°	2184.2	2212.9	2272.3	2371.4	2419.2
172.5°	2207.7	2251.7	2241.0	2308.5	2348.7
175°	2233.1	2281.0	2213.6	2223.8	2242.9
177.5°	2239.0	2262.0	2246.9	2247.4	2270.4
180°	2223.3	2223.3	2223.3	2223.3	2223.3



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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	8.30	8.92	9.51	10.10	11.80	7.23	7.84	8.43	9.02	10.72
	3H	9.95	10.50	11.17	11.69	13.40	8.62	9.17	9.83	10.36	12.07
	4H	10.57	11.09	11.79	12.28	13.99	9.13	9.65	10.35	10.84	12.55
	6H	10.94	11.42	12.17	12.62	14.34	9.43	9.91	10.66	11.10	12.82
	8H	11.07	11.53	12.30	12.74	14.45	9.55	10.00	10.78	11.21	12.92
	12H	11.13	11.56	12.36	12.77	14.50	9.61	10.05	10.85	11.25	12.98
4H	2H	8.68	9.20	9.91	10.39	12.10	7.82	8.35	9.05	9.54	11.25
	3H	10.55	10.98	11.78	12.20	13.92	9.42	9.85	10.65	11.07	12.79
	4H	11.29	11.69	12.52	12.89	14.63	10.01	10.42	11.25	11.62	13.36
	6H	11.77	12.12	13.01	13.34	15.07	10.41	10.76	11.65	11.98	13.71
	8H	11.96	12.28	13.19	13.50	15.24	10.58	10.90	11.81	12.11	13.86
	12H	12.05	12.34	13.29	13.56	15.31	10.67	10.96	11.92	12.19	13.94
8H	4H	11.40	11.72	12.63	12.93	14.68	10.26	10.58	11.49	11.79	13.54
	6H	12.01	12.27	13.26	13.53	15.27	10.78	11.04	12.03	12.30	14.04
	8H	12.28	12.51	13.53	13.74	15.50	11.03	11.25	12.28	12.49	14.25
	12H	12.43	12.63	13.69	13.86	15.65	11.19	11.39	12.45	12.62	14.41
12H	4H	11.36	11.65	12.60	12.87	14.62	10.25	10.54	11.49	11.76	13.51
	6H	12.02	12.25	13.27	13.48	15.24	10.83	11.06	12.09	12.29	14.05
	8H	12.31	12.51	13.57	13.74	15.53	11.10	11.30	12.36	12.53	14.32