

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: P1439335

Luminaire Tested: CB3-125U-055D-930-1D-UNV-STD-W-4

Issue Date: 3/31/2026

Test Information

Test Method: LM-79-2024
Report Number: P1439335
REPORT IS SCALED FROM IESNA LM-79-24 TEST DATA (G2-2506-466-2, G2-2312-242-8)
Test Lab: INNOVATION CENTER
Issue Date: 3/31/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: CB3-125U-055D-930-1D-UNV-STD-W-4
Description: CORELITE BASIC SLOT LED LUMINAIRE, OPEN UPLIGHT
3-INCH APERTURE
DOWNLIGHT 550 LUMENS PER FOOT
UPLIGHT 1250 LUMENS PER FOOT
Light Source: 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

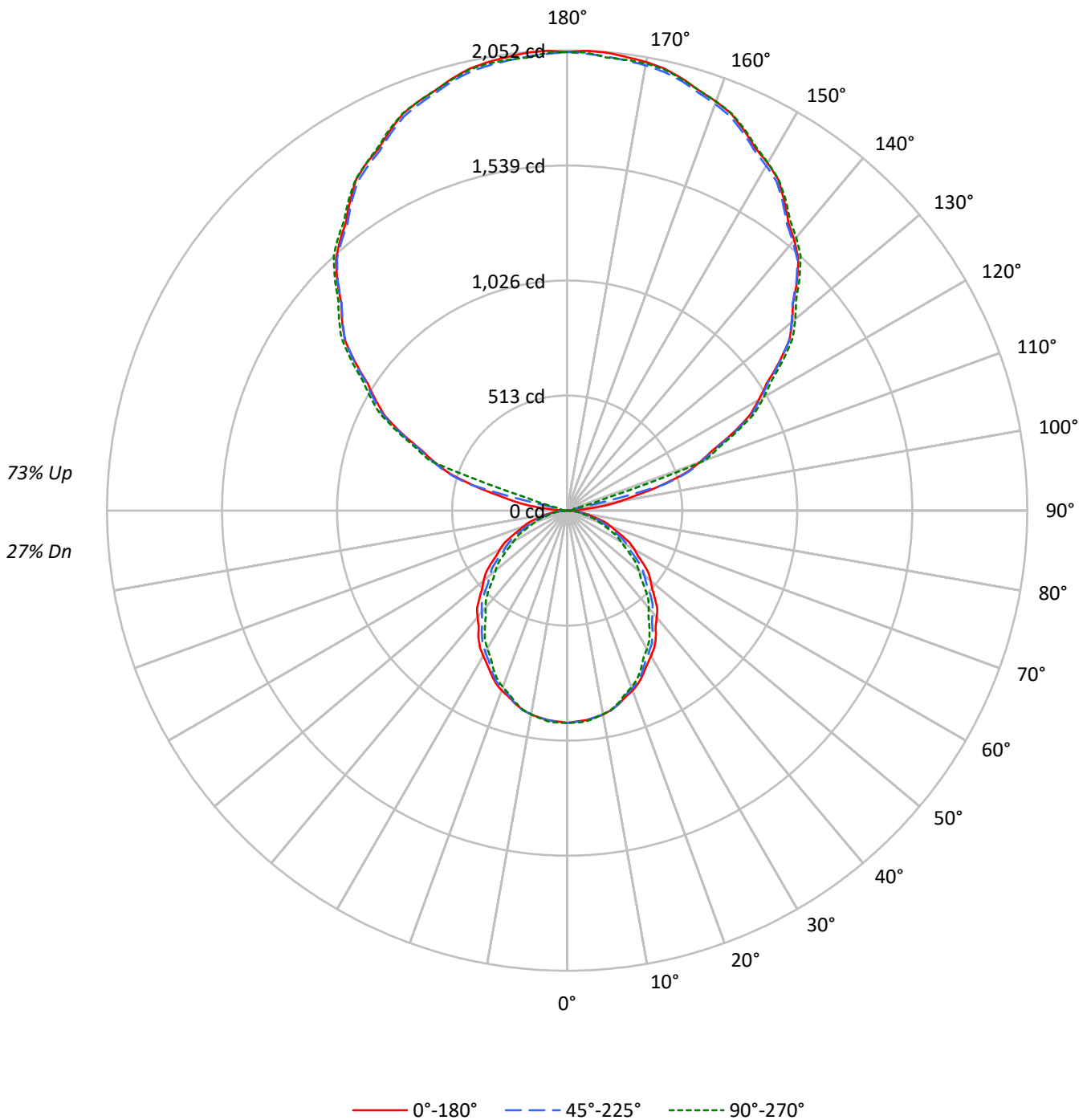
Lumens per Lamp: N/A
Luminaire Lumens: 8301.1 lumens
Efficiency: N/A
Efficacy: 154.3 lumens/watt
Spacing Criteria (0/90/45): 1.18 / 1.13 / 1.26
Luminous Opening: Rectangular (W 0.24' x L: 4' x H: 0')
CIE Type: Semi-Indirect

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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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	102	102	102	102	91	91	91	91	71	71	71	52	52	52	35	35	35	27																				
1	93	89	85	82	83	79	76	74	62	60	58	46	45	44	31	31	30	23																				
2	85	77	72	67	75	69	65	60	54	51	48	40	38	36	28	26	25	20																				
3	77	68	61	56	69	61	55	50	48	44	41	36	33	31	25	23	22	17																				
4	71	60	53	47	63	54	48	43	43	38	34	32	29	26	22	20	19	14																				
5	65	54	46	40	58	48	42	37	38	33	30	29	25	23	20	18	16	13																				
6	59	48	40	35	53	43	36	32	34	29	26	26	23	20	18	16	14	11																				
7	55	43	36	30	49	39	32	28	31	26	23	23	20	18	16	14	13	10																				
8	51	39	32	27	45	35	29	24	28	23	20	21	18	16	15	13	11	9																				
9	47	36	28	23	42	32	26	22	26	21	18	20	16	14	14	12	10	8																				
10	44	32	26	21	39	29	23	19	24	19	16	18	15	13	13	11	9	7																				

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	10712	10712	10712
5°	10660	10668	10730
10°	10614	10599	10599
15°	10451	10451	10388
20°	10282	10176	10088
25°	10022	9896	9720
30°	9776	9522	9293
35°	9520	9166	8841
40°	9177	8739	8361
45°	8865	8359	7842
50°	8544	7905	7338
55°	8196	7466	6857
60°	7821	7015	6314
65°	7381	6498	5743
70°	6874	5895	5114
75°	6230	5172	4555
80°	5434	4340	4033
85°	4193	3661	3661

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 8865 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	89.3	1.1
10°-20°	250.9	3.0
20°-30°	364.6	4.4
30°-40°	414.5	5.0
40°-50°	402.4	4.8
50°-60°	339.7	4.1
60°-70°	241.7	2.9
70°-80°	129.1	1.6
80°-90°	34.2	0.4
90°-100°	47.2	0.6
100°-110°	342.0	4.1
110°-120°	813.0	9.8
120°-130°	1038.7	12.5
130°-140°	1120.4	13.5
140°-150°	1056.2	12.7
150°-160°	861.6	10.4
160°-170°	561.4	6.8
170°-180°	194.1	2.3
0°-30°	704.8	8.5
0°-40°	1119.3	13.5
0°-60°	1861.5	22.4
0°-90°	2266.5	27.3
90°-120°	1202.2	14.5
90°-150°	4417.5	53.2
90°-180°	6035.0	72.7
0°-180°	8301.1	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	947	947	947	947	947	
5°	939	950	939	938	945	89
15°	892	900	892	887	887	251
25°	803	805	793	782	779	370
35°	689	683	664	644	640	429
45°	554	546	522	497	490	427
55°	416	404	378	354	348	371
65°	276	266	243	221	214	273
75°	142	135	118	106	104	152
85°	32	30	28	28	28	38
90°	0	0	0	2	0	5
95°	86	16	20	22	22	107
105°	433	439	445	32	34	457
115°	812	818	820	832	837	801
125°	1154	1162	1159	1171	1179	1030
135°	1450	1458	1445	1456	1465	1117
145°	1687	1698	1676	1688	1696	1056
155°	1869	1884	1858	1863	1875	862
165°	1992	2003	1982	1976	1989	563
175°	2049	2060	2032	2022	2028	195
180°	2045	2045	2045	2045	2045	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	946.7	946.7	946.7	946.7	946.7
2.5°	941.8	951.3	942.9	944.0	946.1
5°	938.6	950.4	939.3	938.1	944.7
7.5°	931.3	942.1	930.5	927.8	933.8
10°	923.8	935.6	922.5	919.2	922.5
12.5°	910.4	922.7	912.2	906.8	909.6
15°	892.2	900.1	892.2	886.8	886.8
17.5°	870.0	878.3	863.4	859.6	858.2
20°	853.9	861.1	845.1	839.7	837.8
22.5°	832.4	839.1	825.8	816.6	814.1
25°	802.8	805.4	792.7	781.9	778.6
27.5°	773.1	773.7	756.3	743.1	738.8
30°	748.3	749.0	728.8	714.6	711.3
32.5°	723.6	721.6	702.5	685.6	683.4
35°	689.2	682.6	663.6	644.0	640.1
37.5°	647.6	643.7	621.3	601.6	595.7
40°	621.3	614.7	591.7	572.0	566.1
42.5°	594.9	587.3	563.7	541.9	535.5
45°	554.0	545.5	522.4	497.4	490.1
47.5°	512.9	503.5	478.2	453.9	445.9
50°	485.4	475.6	449.1	425.4	416.9
52.5°	457.5	447.1	420.6	396.4	389.4
55°	415.5	404.3	378.5	354.2	347.6
57.5°	373.6	362.5	336.8	313.8	305.9
60°	345.6	335.1	310.0	286.9	279.0
62.5°	317.1	307.1	282.5	260.0	252.7
65°	275.7	265.8	242.7	221.1	214.5
67.5°	234.7	226.2	203.5	183.6	178.3
70°	207.8	199.9	178.2	159.9	154.6
72.5°	181.9	173.5	152.9	137.3	133.7
75°	142.5	134.6	118.3	106.2	104.2
77.5°	106.5	100.1	85.9	79.0	78.0
80°	83.4	77.5	66.6	61.9	61.9
82.5°	61.9	57.0	49.9	47.9	47.9
85°	32.3	29.6	28.2	28.2	28.2
87.5°	9.7	9.7	9.1	8.9	8.6
90°	0.0	0.0	0.0	1.5	0.0
92.5°	23.4	9.0	7.4	8.9	8.6
95°	86.3	15.5	20.0	21.6	21.6
97.5°	173.8	170.5	23.4	28.1	28.4
100°	240.4	247.9	24.7	29.3	30.8
102.5°	314.3	320.7	45.6	30.5	32.1
105°	433.0	439.0	445.3	32.4	33.9
107.5°	551.0	555.5	559.7	503.8	188.6
110°	628.7	633.2	634.9	650.3	653.3



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	701.4	707.1	710.0	723.1	728.5
115°	812.1	818.1	819.8	832.2	836.7
117.5°	917.1	923.5	926.4	936.4	943.6
120°	986.2	993.7	995.4	1007.9	1013.9
122.5°	1054.0	1062.7	1062.0	1073.3	1081.7
125°	1154.1	1161.7	1158.8	1171.3	1178.8
127.5°	1249.4	1253.9	1247.5	1262.8	1269.1
130°	1309.8	1314.3	1306.7	1320.7	1328.3
132.5°	1365.2	1372.2	1363.4	1376.2	1383.7
135°	1450.0	1457.5	1445.4	1456.4	1465.4
137.5°	1525.5	1534.5	1519.9	1532.8	1540.6
140°	1574.8	1583.8	1565.6	1579.6	1588.7
142.5°	1620.4	1631.9	1609.9	1622.8	1633.0
145°	1687.3	1697.8	1676.5	1687.5	1696.5
147.5°	1750.8	1759.8	1739.4	1747.2	1753.5
150°	1789.0	1798.0	1775.1	1783.0	1790.5
152.5°	1819.8	1832.5	1809.6	1815.1	1826.3
155°	1869.1	1884.2	1858.3	1863.2	1875.3
157.5°	1914.4	1928.0	1902.1	1906.3	1916.9
160°	1941.5	1955.1	1929.2	1931.0	1941.5
162.5°	1962.5	1974.8	1952.6	1949.5	1962.5
165°	1992.4	2002.9	1981.6	1975.7	1989.3
167.5°	2017.4	2029.4	2003.2	1998.3	2013.7
170°	2030.9	2043.0	2015.5	2008.2	2024.7
172.5°	2039.5	2050.4	2024.1	2014.3	2027.2
175°	2049.4	2059.9	2032.5	2021.8	2027.8
177.5°	2052.2	2060.6	2038.6	2029.1	2043.5
180°	2044.8	2044.8	2044.8	2044.8	2044.8



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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	12.79	13.47	13.92	14.59	16.16	11.71	12.39	12.84	13.51	15.08
	3H	14.44	15.05	15.58	16.18	17.76	13.11	13.72	14.25	14.85	16.43
	4H	15.06	15.64	16.21	16.77	18.36	13.62	14.20	14.77	15.33	16.91
	6H	15.44	15.97	16.60	17.11	18.70	13.93	14.46	15.08	15.59	17.19
	8H	15.57	16.08	16.73	17.23	18.82	14.04	14.55	15.20	15.70	17.29
	12H	15.63	16.11	16.80	17.26	18.87	14.11	14.60	15.28	15.74	17.35
4H	2H	13.17	13.75	14.33	14.89	16.47	12.31	12.90	13.47	14.03	15.61
	3H	15.05	15.53	16.21	16.69	18.28	13.92	14.40	15.08	15.56	17.15
	4H	15.79	16.23	16.95	17.38	18.99	14.52	14.96	15.68	16.11	17.72
	6H	16.28	16.66	17.45	17.83	19.43	14.92	15.30	16.09	16.47	18.07
	8H	16.47	16.82	17.64	17.98	19.61	15.09	15.44	16.25	16.60	18.22
	12H	16.56	16.88	17.74	18.05	19.68	15.18	15.50	16.37	16.68	18.30
8H	4H	15.90	16.26	17.07	17.42	19.04	14.76	15.12	15.93	16.28	17.90
	6H	16.52	16.81	17.70	18.01	19.63	15.29	15.58	16.47	16.78	18.40
	8H	16.79	17.05	17.98	18.23	19.86	15.54	15.79	16.73	16.97	18.61
	12H	16.95	17.17	18.14	18.35	20.02	15.70	15.93	16.90	17.11	18.78
12H	4H	15.87	16.19	17.05	17.36	18.99	14.76	15.08	15.94	16.25	17.88
	6H	16.53	16.79	17.72	17.97	19.61	15.34	15.60	16.54	16.78	18.42
	8H	16.82	17.05	18.02	18.22	19.90	15.62	15.84	16.81	17.02	18.69