

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: P1439601

Luminaire Tested: CB3-D-125U-055D-927-1D-UNV-STD-W-4

Issue Date: 3/31/2026

Test Information

Test Method: LM-79-2024
Report Number: P1439601
REPORT IS SCALED FROM IESNA LM-79-24 TEST DATA (G2-2312-242-3, G2-2312-242-8)
Test Lab: INNOVATION CENTER
Issue Date: 3/31/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: CB3-D-125U-055D-927-1D-UNV-STD-W-4
Description: CORELITE BASIC SLOT LED LUMINAIRE, DIFFUSER DUST COVER UPLIGHT
3-INCH APERTURE
DOWNLIGHT 550 LUMENS PER FOOT
UPLIGHT 1250 LUMENS PER FOOT
Light Source: 2700K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

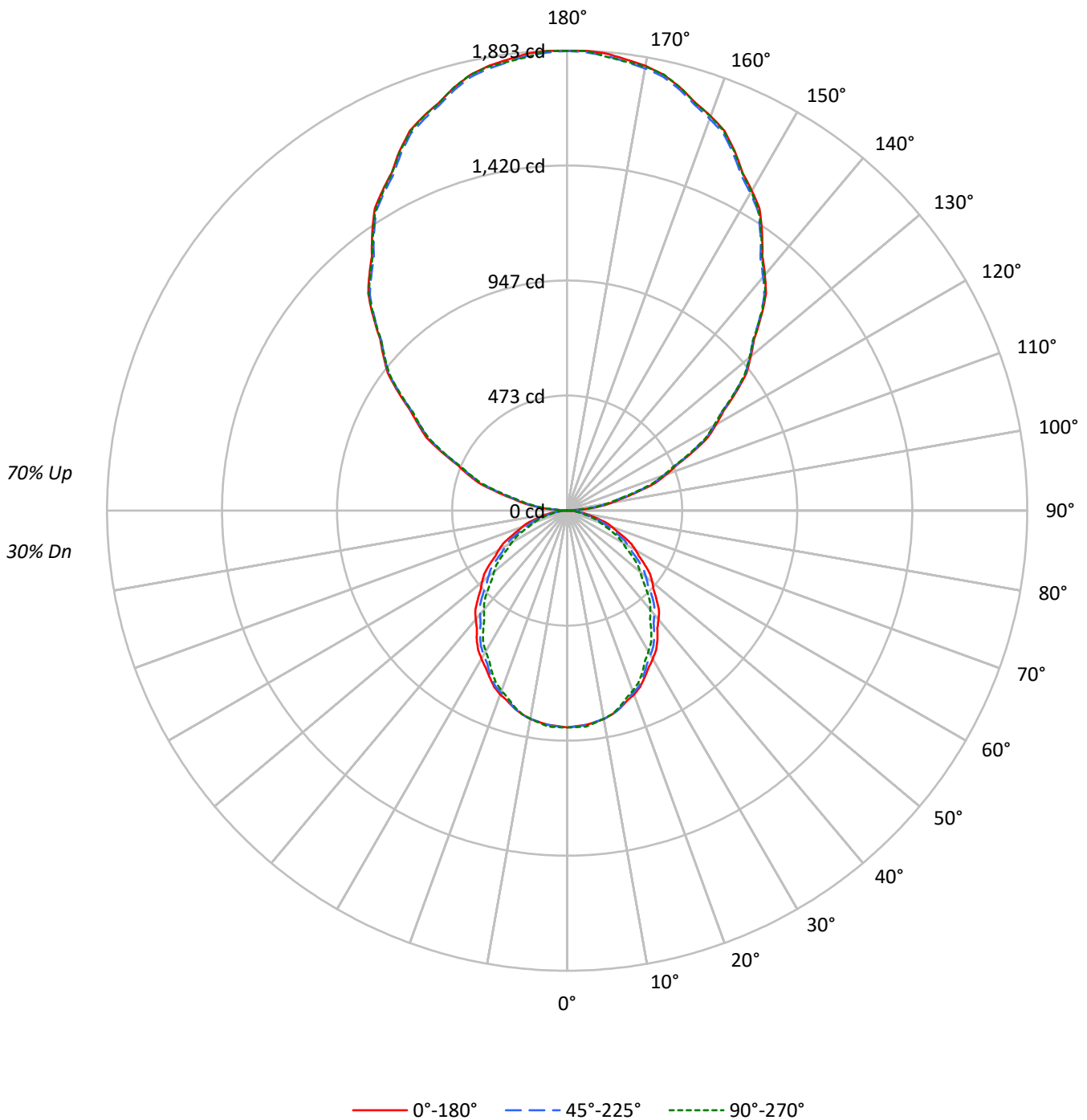
Lumens per Lamp: N/A
Luminaire Lumens: 7006.7 lumens
Efficiency: N/A
Efficacy: 130.2 lumens/watt
Spacing Criteria (0/90/45): 1.18 / 1.13 / 1.26
Luminous Opening: Rectangular (W 0.24' x L: 4' x H: 0')
CIE Type: Semi-Indirect

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

TEST NUMBER: P1439601

CATALOG NUMBER: CB3-D-125U-055D-927-1D-UNV-STD-W-4

Luminous Intensity Polar Plot





TEST NUMBER: P1439601

CATALOG NUMBER: CB3-D-125U-055D-927-1D-UNV-STD-W-4

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	92	92	92	92	72	72	72	55	55	55	38	38	38	30					30															
1	94	89	86	82	84	80	77	74	64	61	60	48	47	46	34	33	32	26					26															
2	85	78	72	67	76	70	65	61	56	52	49	42	40	38	30	29	27	22					22															
3	78	69	62	56	70	62	56	51	49	45	42	38	35	32	27	25	23	19					19															
4	71	61	53	47	64	55	48	43	44	39	35	33	30	28	24	22	20	16					16															
5	65	54	46	41	58	49	42	37	39	34	31	30	27	24	21	19	18	14					14															
6	60	48	41	35	54	44	37	32	35	30	27	27	24	21	19	17	16	12					12															
7	55	44	36	31	50	40	33	28	32	27	23	25	21	19	18	16	14	11					11															
8	51	39	32	27	46	36	29	25	29	24	21	22	19	16	16	14	12	10					10															
9	48	36	29	24	43	33	26	22	26	22	18	21	17	15	15	13	11	9					9															
10	44	33	26	21	40	30	24	20	24	20	16	19	16	13	14	12	10	8					8															

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	10095	10095	10095
5°	10047	10054	10129
10°	10004	9989	9989
15°	9851	9851	9791
20°	9692	9593	9492
25°	9431	9312	9146
30°	9199	8960	8744
35°	8957	8625	8319
40°	8635	8223	7868
45°	8341	7866	7380
50°	8041	7439	6904
55°	7713	7027	6452
60°	7359	6599	5940
65°	6945	6115	5403
70°	6467	5544	4813
75°	5862	4866	4289
80°	5108	4079	3792
85°	3947	3453	3453

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 8341 cd/sqm



TEST NUMBER: P1439601

CATALOG NUMBER: CB3-D-125U-055D-927-1D-UNV-STD-W-4

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	84.2	1.2
10°-20°	236.5	3.4
20°-30°	343.2	4.9
30°-40°	390.0	5.6
40°-50°	378.6	5.4
50°-60°	319.7	4.6
60°-70°	227.4	3.2
70°-80°	121.5	1.7
80°-90°	32.1	0.5
90°-100°	79.9	1.1
100°-110°	312.6	4.5
110°-120°	557.2	8.0
120°-130°	754.0	10.8
130°-140°	866.9	12.4
140°-150°	869.8	12.4
150°-160°	748.0	10.7
160°-170°	506.4	7.2
170°-180°	178.6	2.5
0°-30°	663.9	9.5
0°-40°	1053.9	15.0
0°-60°	1752.3	25.0
0°-90°	2133.3	30.4
90°-120°	949.7	13.6
90°-150°	3440.4	49.1
90°-180°	4873.0	69.5
0°-180°	7006.7	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	892	892	892	892	892	
5°	885	896	885	884	892	84
15°	841	848	841	836	836	237
25°	755	758	746	736	733	348
35°	648	642	624	606	602	404
45°	521	513	492	468	461	402
55°	391	380	356	333	327	350
65°	259	250	228	208	202	257
75°	134	127	111	100	98	143
85°	30	28	27	27	27	36
90°	0	0	0	0	0	4
95°	77	70	62	58	59	88
105°	303	302	291	287	284	323
115°	568	571	558	557	555	563
125°	847	857	840	837	838	757
135°	1128	1139	1121	1112	1124	870
145°	1398	1409	1386	1379	1392	873
155°	1631	1645	1618	1611	1628	750
165°	1801	1816	1792	1782	1801	507
175°	1886	1903	1878	1866	1873	179
180°	1891	1891	1891	1891	1891	

TEST NUMBER: P1439601

CATALOG NUMBER: CB3-D-125U-055D-927-1D-UNV-STD-W-4

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	892.2	892.2	892.2	892.2	892.2
2.5°	887.6	896.6	888.7	889.7	891.7
5°	884.6	895.7	885.2	884.1	891.8
7.5°	877.8	887.9	877.0	874.5	880.1
10°	870.7	881.8	869.4	866.3	869.4
12.5°	858.0	869.7	859.8	854.7	857.3
15°	841.0	848.4	841.0	835.9	835.9
17.5°	820.1	827.9	813.9	810.3	808.7
20°	804.9	811.7	796.7	791.5	788.3
22.5°	784.7	791.0	778.5	768.6	766.0
25°	755.4	757.8	745.9	735.7	732.6
27.5°	727.4	728.0	711.6	699.2	695.1
30°	704.1	704.7	685.8	672.4	669.3
32.5°	680.8	679.0	661.0	645.1	643.0
35°	648.5	642.3	624.4	606.0	602.3
37.5°	609.4	605.6	584.6	566.1	560.5
40°	584.6	578.4	556.7	538.2	532.7
42.5°	559.8	552.6	530.4	509.9	503.8
45°	521.3	513.3	491.6	468.0	461.2
47.5°	482.6	473.8	449.9	427.1	419.6
50°	456.8	447.5	422.6	400.3	392.2
52.5°	430.4	420.7	395.8	373.0	366.4
55°	391.0	380.5	356.2	333.3	327.1
57.5°	351.5	341.1	317.0	295.3	287.8
60°	325.2	315.3	291.6	270.0	262.5
62.5°	298.4	288.9	265.8	244.7	237.7
65°	259.4	250.1	228.4	208.0	201.8
67.5°	220.8	212.9	191.4	172.7	167.8
70°	195.5	188.1	167.6	150.5	145.5
72.5°	171.2	163.3	143.9	129.2	125.8
75°	134.1	126.7	111.3	99.9	98.1
77.5°	100.2	94.1	80.9	74.4	73.4
80°	78.4	72.9	62.6	58.2	58.2
82.5°	58.2	53.6	46.9	45.0	45.0
85°	30.4	27.9	26.6	26.6	26.6
87.5°	9.1	9.1	8.6	8.1	8.1
90°	0.0	0.0	0.0	0.0	0.0
92.5°	20.9	18.6	11.6	9.3	9.3
95°	76.8	69.8	62.3	58.0	59.4
97.5°	141.8	135.0	125.8	121.5	122.7
100°	187.0	181.4	171.1	166.7	166.7
102.5°	231.1	227.7	217.5	213.2	214.3
105°	303.0	301.6	291.4	287.0	284.2
107.5°	382.5	379.9	368.6	368.2	365.7
110°	433.5	432.1	421.9	420.4	419.0

TEST NUMBER: P1439601

CATALOG NUMBER: CB3-D-125U-055D-927-1D-UNV-STD-W-4

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	485.7	487.7	476.4	474.9	473.5
115°	568.4	571.2	558.2	556.7	555.3
117.5°	653.0	657.0	643.2	641.7	639.1
120°	707.5	716.0	698.8	697.4	695.9
122.5°	763.2	770.6	754.5	751.9	751.6
125°	846.7	856.7	839.5	836.6	838.0
127.5°	930.2	940.5	924.4	918.7	921.8
130°	985.9	997.3	980.1	974.4	978.7
132.5°	1042.8	1054.1	1037.0	1031.3	1037.8
135°	1128.0	1139.3	1120.8	1112.3	1123.7
137.5°	1211.2	1221.2	1200.8	1195.0	1206.9
140°	1265.7	1275.7	1254.1	1247.2	1261.4
142.5°	1319.1	1330.2	1306.3	1299.4	1314.8
145°	1397.7	1409.0	1386.1	1379.1	1391.9
147.5°	1473.1	1484.7	1461.5	1453.4	1466.4
150°	1519.5	1532.2	1507.9	1500.9	1515.1
152.5°	1564.7	1578.6	1553.1	1545.1	1562.7
155°	1631.1	1645.3	1618.1	1611.2	1628.2
157.5°	1690.8	1703.9	1679.3	1672.3	1687.1
160°	1726.8	1741.0	1715.2	1708.3	1725.4
162.5°	1758.1	1772.3	1748.8	1739.7	1756.7
165°	1800.8	1816.3	1792.1	1782.3	1800.8
167.5°	1836.4	1853.1	1827.4	1818.6	1837.0
170°	1857.3	1872.9	1847.1	1836.0	1854.4
172.5°	1871.2	1886.8	1861.1	1849.8	1862.5
175°	1886.3	1903.3	1877.6	1866.2	1873.2
177.5°	1893.0	1906.6	1886.0	1875.9	1891.8
180°	1890.6	1890.6	1890.6	1890.6	1890.6

TEST NUMBER: P1439601
 CATALOG NUMBER: CB3-D-125U-055D-927-1D-UNV-STD-W-4

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	13.02	13.72	14.13	14.83	16.35	11.94	12.64	13.05	13.75	15.27
	3H	14.67	15.30	15.79	16.42	17.96	13.34	13.97	14.46	15.08	16.63
	4H	15.30	15.89	16.43	17.01	18.56	13.85	14.45	14.98	15.56	17.11
	6H	15.67	16.22	16.81	17.34	18.90	14.16	14.71	15.30	15.83	17.39
	8H	15.81	16.33	16.95	17.46	19.01	14.28	14.80	15.42	15.93	17.49
	12H	15.87	16.36	17.01	17.49	19.06	14.35	14.85	15.49	15.97	17.55
4H	2H	13.41	14.00	14.54	15.12	16.67	12.55	13.15	13.68	14.26	15.81
	3H	15.28	15.78	16.42	16.92	18.48	14.15	14.65	15.29	15.79	17.35
	4H	16.02	16.48	17.17	17.61	19.19	14.75	15.21	15.90	16.34	17.92
	6H	16.52	16.91	17.67	18.06	19.63	15.16	15.55	16.31	16.70	18.27
	8H	16.71	17.07	17.86	18.21	19.80	15.32	15.69	16.47	16.83	18.42
	12H	16.80	17.13	17.96	18.28	19.87	15.42	15.75	16.59	16.91	18.50
8H	4H	16.14	16.51	17.29	17.65	19.24	15.00	15.37	16.15	16.51	18.10
	6H	16.75	17.06	17.92	18.24	19.83	15.52	15.83	16.70	17.01	18.60
	8H	17.03	17.29	18.20	18.46	20.06	15.78	16.04	16.95	17.20	18.81
	12H	17.19	17.42	18.36	18.58	20.22	15.94	16.18	17.12	17.34	18.98
12H	4H	16.11	16.44	17.27	17.59	19.19	15.00	15.33	16.16	16.48	18.08
	6H	16.77	17.03	17.95	18.20	19.80	15.58	15.84	16.76	17.01	18.61
	8H	17.06	17.29	18.24	18.45	20.09	15.85	16.09	17.03	17.25	18.89