

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: P1439605

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

Issue Date: 3/31/2026

Test Information

Test Method: LM-79-2024
Report Number: P1439605
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-935-1D-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: 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

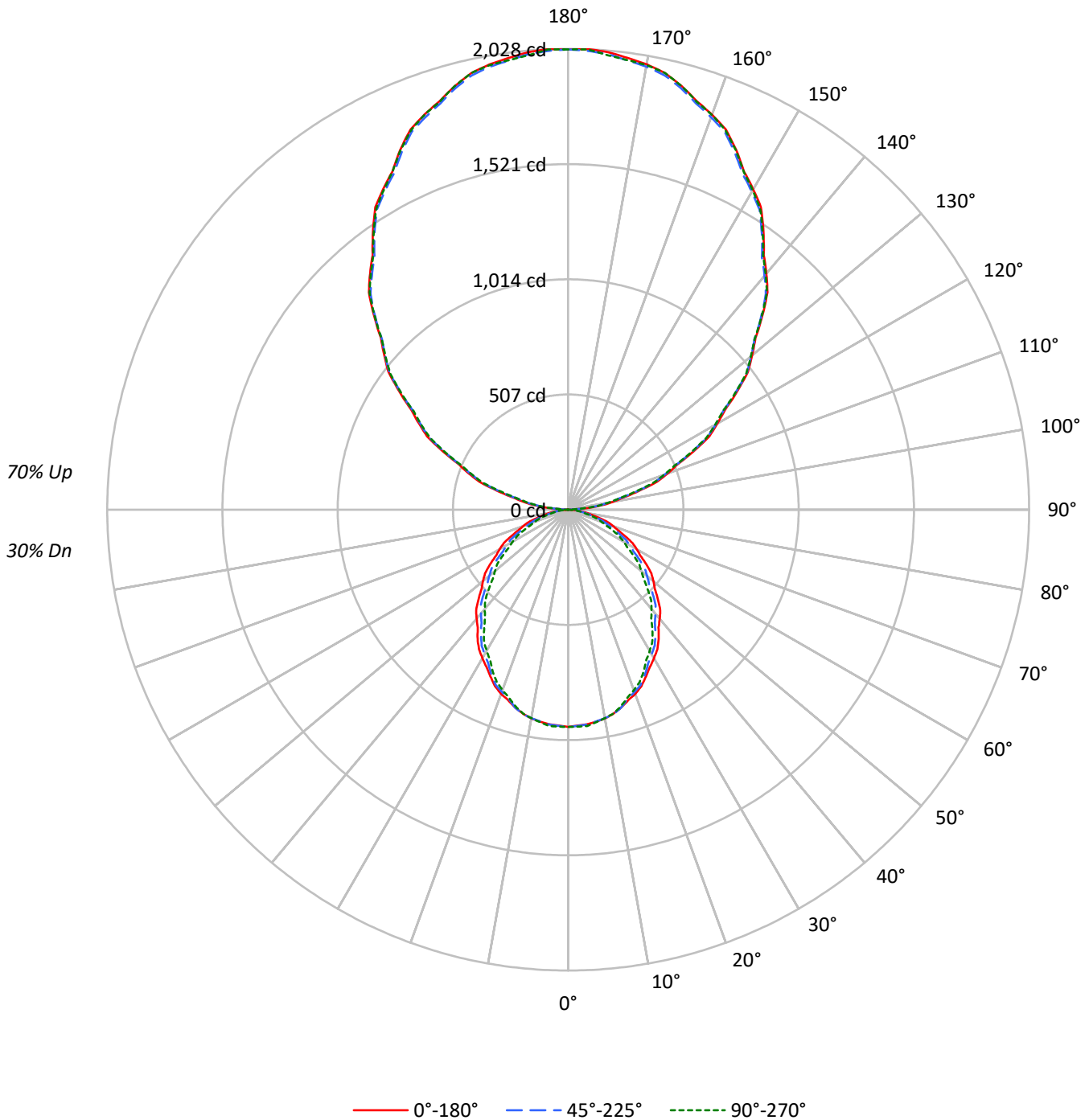
Lumens per Lamp: N/A
Luminaire Lumens: 7507.8 lumens
Efficiency: N/A
Efficacy: 139.6 lumens/watt
Spacing Criteria (0/90/45): 1.18 / 1.13 / 1.26
Luminous Opening: Rectangular (W 0.24' x L: 4' x H: 0')
CIE Type: Semi-Indirect

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: P1439605

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

Luminous Intensity Polar Plot





TEST NUMBER: P1439605

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

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	102	102	102	102	92	92	92	92	72	72	72	55	55	55	38	38	38	30
1	94	89	86	82	84	80	77	74	64	61	60	48	47	46	34	33	32	26
2	85	78	72	67	76	70	65	61	56	52	49	42	40	38	30	29	27	22
3	78	69	62	56	70	62	56	51	49	45	42	38	35	32	27	25	23	19
4	71	61	53	47	64	55	48	43	44	39	35	33	30	28	24	22	20	16
5	65	54	46	41	58	49	42	37	39	34	31	30	27	24	21	19	18	14
6	60	48	41	35	54	44	37	32	35	30	27	27	24	21	19	17	16	12
7	55	44	36	31	50	40	33	28	32	27	23	25	21	19	18	16	14	11
8	51	39	32	27	46	36	29	25	29	24	21	22	19	16	16	14	12	10
9	48	36	29	24	43	33	26	22	26	22	18	21	17	15	15	13	11	9
10	44	33	26	21	40	30	24	20	24	20	16	19	16	13	14	12	10	8

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	10817	10817	10817
5°	10766	10774	10852
10°	10719	10703	10703
15°	10555	10555	10492
20°	10385	10279	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



TEST NUMBER: P1439605

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

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	90.2	1.2
10°-20°	253.4	3.4
20°-30°	367.8	4.9
30°-40°	417.9	5.6
40°-50°	405.7	5.4
50°-60°	342.5	4.6
60°-70°	243.7	3.2
70°-80°	130.2	1.7
80°-90°	34.4	0.5
90°-100°	85.6	1.1
100°-110°	335.0	4.5
110°-120°	597.0	8.0
120°-130°	807.9	10.8
130°-140°	928.8	12.4
140°-150°	932.1	12.4
150°-160°	801.6	10.7
160°-170°	542.6	7.2
170°-180°	191.4	2.5
0°-30°	711.4	9.5
0°-40°	1129.3	15.0
0°-60°	1877.6	25.0
0°-90°	2285.9	30.4
90°-120°	1017.6	13.6
90°-150°	3686.4	49.1
90°-180°	5222.0	69.6
0°-180°	7507.8	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	956	956	956	956	956	
5°	948	960	949	947	956	90
15°	901	909	901	896	896	254
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	4
95°	82	75	67	62	64	94
105°	325	323	312	308	304	347
115°	609	612	598	596	595	604
125°	907	918	900	896	898	811
135°	1209	1221	1201	1192	1204	932
145°	1498	1510	1485	1478	1491	936
155°	1748	1763	1734	1726	1745	804
165°	1930	1946	1920	1910	1930	544
175°	2021	2039	2012	2000	2007	192
180°	2026	2026	2026	2026	2026	

TEST NUMBER: P1439605

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

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	956.0	956.0	956.0	956.0	956.0
2.5°	951.1	960.7	952.2	953.3	955.5
5°	947.9	959.8	948.6	947.4	955.5
7.5°	940.6	951.4	939.7	937.0	943.0
10°	933.0	944.9	931.6	928.3	931.6
12.5°	919.4	931.9	921.3	915.8	918.6
15°	901.1	909.1	901.1	895.7	895.7
17.5°	878.7	887.1	872.1	868.3	866.5
20°	862.5	869.8	853.7	848.2	844.6
22.5°	840.8	847.5	834.1	823.6	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°	22.4	19.9	12.4	9.9	9.9
95°	82.3	74.7	66.8	62.2	63.7
97.5°	151.9	144.6	134.9	130.2	131.4
100°	200.4	194.3	183.3	178.7	178.7
102.5°	247.6	244.0	233.0	228.4	229.6
105°	324.7	323.2	312.3	307.5	304.5
107.5°	409.8	407.1	394.9	394.5	391.8
110°	464.5	463.0	452.1	450.5	449.0



TEST NUMBER: P1439605

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

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	520.4	522.6	510.5	508.9	507.4
115°	609.0	612.0	598.1	596.5	595.0
117.5°	699.7	704.0	689.2	687.6	684.8
120°	758.1	767.3	748.8	747.2	745.7
122.5°	817.8	825.7	808.5	805.7	805.4
125°	907.3	917.9	899.5	896.4	898.0
127.5°	996.8	1007.7	990.6	984.4	987.8
130°	1056.4	1068.6	1050.2	1044.1	1048.7
132.5°	1117.3	1129.5	1111.1	1105.1	1112.1
135°	1208.7	1220.8	1200.9	1191.9	1204.0
137.5°	1297.9	1308.5	1286.7	1280.4	1293.2
140°	1356.3	1366.9	1343.8	1336.4	1351.6
142.5°	1413.4	1425.3	1399.8	1392.4	1408.8
145°	1497.7	1509.8	1485.2	1477.8	1491.4
147.5°	1578.4	1590.9	1566.0	1557.3	1571.3
150°	1628.2	1641.8	1615.7	1608.3	1623.5
152.5°	1676.6	1691.5	1664.2	1655.6	1674.4
155°	1747.8	1763.0	1733.8	1726.4	1744.7
157.5°	1811.8	1825.8	1799.4	1791.9	1807.7
160°	1850.3	1865.5	1837.9	1830.5	1848.8
162.5°	1883.9	1899.1	1873.9	1864.1	1882.3
165°	1929.5	1946.3	1920.2	1909.8	1929.5
167.5°	1967.8	1985.7	1958.1	1948.6	1968.4
170°	1990.1	2006.8	1979.3	1967.3	1987.0
172.5°	2005.0	2021.8	1994.2	1982.1	1995.7
175°	2021.2	2039.4	2011.9	1999.6	2007.2
177.5°	2028.4	2042.9	2020.9	2010.1	2027.1
180°	2025.9	2025.9	2025.9	2025.9	2025.9



TEST NUMBER: P1439605
 CATALOG NUMBER: CB3-D-125U-055D-935-1D-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	13.26	13.96	14.37	15.07	16.59	12.18	12.88	13.29	13.99	15.51
	3H	14.91	15.54	16.03	16.66	18.20	13.58	14.21	14.70	15.32	16.87
	4H	15.54	16.13	16.66	17.25	18.80	14.09	14.69	15.22	15.80	17.35
	6H	15.91	16.46	17.05	17.58	19.14	14.40	14.95	15.54	16.07	17.63
	8H	16.05	16.57	17.19	17.70	19.25	14.52	15.04	15.66	16.17	17.73
	12H	16.11	16.60	17.25	17.73	19.31	14.59	15.09	15.73	16.21	17.79
4H	2H	13.65	14.24	14.78	15.36	16.91	12.79	13.39	13.92	14.50	16.05
	3H	15.52	16.02	16.66	17.16	18.72	14.39	14.89	15.53	16.03	17.59
	4H	16.26	16.72	17.41	17.85	19.43	14.99	15.45	16.14	16.58	18.16
	6H	16.76	17.15	17.91	18.30	19.87	15.40	15.79	16.55	16.94	18.51
	8H	16.95	17.31	18.10	18.46	20.04	15.56	15.93	16.71	17.07	18.66
	12H	17.04	17.37	18.20	18.52	20.12	15.66	15.99	16.83	17.15	18.74
8H	4H	16.38	16.75	17.53	17.89	19.48	15.24	15.61	16.39	16.75	18.34
	6H	16.99	17.30	18.16	18.48	20.07	15.76	16.07	16.94	17.25	18.84
	8H	17.27	17.53	18.45	18.70	20.30	16.02	16.28	17.19	17.44	19.05
	12H	17.43	17.66	18.61	18.82	20.46	16.19	16.42	17.37	17.58	19.22
12H	4H	16.35	16.68	17.51	17.83	19.43	15.24	15.57	16.40	16.72	18.32
	6H	17.01	17.27	18.19	18.44	20.04	15.82	16.08	17.00	17.25	18.85
	8H	17.30	17.53	18.48	18.70	20.33	16.10	16.33	17.28	17.49	19.13