

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: P1439595

Luminaire Tested: CB3-D-125U-030D-930-1D-UNV-STD-W-4

Issue Date: 3/31/2026

Test Information

Test Method: LM-79-2024
Report Number: P1439595
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-030D-930-1D-UNV-STD-W-4
Description: CORELITE BASIC SLOT LED LUMINAIRE, DIFFUSER DUST COVER UPLIGHT
3-INCH APERTURE
DOWNLIGHT 300 LUMENS PER FOOT
UPLIGHT 1250 LUMENS PER FOOT
Light Source: 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

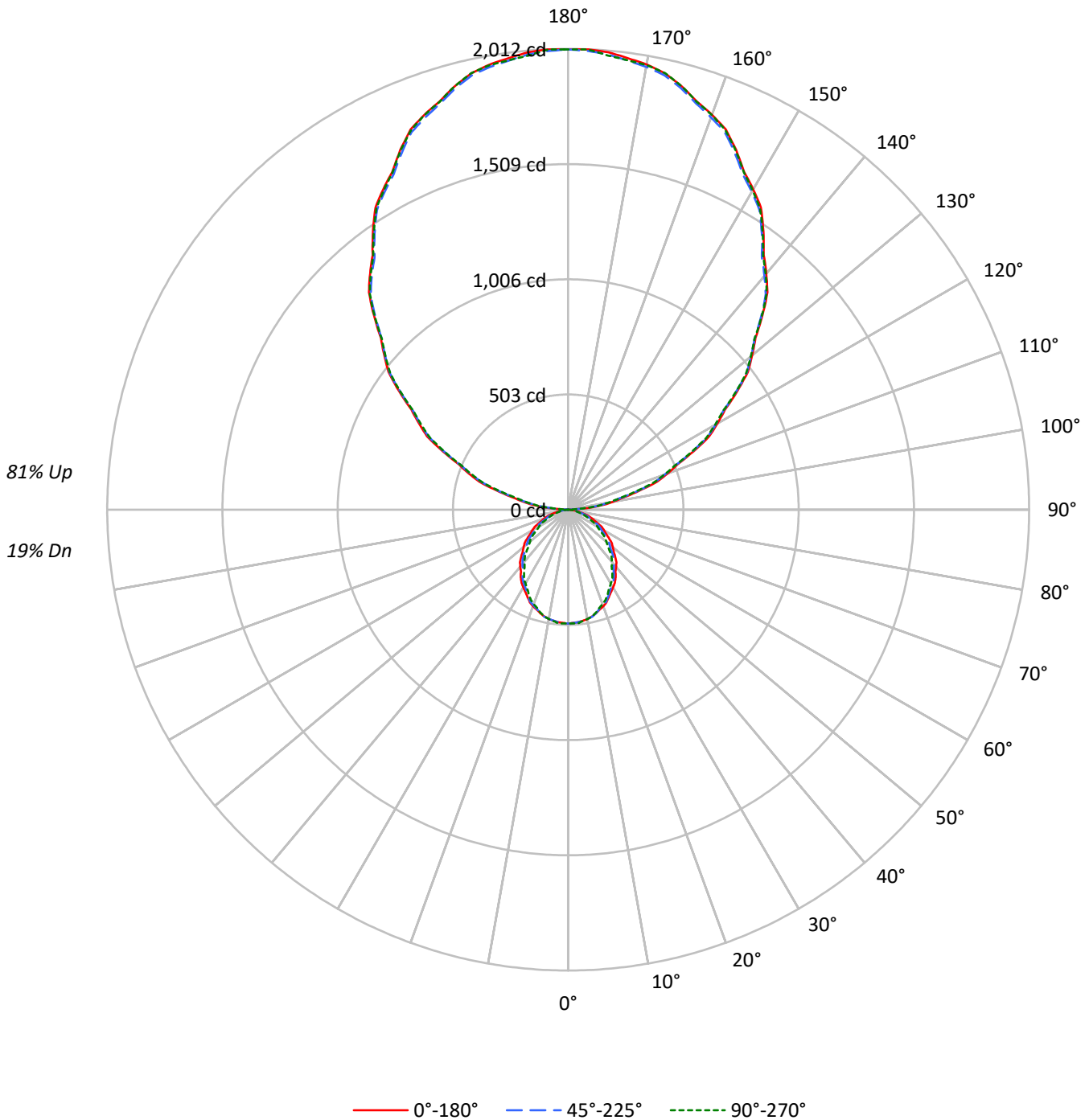
Lumens per Lamp: N/A
Luminaire Lumens: 6366.5 lumens
Efficiency: N/A
Efficacy: 139.0 lumens/watt
Spacing Criteria (0/90/45): 1.18 / 1.13 / 1.26
Luminous Opening: Rectangular (W 0.24' x L: 4' x H: 0')
CIE Type: Semi-Indirect

Input Watts (W): 45.8
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: P1439595

CATALOG NUMBER: CB3-D-125U-030D-930-1D-UNV-STD-W-4

Luminous Intensity Polar Plot





TEST NUMBER: P1439595

CATALOG NUMBER: CB3-D-125U-030D-930-1D-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	50	30	10	0	
RCR																						
0	100	100	100	100	88	88	88	88	66	66	66	46	46	46	27	27	27	19				
1	91	87	83	80	80	77	74	71	58	56	54	40	39	38	24	24	23	16				
2	83	76	70	65	73	67	62	58	51	47	45	35	33	32	21	20	20	13				
3	75	67	60	54	66	59	53	49	45	41	38	31	29	27	19	18	17	11				
4	69	59	51	46	60	52	46	41	40	35	32	28	25	23	17	16	14	10				
5	63	52	45	39	55	46	40	35	35	31	27	25	22	20	15	14	13	9				
6	58	47	39	34	51	41	35	30	32	27	24	22	20	17	14	12	11	8				
7	53	42	34	29	47	37	31	26	29	24	21	20	17	15	13	11	10	7				
8	49	38	31	26	44	34	27	23	26	21	18	18	16	13	12	10	9	6				
9	46	34	27	23	40	31	25	20	24	19	16	17	14	12	11	9	8	5				
10	43	31	25	20	38	28	22	18	22	17	14	16	13	11	10	8	7	5				

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	5624	5624	5624
5°	5598	5602	5652
10°	5573	5565	5565
15°	5489	5489	5456
20°	5400	5345	5280
25°	5246	5180	5089
30°	5118	4984	4865
35°	4982	4798	4629
40°	4803	4574	4376
45°	4640	4376	4106
50°	4473	4138	3841
55°	4290	3908	3590
60°	4094	3670	3306
65°	3863	3403	3007
70°	3599	3087	2676
75°	3261	2706	2387
80°	2841	2267	2111
85°	2194	1921	1921

MAXIMUM LUMINANCE 45°-90°:

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



TEST NUMBER: P1439595

CATALOG NUMBER: CB3-D-125U-030D-930-1D-UNV-STD-W-4

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	46.9	0.7
10°-20°	131.8	2.1
20°-30°	191.0	3.0
30°-40°	217.0	3.4
40°-50°	210.6	3.3
50°-60°	177.8	2.8
60°-70°	126.5	2.0
70°-80°	67.6	1.1
80°-90°	17.9	0.3
90°-100°	84.9	1.3
100°-110°	332.2	5.2
110°-120°	592.1	9.3
120°-130°	801.3	12.6
130°-140°	921.3	14.5
140°-150°	924.5	14.5
150°-160°	795.0	12.5
160°-170°	538.2	8.5
170°-180°	189.8	3.0
0°-30°	369.7	5.8
0°-40°	586.7	9.2
0°-60°	975.2	15.3
0°-90°	1187.1	18.6
90°-120°	1009.3	15.9
90°-150°	3656.3	57.4
90°-180°	5179.0	81.3
0°-180°	6366.5	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	497	497	497	497	497	
5°	493	499	493	493	498	47
15°	469	473	469	466	466	132
25°	420	422	415	409	408	194
35°	361	357	347	337	335	225
45°	290	286	274	260	257	224
55°	218	212	198	185	182	194
65°	144	139	127	116	112	143
75°	75	70	62	56	55	80
85°	17	16	15	15	15	20
90°	0	0	0	0	0	4
95°	82	74	66	62	63	93
105°	322	320	310	305	302	344
115°	604	607	593	592	590	599
125°	900	910	892	889	891	805
135°	1199	1211	1191	1182	1194	924
145°	1485	1498	1473	1466	1479	928
155°	1734	1749	1720	1712	1730	797
165°	1914	1930	1905	1894	1914	539
175°	2005	2023	1996	1983	1991	190
180°	2009	2009	2009	2009	2009	



TEST NUMBER: P1439595

CATALOG NUMBER: CB3-D-125U-030D-930-1D-UNV-STD-W-4

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	497.1	497.1	497.1	497.1	497.1
2.5°	494.6	499.5	495.1	495.7	496.8
5°	492.9	499.1	493.2	492.6	497.6
7.5°	489.1	494.7	488.6	487.2	490.3
10°	485.1	491.3	484.4	482.7	484.4
12.5°	478.1	484.6	479.1	476.2	477.7
15°	468.6	472.7	468.6	465.8	465.8
17.5°	457.0	461.3	453.5	451.5	450.5
20°	448.5	452.3	443.9	441.1	438.5
22.5°	437.3	440.8	433.8	427.7	426.1
25°	420.2	421.6	414.9	409.3	407.6
27.5°	404.7	405.0	395.9	389.0	386.7
30°	391.7	392.1	381.5	374.1	372.4
32.5°	378.8	377.7	367.7	358.9	357.7
35°	360.7	357.3	347.4	337.1	335.1
37.5°	339.0	336.9	325.2	314.9	311.8
40°	325.2	321.8	309.7	299.4	296.3
42.5°	311.4	307.4	295.1	283.7	280.3
45°	290.0	285.5	273.5	260.4	256.6
47.5°	268.5	263.6	250.3	237.6	233.4
50°	254.1	248.9	235.1	222.7	218.2
52.5°	239.5	234.0	220.2	207.5	203.8
55°	217.5	211.7	198.1	185.4	182.0
57.5°	195.5	189.8	176.3	164.3	160.1
60°	180.9	175.4	162.2	150.2	146.1
62.5°	166.0	160.7	147.9	136.1	132.3
65°	144.3	139.1	127.1	115.7	112.3
67.5°	122.8	118.4	106.5	96.1	93.3
70°	108.8	104.6	93.3	83.7	80.9
72.5°	95.2	90.8	80.0	71.9	70.0
75°	74.6	70.5	61.9	55.6	54.6
77.5°	55.7	52.4	45.0	41.4	40.8
80°	43.6	40.5	34.8	32.4	32.4
82.5°	32.4	29.8	26.1	25.1	25.1
85°	16.9	15.5	14.8	14.8	14.8
87.5°	5.1	5.1	4.8	4.5	4.5
90°	0.0	0.0	0.0	0.0	0.0
92.5°	22.2	19.8	12.3	9.9	9.9
95°	81.7	74.1	66.3	61.7	63.2
97.5°	150.7	143.5	133.8	129.2	130.4
100°	198.8	192.7	181.8	177.2	177.2
102.5°	245.6	242.0	231.1	226.5	227.7
105°	322.0	320.5	309.7	305.0	302.0
107.5°	406.5	403.8	391.7	391.3	388.6
110°	460.7	459.2	448.4	446.8	445.3



TEST NUMBER: P1439595

CATALOG NUMBER: CB3-D-125U-030D-930-1D-UNV-STD-W-4

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	516.2	518.3	506.3	504.8	503.3
115°	604.0	607.0	593.2	591.7	590.2
117.5°	694.0	698.2	683.5	681.9	679.2
120°	752.0	761.0	742.7	741.1	739.6
122.5°	811.1	819.0	801.9	799.1	798.8
125°	899.9	910.4	892.2	889.1	890.6
127.5°	988.6	999.5	982.5	976.4	979.7
130°	1047.8	1059.9	1041.7	1035.6	1040.1
132.5°	1108.2	1120.3	1102.1	1096.0	1103.0
135°	1198.8	1210.9	1191.1	1182.1	1194.2
137.5°	1287.3	1297.8	1276.2	1270.0	1282.6
140°	1345.2	1355.8	1332.9	1325.5	1340.6
142.5°	1401.9	1413.7	1388.4	1381.0	1397.3
145°	1485.4	1497.5	1473.1	1465.7	1479.3
147.5°	1565.6	1577.9	1553.2	1544.6	1558.5
150°	1614.9	1628.4	1602.5	1595.2	1610.2
152.5°	1662.9	1677.7	1650.6	1642.1	1660.8
155°	1733.5	1748.6	1719.6	1712.4	1730.4
157.5°	1797.0	1810.9	1784.7	1777.3	1793.0
160°	1835.2	1850.3	1822.9	1815.6	1833.7
162.5°	1868.5	1883.6	1858.6	1848.9	1867.0
165°	1913.8	1930.4	1904.6	1894.2	1913.8
167.5°	1951.7	1969.5	1942.2	1932.7	1952.3
170°	1973.9	1990.5	1963.1	1951.2	1970.8
172.5°	1988.7	2005.3	1977.9	1965.9	1979.4
175°	2004.7	2022.8	1995.5	1983.3	1990.8
177.5°	2011.8	2026.3	2004.4	1993.7	2010.6
180°	2009.3	2009.3	2009.3	2009.3	2009.3



TEST NUMBER: P1439595
 CATALOG NUMBER: CB3-D-125U-030D-930-1D-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	9.04	9.67	10.23	10.84	12.50	7.96	8.59	9.15	9.76	11.42
	3H	10.69	11.25	11.88	12.43	14.10	9.36	9.92	10.55	11.10	12.77
	4H	11.31	11.85	12.51	13.02	14.70	9.86	10.40	11.07	11.58	13.25
	6H	11.68	12.18	12.89	13.35	15.04	10.17	10.66	11.38	11.84	13.53
	8H	11.81	12.28	13.02	13.47	15.15	10.29	10.76	11.50	11.95	13.63
	12H	11.87	12.32	13.08	13.50	15.20	10.35	10.80	11.57	11.99	13.69
4H	2H	9.42	9.96	10.63	11.13	12.81	8.56	9.10	9.77	10.27	11.95
	3H	11.29	11.74	12.50	12.94	14.62	10.16	10.61	11.37	11.81	13.49
	4H	12.03	12.44	13.24	13.63	15.33	10.76	11.17	11.97	12.36	14.06
	6H	12.52	12.87	13.73	14.08	15.77	11.16	11.51	12.37	12.72	14.41
	8H	12.70	13.03	13.92	14.23	15.94	11.32	11.65	12.54	12.85	14.56
	12H	12.79	13.09	14.02	14.30	16.01	11.42	11.72	12.65	12.93	14.64
8H	4H	12.14	12.47	13.35	13.67	15.38	11.00	11.33	12.21	12.53	14.24
	6H	12.75	13.02	13.98	14.26	15.97	11.52	11.79	12.75	13.03	14.74
	8H	13.02	13.26	14.26	14.47	16.20	11.77	12.00	13.01	13.22	14.95
	12H	13.17	13.38	14.42	14.60	16.36	11.94	12.14	13.18	13.36	15.12
12H	4H	12.10	12.40	13.33	13.61	15.33	10.99	11.29	12.22	12.50	14.22
	6H	12.76	13.00	14.00	14.22	15.94	11.57	11.81	12.81	13.03	14.76
	8H	13.05	13.26	14.29	14.47	16.23	11.85	12.05	13.09	13.27	15.03