

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: P1439619

Luminaire Tested: CB3-D-125U-120D-930-1D-UNV-STD-W-4

Issue Date: 3/31/2026

Test Information

Test Method: LM-79-2024
Report Number: P1439619
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-120D-930-1D-UNV-STD-W-4
Description: CORELITE BASIC SLOT LED LUMINAIRE, DIFFUSER DUST COVER UPLIGHT
3-INCH APERTURE
DOWNLIGHT 1200 LUMENS PER FOOT
UPLIGHT 1250 LUMENS PER FOOT
Light Source: 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

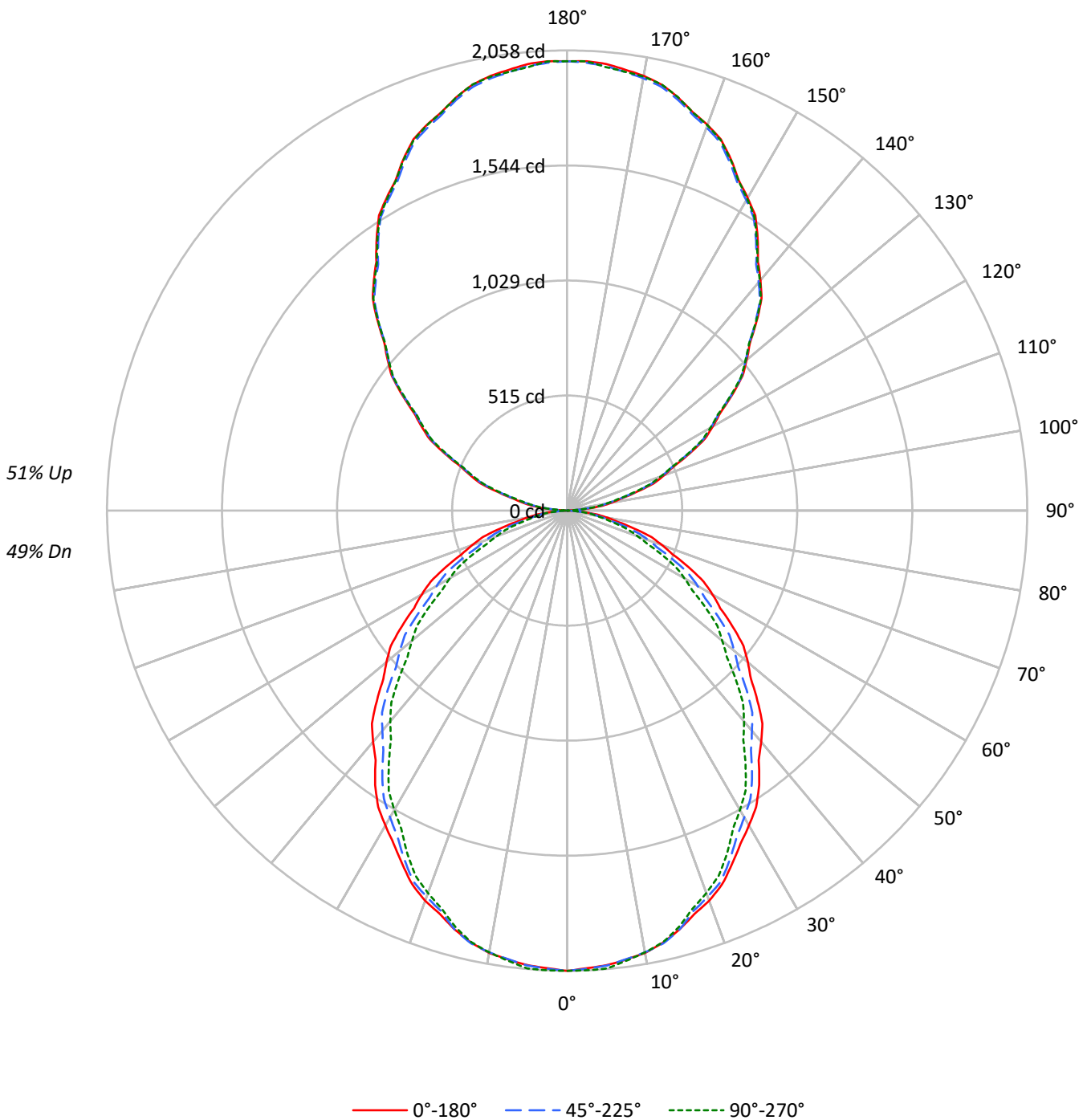
Lumens per Lamp: N/A
Luminaire Lumens: 10104.8 lumens
Efficiency: N/A
Efficacy: 134.0 lumens/watt
Spacing Criteria (0/90/45): 1.18 / 1.13 / 1.26
Luminous Opening: Rectangular (W 0.24' x L: 4' x H: 0')
CIE Type: General Diffuse

Input Watts (W): 75.4
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	50	30	10	50	30	10	0																
RCR																																														
0	107	107	107	107	98	98	98	98	83	83	83	68	68	68	55	55	55	49																												
1	98	93	90	86	90	86	83	80	73	70	68	60	59	57	49	48	47	41																												
2	89	82	76	71	82	76	70	66	64	60	57	53	50	48	43	41	40	35																												
3	81	72	65	59	75	67	60	55	57	52	48	47	44	41	38	36	34	30																												
4	75	64	56	50	68	59	52	47	50	45	41	42	38	35	34	32	29	26																												
5	68	57	49	43	63	53	46	40	45	40	35	38	34	31	31	28	26	22																												
6	63	51	43	37	58	48	40	35	41	35	31	34	30	27	28	25	23	20																												
7	58	46	38	33	54	43	36	31	37	31	27	31	27	24	26	23	20	18																												
8	54	42	34	29	50	39	32	27	34	28	24	29	24	21	24	21	18	16																												
9	50	38	31	26	46	36	29	25	31	26	22	26	22	19	22	19	16	14																												
10	47	35	28	23	43	33	26	22	28	23	20	24	20	17	20	17	15	13																												

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	23291	23291	23291
5°	23181	23198	23348
10°	23080	23046	23046
15°	22727	22727	22590
20°	22358	22130	21918
25°	21778	21503	21121
30°	21244	20691	20194
35°	20684	19916	19210
40°	19938	18988	18169
45°	19262	18163	17041
50°	18567	17178	15944
55°	17811	16225	14899
60°	16992	15241	13720
65°	16037	14120	12476
70°	14933	12806	11115
75°	13539	11239	9897
80°	11807	9422	8757
85°	9100	7971	7971

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 19262 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	194.2	1.9
10°-20°	545.7	5.4
20°-30°	792.4	7.8
30°-40°	900.7	8.9
40°-50°	874.3	8.7
50°-60°	738.2	7.3
60°-70°	525.2	5.2
70°-80°	280.6	2.8
80°-90°	74.1	0.7
90°-100°	84.9	0.8
100°-110°	332.2	3.3
110°-120°	592.1	5.9
120°-130°	801.3	7.9
130°-140°	921.3	9.1
140°-150°	924.5	9.1
150°-160°	795.0	7.9
160°-170°	538.2	5.3
170°-180°	189.8	1.9
0°-30°	1532.3	15.2
0°-40°	2433.0	24.1
0°-60°	4045.5	40.0
0°-90°	4925.5	48.7
90°-120°	1009.3	10.0
90°-150°	3656.3	36.2
90°-180°	5179.0	51.3
0°-180°	10104.8	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2058	2058	2058	2058	2058	
5°	2041	2067	2042	2040	2056	194
15°	1940	1957	1940	1928	1928	547
25°	1744	1750	1722	1699	1692	804
35°	1498	1483	1442	1399	1391	933
45°	1204	1185	1135	1081	1065	929
55°	903	879	822	770	755	807
65°	599	578	527	480	466	593
75°	310	293	257	231	226	330
85°	70	64	61	61	61	83
90°	0	0	0	0	0	6
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	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2058.5	2058.5	2058.5	2058.5	2058.5
2.5°	2048.0	2068.6	2050.4	2052.8	2057.4
5°	2041.0	2066.7	2042.5	2039.9	2055.7
7.5°	2025.2	2048.7	2023.5	2017.6	2030.5
10°	2008.9	2034.6	2005.9	1998.8	2005.9
12.5°	1979.7	2006.5	1983.7	1971.9	1977.9
15°	1940.2	1957.3	1940.2	1928.5	1928.5
17.5°	1892.0	1910.0	1877.7	1869.4	1866.0
20°	1856.9	1872.6	1837.9	1826.1	1820.3
22.5°	1810.2	1824.8	1795.9	1774.6	1768.9
25°	1744.4	1750.1	1722.4	1698.9	1691.8
27.5°	1679.8	1681.2	1643.3	1614.7	1605.3
30°	1626.0	1627.5	1583.7	1552.8	1545.7
32.5°	1572.3	1568.0	1526.4	1489.8	1484.9
35°	1497.5	1483.2	1441.9	1399.4	1390.8
37.5°	1407.2	1398.6	1349.9	1307.2	1294.4
40°	1349.9	1335.6	1285.6	1243.0	1230.1
42.5°	1292.6	1276.1	1224.9	1177.5	1163.5
45°	1203.8	1185.2	1135.1	1080.7	1065.0
47.5°	1114.4	1094.1	1039.0	986.3	968.9
50°	1054.8	1033.4	975.9	924.4	905.8
52.5°	994.0	971.5	914.0	861.3	846.2
55°	902.9	878.6	822.5	769.6	755.3
57.5°	811.7	787.7	731.9	681.9	664.7
60°	750.9	728.1	673.5	623.4	606.3
62.5°	689.0	667.3	613.9	565.0	549.0
65°	599.0	577.6	527.4	480.3	466.0
67.5°	509.9	491.6	442.1	398.9	387.4
70°	451.4	434.3	387.1	347.4	336.0
72.5°	395.3	377.0	332.2	298.4	290.4
75°	309.7	292.6	257.1	230.7	226.4
77.5°	231.4	217.4	186.7	171.8	169.5
80°	181.2	168.3	144.6	134.4	134.4
82.5°	134.4	123.8	108.4	104.0	104.0
85°	70.1	64.4	61.4	61.4	61.4
87.5°	21.0	21.0	19.9	18.7	18.7
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

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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



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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	17.97	18.81	18.94	19.79	21.08	16.89	17.73	17.86	18.71	20.00
	3H	19.63	20.38	20.61	21.37	22.69	18.30	19.05	19.28	20.04	21.36
	4H	20.26	20.97	21.25	21.97	23.29	18.82	19.53	19.81	20.52	21.84
	6H	20.64	21.30	21.65	22.30	23.63	19.13	19.79	20.14	20.79	22.12
	8H	20.78	21.40	21.79	22.42	23.75	19.25	19.88	20.27	20.90	22.22
	12H	20.85	21.44	21.86	22.45	23.80	19.33	19.92	20.35	20.93	22.29
4H	2H	18.37	19.08	19.37	20.08	21.40	17.51	18.22	18.51	19.22	20.54
	3H	20.26	20.85	21.27	21.88	23.21	19.13	19.72	20.14	20.75	22.08
	4H	21.01	21.55	22.02	22.57	23.92	19.73	20.28	20.75	21.29	22.65
	6H	21.51	21.97	22.54	23.01	24.37	20.15	20.61	21.17	21.65	23.01
	8H	21.70	22.13	22.73	23.17	24.54	20.32	20.75	21.35	21.78	23.15
	12H	21.79	22.19	22.84	23.24	24.61	20.42	20.81	21.47	21.86	23.24
8H	4H	21.13	21.57	22.16	22.60	23.97	19.99	20.43	21.02	21.46	22.83
	6H	21.75	22.11	22.81	23.19	24.55	20.52	20.88	21.58	21.96	23.32
	8H	22.03	22.34	23.09	23.40	24.79	20.77	21.09	21.84	22.15	23.54
	12H	22.19	22.47	23.26	23.52	24.95	20.95	21.23	22.01	22.28	23.71
12H	4H	21.11	21.50	22.15	22.55	23.92	20.00	20.39	21.04	21.44	22.81
	6H	21.77	22.09	22.83	23.15	24.53	20.58	20.90	21.64	21.96	23.34
	8H	22.07	22.35	23.13	23.40	24.83	20.86	21.14	21.93	22.19	23.62