

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: P1439621

Luminaire Tested: CB3-D-125U-120D-935-1D-UNV-STD-W-4

Issue Date: 3/31/2026

Test Information

Test Method: LM-79-2024
Report Number: P1439621
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-935-1D-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: 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

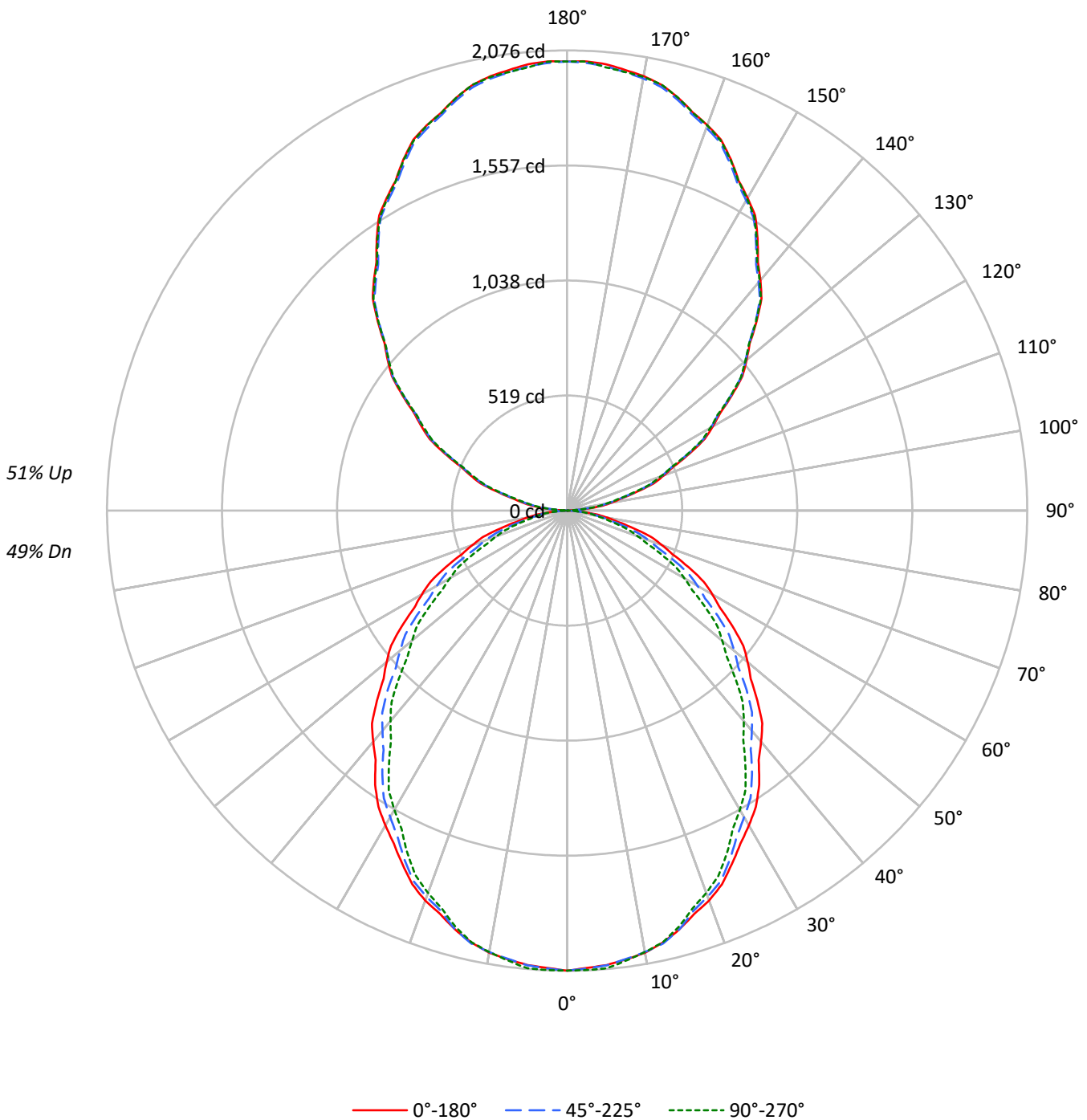
Lumens per Lamp: N/A
Luminaire Lumens: 10187.9 lumens
Efficiency: N/A
Efficacy: 135.1 lumens/watt
Spacing Criteria (0/90/45): 1.18 / 1.13 / 1.26
Luminous Opening: Rectangular (W 0.24' x L: 4' x H: 0')
CIE Type: General Diffuse

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					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	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°	23483	23483	23483
5°	23372	23389	23540
10°	23270	23236	23236
15°	22914	22914	22776
20°	22543	22313	22098
25°	21956	21680	21294
30°	21419	20861	20360
35°	20854	20081	19369
40°	20102	19145	18318
45°	19421	18313	17182
50°	18720	17319	16074
55°	17957	16359	15022
60°	17133	15365	13833
65°	16168	14235	12580
70°	15055	12912	11208
75°	13653	11331	9980
80°	11898	9500	8829
85°	9178	8036	8036

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 19421 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	195.8	1.9
10°-20°	550.2	5.4
20°-30°	798.9	7.8
30°-40°	908.1	8.9
40°-50°	881.5	8.7
50°-60°	744.3	7.3
60°-70°	529.5	5.2
70°-80°	282.9	2.8
80°-90°	74.8	0.7
90°-100°	85.6	0.8
100°-110°	335.0	3.3
110°-120°	597.0	5.9
120°-130°	807.9	7.9
130°-140°	928.8	9.1
140°-150°	932.1	9.1
150°-160°	801.6	7.9
160°-170°	542.6	5.3
170°-180°	191.4	1.9
0°-30°	1544.9	15.2
0°-40°	2453.0	24.1
0°-60°	4078.8	40.0
0°-90°	4966.0	48.7
90°-120°	1017.6	10.0
90°-150°	3686.4	36.2
90°-180°	5222.0	51.3
0°-180°	10187.9	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2076	2076	2076	2076	2076	
5°	2058	2084	2059	2057	2073	195
15°	1956	1973	1956	1944	1944	551
25°	1759	1764	1737	1713	1706	811
35°	1510	1495	1454	1411	1402	941
45°	1214	1195	1144	1090	1074	936
55°	910	886	829	776	762	814
65°	604	582	532	484	470	598
75°	312	295	259	233	228	333
85°	71	65	62	62	62	84
90°	0	0	0	0	0	6
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	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2075.5	2075.5	2075.5	2075.5	2075.5
2.5°	2064.9	2085.6	2067.2	2069.7	2074.3
5°	2057.8	2083.7	2059.3	2056.7	2072.6
7.5°	2041.9	2065.5	2040.1	2034.2	2047.2
10°	2025.4	2051.3	2022.4	2015.2	2022.4
12.5°	1995.9	2023.0	2000.1	1988.1	1994.2
15°	1956.2	1973.4	1956.2	1944.4	1944.4
17.5°	1907.6	1925.7	1893.1	1884.8	1881.3
20°	1872.2	1888.1	1853.1	1841.1	1835.3
22.5°	1825.1	1839.8	1810.6	1789.2	1783.5
25°	1758.7	1764.5	1736.6	1712.9	1705.7
27.5°	1693.6	1695.0	1656.8	1628.0	1618.5
30°	1639.4	1640.8	1596.7	1565.6	1558.4
32.5°	1585.2	1580.9	1538.9	1502.0	1497.1
35°	1509.8	1495.4	1453.8	1410.9	1402.3
37.5°	1418.8	1410.1	1361.0	1318.0	1305.0
40°	1361.0	1346.6	1296.2	1253.2	1240.2
42.5°	1303.3	1286.6	1234.9	1187.2	1173.1
45°	1213.7	1195.0	1144.5	1089.6	1073.8
47.5°	1123.6	1103.1	1047.6	994.4	976.9
50°	1063.5	1041.9	983.9	932.0	913.2
52.5°	1002.2	979.4	921.5	868.4	853.1
55°	910.3	885.8	829.3	775.9	761.5
57.5°	818.4	794.2	738.0	687.5	670.2
60°	757.1	734.1	679.0	628.6	611.3
62.5°	694.6	672.8	618.9	569.7	553.5
65°	603.9	582.3	531.7	484.3	469.9
67.5°	514.1	495.6	445.7	402.1	390.6
70°	455.1	437.9	390.3	350.3	338.8
72.5°	398.6	380.1	335.0	300.9	292.8
75°	312.3	295.0	259.2	232.6	228.3
77.5°	233.3	219.2	188.2	173.2	170.9
80°	182.6	169.7	145.8	135.5	135.5
82.5°	135.5	124.9	109.3	104.9	104.9
85°	70.7	64.9	61.9	61.9	61.9
87.5°	21.2	21.2	20.0	18.9	18.9
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



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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



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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	17.99	18.83	18.96	19.82	21.11	16.92	17.76	17.89	18.74	20.03
	3H	19.66	20.41	20.64	21.40	22.72	18.33	19.08	19.31	20.07	21.38
	4H	20.29	21.00	21.28	22.00	23.32	18.84	19.56	19.84	20.55	21.87
	6H	20.67	21.33	21.68	22.33	23.66	19.16	19.82	20.17	20.82	22.15
	8H	20.81	21.43	21.82	22.45	23.78	19.28	19.91	20.29	20.92	22.25
	12H	20.88	21.47	21.89	22.48	23.83	19.36	19.95	20.37	20.96	22.32
4H	2H	18.40	19.11	19.40	20.11	21.43	17.54	18.25	18.54	19.25	20.57
	3H	20.29	20.88	21.30	21.90	23.24	19.16	19.75	20.17	20.78	22.11
	4H	21.04	21.58	22.05	22.59	23.95	19.76	20.31	20.78	21.32	22.68
	6H	21.54	22.00	22.56	23.04	24.40	20.17	20.64	21.20	21.68	23.04
	8H	21.73	22.16	22.76	23.20	24.56	20.34	20.78	21.37	21.81	23.18
	12H	21.82	22.22	22.87	23.26	24.64	20.45	20.84	21.50	21.89	23.26
8H	4H	21.16	21.60	22.19	22.63	24.00	20.02	20.46	21.05	21.49	22.86
	6H	21.78	22.14	22.83	23.22	24.58	20.55	20.91	21.60	21.99	23.35
	8H	22.06	22.37	23.12	23.43	24.82	20.80	21.12	21.86	22.18	23.57
	12H	22.22	22.50	23.28	23.55	24.98	20.98	21.26	22.04	22.31	23.74
12H	4H	21.13	21.53	22.18	22.58	23.95	20.02	20.42	21.07	21.47	22.84
	6H	21.80	22.11	22.86	23.17	24.56	20.61	20.92	21.67	21.98	23.37
	8H	22.10	22.37	23.16	23.43	24.86	20.89	21.17	21.95	22.22	23.65