

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: P1439597

Luminaire Tested: CB3-D-125U-030D-935-1D-UNV-STD-W-4

Issue Date: 3/31/2026

Test Information

Test Method: LM-79-2024
Report Number: P1439597
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-935-1D-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: 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

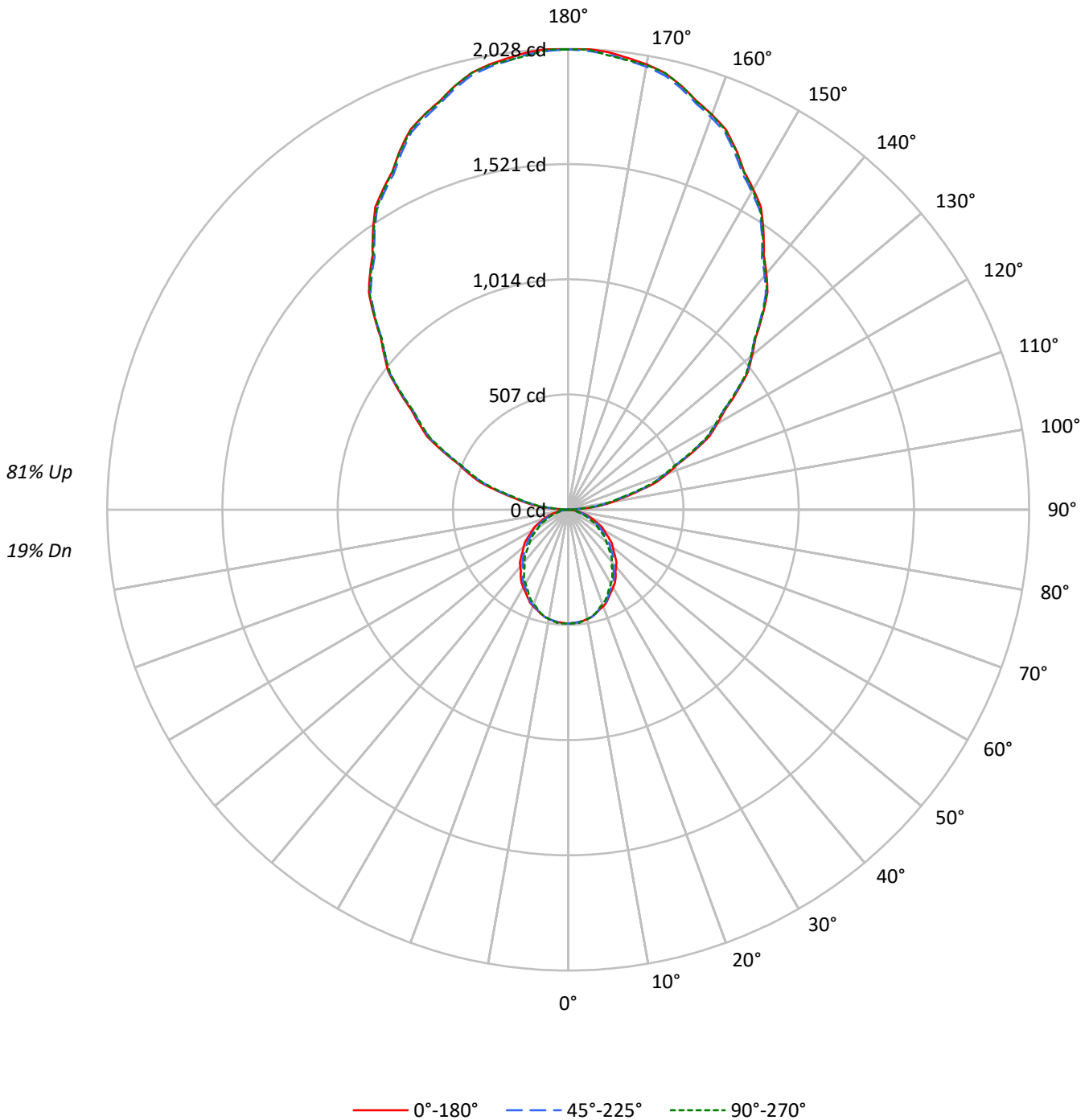
Lumens per Lamp: N/A
Luminaire Lumens: 6418.8 lumens
Efficiency: N/A
Efficacy: 140.1 lumens/watt
Spacing Criteria (0/90/45): 1.18 / 1.13 / 1.26
Luminous Opening: Rectangular (W 0.24' x L: 4' x H: 0')
CIE Type: Semi-Indirect

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

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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	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°	5671	5671	5671
5°	5644	5648	5698
10°	5619	5611	5611
15°	5534	5534	5501
20°	5445	5389	5323
25°	5290	5223	5130
30°	5159	5026	4905
35°	5024	4837	4666
40°	4843	4613	4413
45°	4679	4412	4140
50°	4510	4172	3873
55°	4326	3941	3620
60°	4128	3702	3333
65°	3895	3430	3031
70°	3626	3110	2699
75°	3287	2732	2404
80°	2867	2287	2124
85°	2207	1934	1934

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 4679 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	47.3	0.7
10°-20°	132.9	2.1
20°-30°	192.6	3.0
30°-40°	218.8	3.4
40°-50°	212.4	3.3
50°-60°	179.3	2.8
60°-70°	127.6	2.0
70°-80°	68.2	1.1
80°-90°	18.0	0.3
90°-100°	85.6	1.3
100°-110°	335.0	5.2
110°-120°	597.0	9.3
120°-130°	807.9	12.6
130°-140°	928.8	14.5
140°-150°	932.1	14.5
150°-160°	801.6	12.5
160°-170°	542.6	8.5
170°-180°	191.4	3.0
0°-30°	372.7	5.8
0°-40°	591.5	9.2
0°-60°	983.2	15.3
0°-90°	1196.9	18.6
90°-120°	1017.6	15.9
90°-150°	3686.4	57.4
90°-180°	5222.0	81.4
0°-180°	6418.8	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	501	501	501	501	501	
5°	497	503	497	497	502	47
15°	472	477	472	470	470	133
25°	424	425	418	413	411	195
35°	364	360	350	340	338	227
45°	292	288	276	262	259	226
55°	219	213	200	187	184	196
65°	146	140	128	117	113	144
75°	75	71	62	56	55	80
85°	17	16	15	15	15	20
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	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	501.2	501.2	501.2	501.2	501.2
2.5°	498.6	503.6	499.2	499.8	500.9
5°	496.9	503.2	497.3	496.7	501.7
7.5°	493.1	498.8	492.7	491.2	494.4
10°	489.1	495.4	488.4	486.7	488.4
12.5°	482.0	488.5	483.0	480.1	481.6
15°	472.4	476.6	472.4	469.6	469.6
17.5°	460.7	465.1	457.2	455.2	454.2
20°	452.2	456.0	447.6	444.7	442.1
22.5°	440.9	444.4	437.4	431.3	429.6
25°	423.7	425.1	418.4	412.6	410.9
27.5°	408.0	408.3	399.1	392.2	389.9
30°	394.9	395.3	384.7	377.2	375.4
32.5°	381.9	380.8	370.7	361.8	360.7
35°	363.7	360.2	350.2	339.9	337.8
37.5°	341.8	339.7	327.9	317.5	314.4
40°	327.9	324.4	312.3	301.9	298.8
42.5°	314.0	309.9	297.5	286.0	282.6
45°	292.4	287.9	275.7	262.5	258.7
47.5°	270.7	265.7	252.4	239.6	235.3
50°	256.2	251.0	237.0	224.5	220.0
52.5°	241.4	236.0	222.0	209.2	205.5
55°	219.3	213.4	199.8	186.9	183.5
57.5°	197.2	191.3	177.8	165.6	161.5
60°	182.4	176.8	163.6	151.4	147.3
62.5°	167.3	162.1	149.1	137.2	133.4
65°	145.5	140.3	128.1	116.7	113.2
67.5°	123.8	119.4	107.4	96.9	94.1
70°	109.6	105.5	94.0	84.4	81.6
72.5°	96.0	91.6	80.7	72.5	70.5
75°	75.2	71.1	62.5	56.0	55.0
77.5°	56.2	52.8	45.3	41.7	41.2
80°	44.0	40.9	35.1	32.6	32.6
82.5°	32.6	30.1	26.3	25.3	25.3
85°	17.0	15.6	14.9	14.9	14.9
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°	22.4	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	9.07	9.70	10.26	10.87	12.53	7.99	8.62	9.18	9.79	11.45
	3H	10.72	11.28	11.91	12.46	14.13	9.39	9.95	10.58	11.13	12.80
	4H	11.34	11.87	12.54	13.05	14.73	9.89	10.43	11.09	11.60	13.28
	6H	11.71	12.20	12.92	13.38	15.07	10.20	10.69	11.41	11.87	13.56
	8H	11.84	12.31	13.05	13.50	15.18	10.31	10.78	11.52	11.98	13.65
	12H	11.90	12.34	13.11	13.53	15.23	10.38	10.83	11.60	12.01	13.71
4H	2H	9.45	9.98	10.66	11.16	12.84	8.59	9.13	9.80	10.30	11.98
	3H	11.32	11.76	12.53	12.96	14.65	10.19	10.63	11.40	11.83	13.52
	4H	12.05	12.47	13.27	13.66	15.36	10.78	11.20	12.00	12.38	14.09
	6H	12.54	12.90	13.76	14.11	15.80	11.18	11.53	12.40	12.75	14.44
	8H	12.73	13.06	13.95	14.26	15.97	11.35	11.68	12.56	12.88	14.59
	12H	12.82	13.12	14.05	14.33	16.04	11.44	11.74	12.67	12.95	14.67
8H	4H	12.17	12.50	13.38	13.70	15.41	11.03	11.36	12.24	12.56	14.27
	6H	12.78	13.05	14.01	14.29	16.00	11.54	11.82	12.78	13.06	14.77
	8H	13.05	13.28	14.29	14.50	16.23	11.80	12.03	13.03	13.25	14.98
	12H	13.20	13.41	14.44	14.63	16.38	11.96	12.17	13.20	13.39	15.14
12H	4H	12.13	12.43	13.36	13.64	15.35	11.02	11.32	12.25	12.53	14.24
	6H	12.79	13.03	14.03	14.25	15.97	11.60	11.84	12.84	13.06	14.78
	8H	13.08	13.29	14.32	14.50	16.26	11.87	12.08	13.11	13.30	15.05