

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: P1439596

Luminaire Tested: CB3-D-125U-030D-930-1D-UNV-STD-W-8

Issue Date: 3/31/2026

Test Information

Test Method: LM-79-2024
Report Number: P1439596
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-8
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

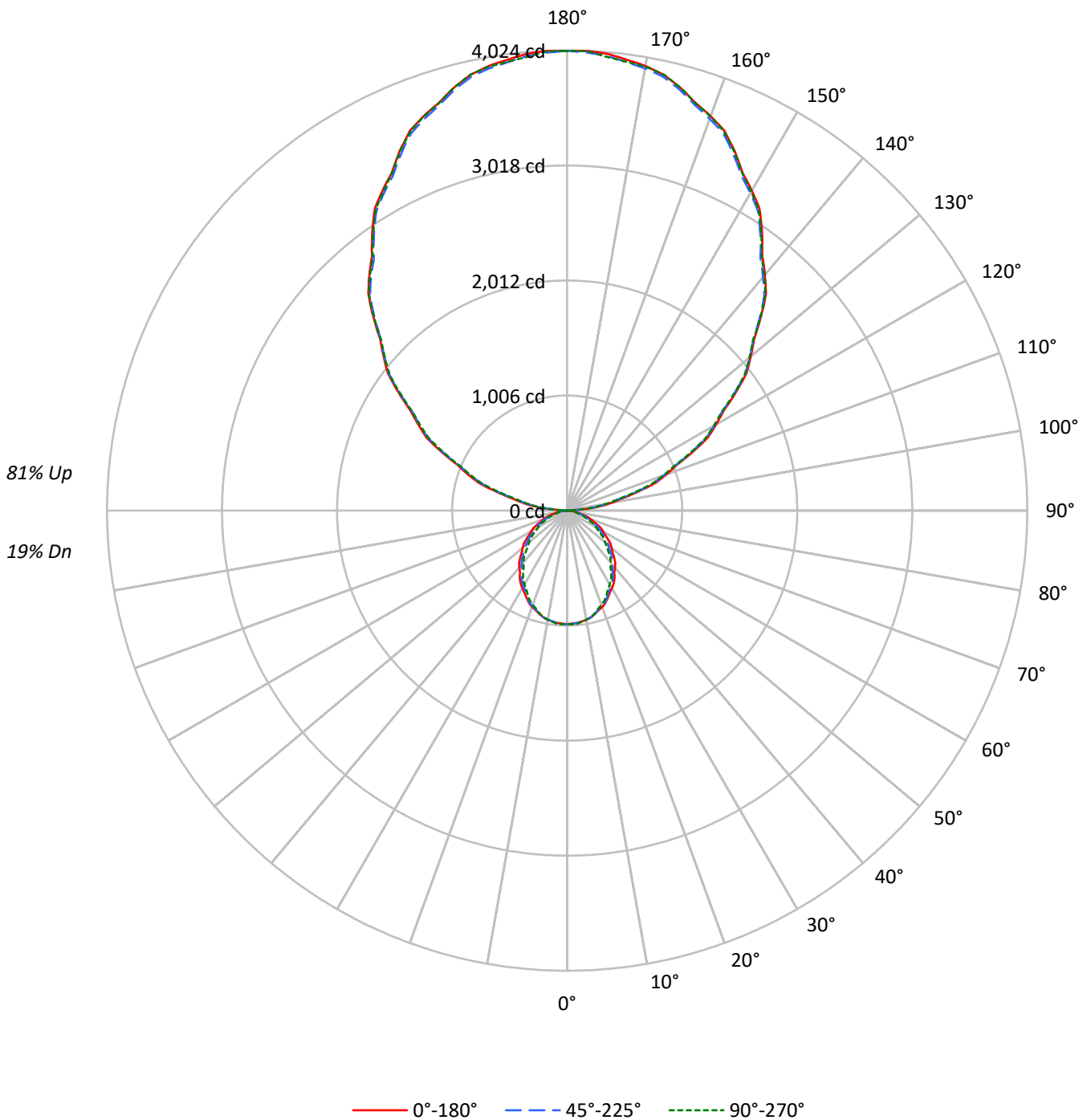
Lumens per Lamp: N/A
Luminaire Lumens: 12733.0 lumens
Efficiency: N/A
Efficacy: 116.5 lumens/watt
Spacing Criteria (0/90/45): 1.18 / 1.13 / 1.26
Luminous Opening: Rectangular (W 0.24' x L: 8' x H: 0')
CIE Type: Semi-Indirect

Input Watts (W): 109.3
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°	5624	5624	5624
5°	5598	5602	5651
10°	5573	5565	5565
15°	5489	5489	5456
20°	5400	5345	5280
25°	5247	5180	5088
30°	5118	4984	4865
35°	4983	4798	4628
40°	4803	4574	4377
45°	4640	4376	4105
50°	4473	4138	3841
55°	4290	3909	3589
60°	4094	3672	3305
65°	3863	3401	3005
70°	3598	3085	2678
75°	3261	2708	2385
80°	2844	2271	2111
85°	2194	1921	1921

MAXIMUM LUMINANCE 45°-90°:

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



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	93.8	0.7
10°-20°	263.6	2.1
20°-30°	382.0	3.0
30°-40°	434.0	3.4
40°-50°	421.3	3.3
50°-60°	355.7	2.8
60°-70°	253.1	2.0
70°-80°	135.2	1.1
80°-90°	35.7	0.3
90°-100°	169.8	1.3
100°-110°	664.5	5.2
110°-120°	1184.3	9.3
120°-130°	1602.7	12.6
130°-140°	1842.5	14.5
140°-150°	1848.9	14.5
150°-160°	1590.0	12.5
160°-170°	1076.3	8.5
170°-180°	379.6	3.0
0°-30°	739.4	5.8
0°-40°	1173.4	9.2
0°-60°	1950.3	15.3
0°-90°	2374.3	18.6
90°-120°	2018.6	15.9
90°-150°	7312.7	57.4
90°-180°	10359.0	81.4
0°-180°	12733.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	994	994	994	994	994	
5°	986	998	986	985	995	94
15°	937	945	937	932	932	264
25°	840	843	830	819	815	388
35°	722	715	695	674	670	450
45°	580	571	547	521	513	447
55°	435	423	396	371	364	389
65°	289	278	254	231	224	286
75°	149	141	124	111	109	159
85°	34	31	30	30	30	40
90°	0	0	0	0	0	7
95°	163	148	132	123	126	186
105°	644	641	619	610	604	688
115°	1208	1214	1186	1183	1180	1197
125°	1800	1821	1784	1778	1781	1609
135°	2398	2422	2382	2364	2388	1848
145°	2971	2995	2946	2931	2958	1856
155°	3467	3497	3439	3425	3461	1595
165°	3828	3861	3809	3788	3828	1078
175°	4009	4046	3991	3967	3982	380
180°	4019	4019	4019	4019	4019	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	994.2	994.2	994.2	994.2	994.2
2.5°	989.1	999.0	990.2	991.4	993.6
5°	985.7	998.1	986.4	985.2	995.1
7.5°	978.1	989.4	977.3	974.5	980.7
10°	970.2	982.6	968.8	965.4	968.8
12.5°	956.2	969.1	958.1	952.4	955.3
15°	937.2	945.4	937.2	931.5	931.5
17.5°	913.9	922.6	907.0	903.0	900.9
20°	897.0	904.6	887.9	882.1	877.1
22.5°	874.5	881.5	867.6	855.5	852.3
25°	840.5	843.2	829.9	818.6	815.1
27.5°	809.3	810.0	791.7	778.0	773.4
30°	783.4	784.1	763.0	748.2	744.7
32.5°	757.5	755.5	735.4	717.8	715.4
35°	721.5	714.6	694.7	674.2	670.1
37.5°	678.0	673.9	650.4	629.8	623.7
40°	650.4	643.5	619.4	598.9	592.7
42.5°	622.8	614.8	590.1	567.3	560.6
45°	580.0	571.1	546.9	520.7	513.1
47.5°	536.9	527.2	500.6	475.2	466.8
50°	508.2	497.9	470.2	445.4	436.4
52.5°	478.9	468.1	440.4	415.0	407.7
55°	435.0	423.3	396.3	370.8	363.9
57.5°	391.1	379.5	352.7	328.5	320.3
60°	361.8	350.8	324.5	300.4	292.1
62.5°	332.0	321.5	295.8	272.2	264.5
65°	288.6	278.3	254.1	231.4	224.5
67.5°	245.7	236.9	213.0	192.2	186.7
70°	217.5	209.2	186.5	167.4	161.9
72.5°	190.5	181.7	160.1	143.8	139.9
75°	149.2	141.0	123.9	111.2	109.1
77.5°	111.5	104.8	90.0	82.8	81.7
80°	87.3	81.1	69.7	64.8	64.8
82.5°	64.8	59.7	52.2	50.1	50.1
85°	33.8	31.0	29.6	29.6	29.6
87.5°	10.1	10.1	9.6	9.0	9.0
90°	0.0	0.0	0.0	0.0	0.0
92.5°	44.4	39.6	24.7	19.7	19.7
95°	163.3	148.3	132.5	123.3	126.4
97.5°	301.4	286.9	267.5	258.3	260.7
100°	397.6	385.5	363.7	354.4	354.4
102.5°	491.2	484.0	462.3	453.1	455.5
105°	644.1	641.1	619.4	610.1	604.0
107.5°	813.0	807.6	783.4	782.7	777.2
110°	921.5	918.4	896.8	893.7	890.6



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	1032.4	1036.6	1012.7	1009.5	1006.5
115°	1208.1	1214.1	1186.5	1183.3	1180.3
117.5°	1388.0	1396.5	1367.1	1363.9	1358.5
120°	1503.9	1522.0	1485.4	1482.3	1479.3
122.5°	1622.3	1637.9	1603.8	1598.2	1597.6
125°	1799.8	1820.9	1784.4	1778.3	1781.3
127.5°	1977.3	1999.0	1965.0	1952.8	1959.4
130°	2095.6	2119.7	2083.3	2071.2	2080.2
132.5°	2216.4	2240.5	2204.1	2192.1	2206.0
135°	2397.6	2421.8	2382.2	2364.3	2388.4
137.5°	2574.5	2595.6	2552.4	2540.0	2565.3
140°	2690.4	2711.5	2665.8	2651.0	2681.2
142.5°	2803.8	2827.3	2776.7	2762.0	2794.6
145°	2970.9	2995.0	2946.2	2931.4	2958.5
147.5°	3131.1	3155.8	3106.5	3089.2	3116.9
150°	3229.7	3256.9	3205.1	3190.4	3220.5
152.5°	3325.9	3355.4	3301.2	3284.2	3321.6
155°	3467.0	3497.2	3439.3	3424.7	3460.9
157.5°	3594.0	3621.7	3569.3	3554.6	3586.0
160°	3670.4	3700.6	3645.8	3631.2	3667.3
162.5°	3737.0	3767.1	3717.3	3697.8	3733.9
165°	3827.6	3860.7	3809.1	3788.4	3827.6
167.5°	3903.4	3939.0	3884.3	3865.5	3904.6
170°	3947.8	3980.9	3926.2	3902.5	3941.6
172.5°	3977.4	4010.5	3955.8	3931.8	3958.9
175°	4009.4	4045.6	3990.9	3966.6	3981.7
177.5°	4023.6	4052.5	4008.8	3987.4	4021.1
180°	4018.7	4018.7	4018.7	4018.7	4018.7

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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	9.04	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	13.09	13.50	15.20	10.35	10.80	11.57	11.98	13.68
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	10.75	11.17	11.97	12.36	14.06
	6H	12.52	12.87	13.73	14.08	15.77	11.15	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	11.41	11.71	12.64	12.92	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	14.48	16.21	11.77	12.00	13.01	13.22	14.95
	12H	13.18	13.38	14.42	14.60	16.36	11.93	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	15.95	11.57	11.81	12.81	13.03	14.76
	8H	13.05	13.26	14.29	14.48	16.23	11.84	12.05	13.09	13.27	15.03