

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: P1439531

Luminaire Tested: CB3-D-055U-030D-930-1D-UNV-STD-W-4

Issue Date: 3/31/2026

Test Information

Test Method: LM-79-2024
Report Number: P1439531
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-055U-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 550 LUMENS PER FOOT
Light Source: 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

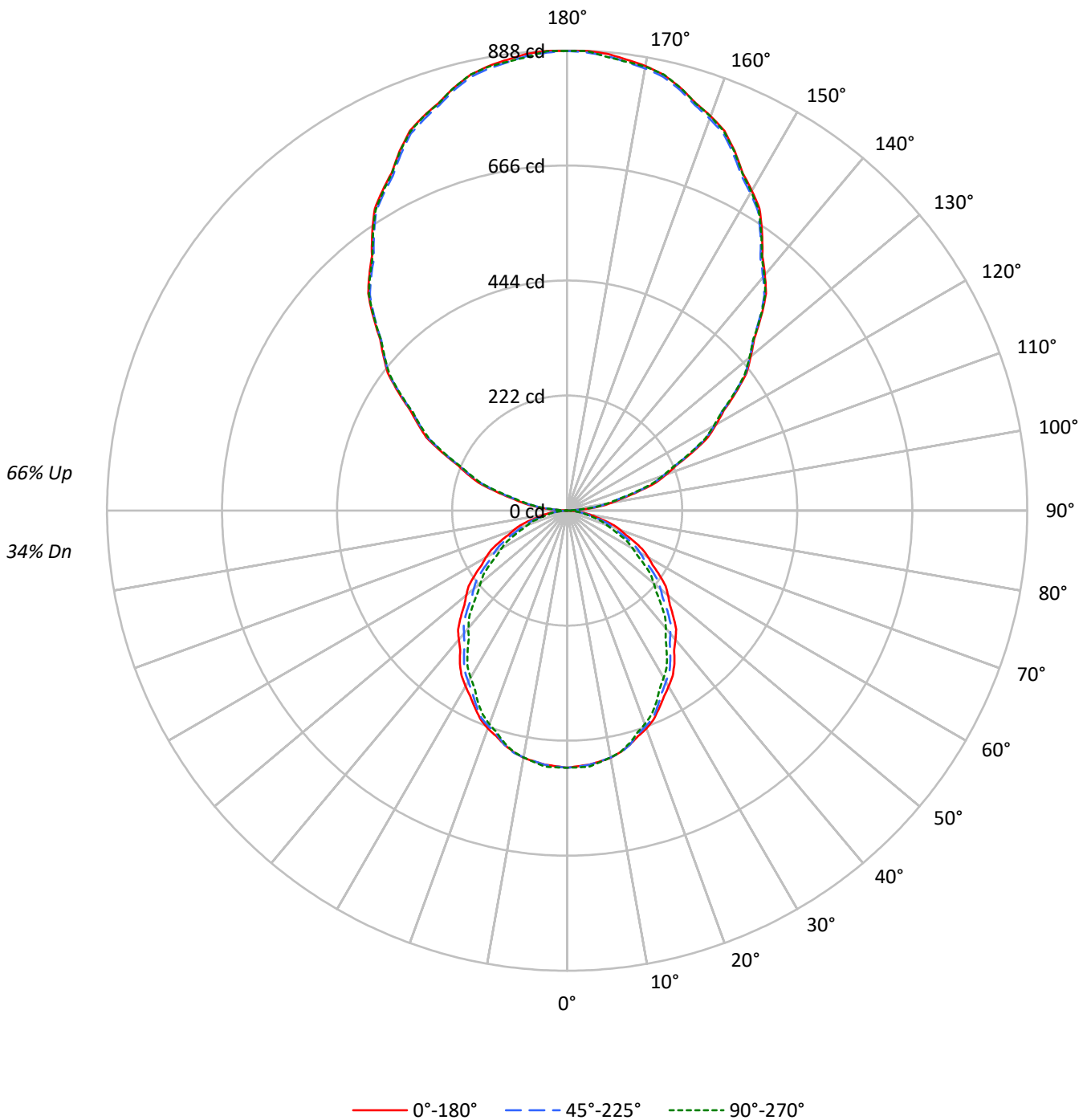
Lumens per Lamp: N/A
Luminaire Lumens: 3472.8 lumens
Efficiency: N/A
Efficacy: 141.7 lumens/watt
Spacing Criteria (0/90/45): 1.18 / 1.13 / 1.26
Luminous Opening: Rectangular (W 0.24' x L: 4' x H: 0')
CIE Type: Semi-Indirect

Input Watts (W): 24.5
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	0
RCR																		
0	103	103	103	103	93	93	93	93	75	75	75	57	57	57	42	42	42	34
1	94	90	86	83	85	82	78	76	65	63	61	51	49	48	37	36	35	29
2	86	79	73	68	77	71	66	62	57	54	51	45	42	40	33	31	30	25
3	78	69	62	57	71	63	57	52	51	46	43	39	37	34	29	27	26	21
4	72	61	54	48	65	56	49	44	45	40	37	35	32	29	26	24	22	18
5	66	55	47	41	59	50	43	38	40	35	32	32	28	25	23	21	19	16
6	61	49	41	35	55	45	38	33	36	31	27	29	25	22	21	19	17	14
7	56	44	36	31	50	40	33	29	33	28	24	26	22	20	19	17	15	12
8	52	40	32	27	47	37	30	25	30	25	21	24	20	17	18	15	14	11
9	48	36	29	24	44	33	27	23	27	22	19	22	18	16	16	14	12	10
10	45	33	26	22	41	31	24	20	25	20	17	20	17	14	15	13	11	9

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	5614	5614	5614
5°	5588	5593	5631
10°	5564	5556	5556
15°	5479	5479	5446
20°	5391	5335	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



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	46.8	1.3
10°-20°	131.5	3.8
20°-30°	190.9	5.5
30°-40°	217.0	6.2
40°-50°	210.6	6.1
50°-60°	177.8	5.1
60°-70°	126.5	3.6
70°-80°	67.6	1.9
80°-90°	17.9	0.5
90°-100°	37.5	1.1
100°-110°	146.6	4.2
110°-120°	261.4	7.5
120°-130°	353.7	10.2
130°-140°	406.6	11.7
140°-150°	408.0	11.7
150°-160°	350.9	10.1
160°-170°	237.5	6.8
170°-180°	83.8	2.4
0°-30°	369.3	10.6
0°-40°	586.3	16.9
0°-60°	974.7	28.1
0°-90°	1186.7	34.2
90°-120°	445.5	12.8
90°-150°	1613.8	46.5
90°-180°	2286.0	65.8
0°-180°	3472.8	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	496	496	496	496	496	
5°	492	498	492	492	496	47
15°	468	472	468	465	465	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	2
95°	36	33	29	27	28	41
105°	142	142	137	135	133	152
115°	267	268	262	261	260	264
125°	397	402	394	392	393	355
135°	529	534	526	522	527	408
145°	656	661	650	647	653	410
155°	765	772	759	756	764	352
165°	845	852	841	836	845	238
175°	885	893	881	875	879	84
180°	887	887	887	887	887	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	496.2	496.2	496.2	496.2	496.2
2.5°	493.7	498.6	494.3	494.8	495.9
5°	492.0	498.2	492.4	491.7	495.8
7.5°	488.2	493.8	487.8	486.4	489.5
10°	484.3	490.5	483.6	481.8	483.6
12.5°	477.2	483.7	478.2	475.4	476.8
15°	467.7	471.8	467.7	464.9	464.9
17.5°	456.1	460.4	452.7	450.7	449.8
20°	447.7	451.4	443.1	440.2	438.5
22.5°	436.4	439.9	432.9	427.6	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°	9.8	8.7	5.4	4.4	4.4
95°	36.0	32.7	29.2	27.2	27.9
97.5°	66.5	63.3	59.0	57.0	57.5
100°	87.7	85.1	80.3	78.2	78.2
102.5°	108.4	106.8	102.0	100.0	100.5
105°	142.1	141.5	136.7	134.6	133.3
107.5°	179.4	178.2	172.9	172.7	171.5
110°	203.4	202.7	197.9	197.2	196.6

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	227.8	228.8	223.5	222.8	222.1
115°	266.6	267.9	261.8	261.2	260.5
117.5°	306.3	308.2	301.7	301.0	299.8
120°	331.9	335.9	327.8	327.1	326.5
122.5°	358.0	361.5	353.9	352.7	352.6
125°	397.2	401.8	393.8	392.4	393.1
127.5°	436.4	441.2	433.6	431.0	432.4
130°	462.5	467.8	459.8	457.1	459.1
132.5°	489.1	494.5	486.4	483.8	486.8
135°	529.1	534.5	525.7	521.8	527.1
137.5°	568.2	572.8	563.3	560.5	566.1
140°	593.7	598.4	588.3	585.1	591.7
142.5°	618.8	624.0	612.8	609.6	616.7
145°	655.6	661.0	650.2	646.9	652.9
147.5°	691.0	696.5	685.6	681.8	687.9
150°	712.8	718.8	707.3	704.1	710.7
152.5°	734.0	740.5	728.5	724.8	733.0
155°	765.1	771.8	759.0	755.8	763.8
157.5°	793.2	799.3	787.7	784.5	791.4
160°	810.0	816.7	804.6	801.4	809.3
162.5°	824.7	831.4	820.4	816.1	824.0
165°	844.7	852.0	840.6	836.1	844.7
167.5°	861.4	869.3	857.2	853.1	861.7
170°	871.2	878.6	866.5	861.2	869.9
172.5°	877.8	885.1	873.0	867.7	873.7
175°	884.8	892.8	880.8	875.4	878.7
177.5°	888.0	894.4	884.7	880.0	887.4
180°	886.9	886.9	886.9	886.9	886.9



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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	11.46	12.19	12.55	13.27	14.75	10.38	11.11	11.47	12.19	13.68
	3H	13.12	13.77	14.21	14.86	16.36	11.79	12.44	12.88	13.53	15.03
	4H	13.74	14.36	14.85	15.45	16.96	12.30	12.92	13.40	14.01	15.51
	6H	14.12	14.69	15.23	15.78	17.30	12.61	13.18	13.72	14.27	15.79
	8H	14.25	14.79	15.37	15.90	17.41	12.73	13.27	13.84	14.38	15.89
	12H	14.32	14.83	15.44	15.93	17.47	12.80	13.31	13.92	14.42	15.95
4H	2H	11.85	12.47	12.96	13.56	15.07	10.99	11.61	12.11	12.71	14.21
	3H	13.73	14.25	14.85	15.36	16.88	12.60	13.12	13.72	14.23	15.75
	4H	14.47	14.95	15.59	16.05	17.59	13.20	13.68	14.32	14.78	16.32
	6H	14.97	15.37	16.10	16.50	18.03	13.61	14.01	14.74	15.14	16.67
	8H	15.16	15.53	16.28	16.66	18.20	13.78	14.15	14.90	15.28	16.82
	12H	15.25	15.59	16.39	16.73	18.28	13.87	14.22	15.02	15.35	16.90
8H	4H	14.59	14.97	15.72	16.09	17.64	13.45	13.83	14.58	14.96	16.50
	6H	15.20	15.52	16.35	16.68	18.23	13.98	14.29	15.13	15.45	17.00
	8H	15.48	15.75	16.63	16.90	18.46	14.23	14.50	15.38	15.65	17.21
	12H	15.64	15.88	16.80	17.02	18.62	14.40	14.64	15.56	15.78	17.38
12H	4H	14.56	14.90	15.70	16.04	17.59	13.45	13.79	14.59	14.93	16.48
	6H	15.22	15.49	16.38	16.64	18.20	14.03	14.31	15.19	15.45	17.01
	8H	15.51	15.75	16.67	16.90	18.49	14.31	14.55	15.47	15.69	17.29