

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: P1439499

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

Issue Date: 3/31/2026

Test Information

Test Method: LM-79-2024
Report Number: P1439499
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-030U-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 300 LUMENS PER FOOT
Light Source: 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

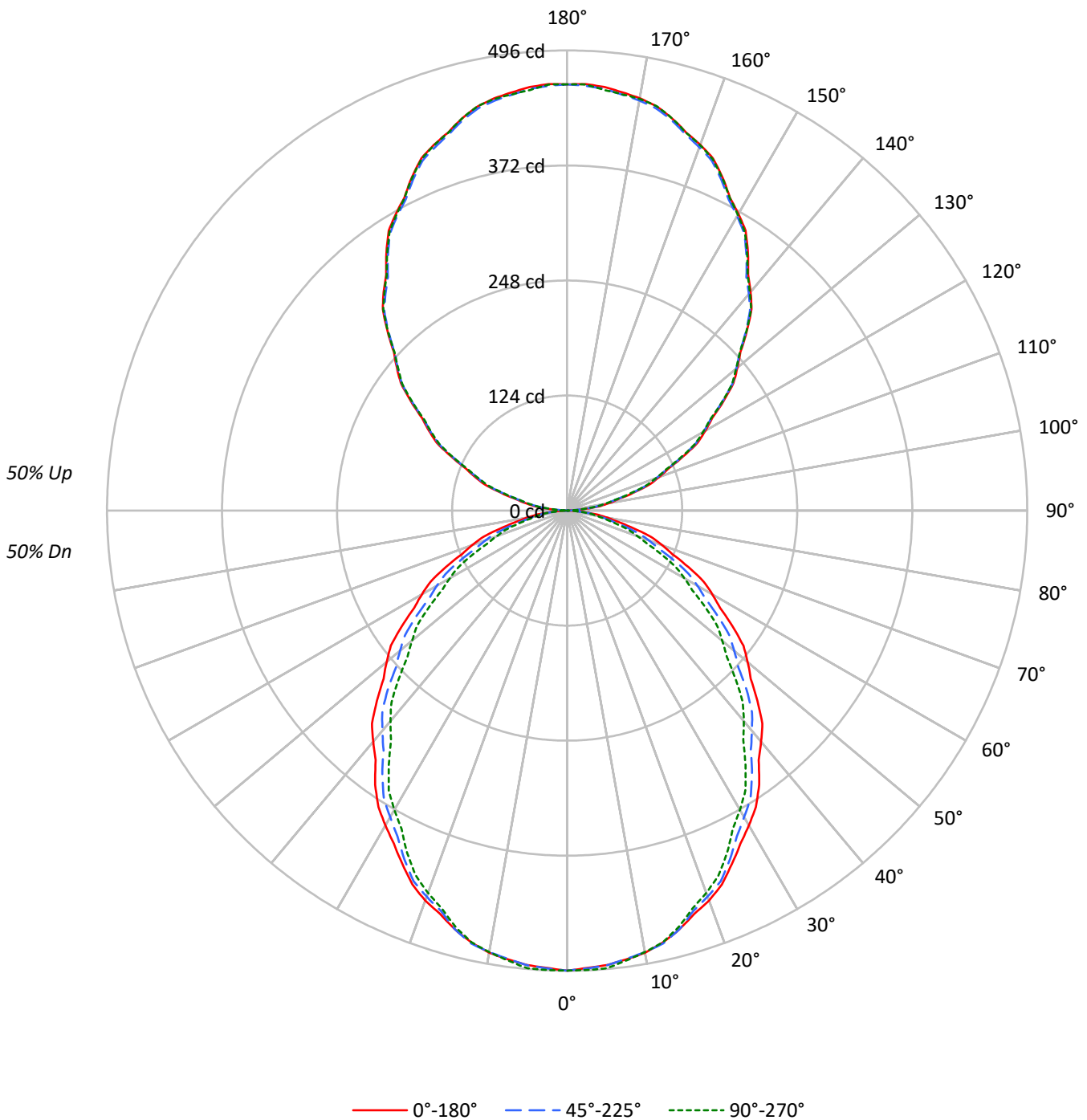
Lumens per Lamp: N/A
Luminaire Lumens: 2370.7 lumens
Efficiency: N/A
Efficacy: 142.0 lumens/watt
Spacing Criteria (0/90/45): 1.18 / 1.13 / 1.26
Luminous Opening: Rectangular (W 0.24' x L: 4' x H: 0')
CIE Type: General Diffuse

Input Watts (W): 16.7
Input Voltage (V): 120
Input Current (Ain): 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

TEST NUMBER: P1439499

CATALOG NUMBER: CB3-D-030U-030D-930-1D-UNV-STD-W-4

Luminous Intensity Polar Plot





TEST NUMBER: P1439499

CATALOG NUMBER: CB3-D-030U-030D-930-1D-UNV-STD-W-4

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	99	99	99	99	83	83	83	69	69	69	56	56	56	50				
1	98	94	90	86	90	87	83	80	73	71	69	61	60	58	50	49	48	43				
2	89	82	76	71	82	76	71	66	64	61	57	54	51	49	44	42	41	36				
3	82	72	65	59	75	67	61	56	57	52	48	48	44	41	39	37	35	31				
4	75	64	56	50	69	59	53	47	51	46	41	43	39	36	35	32	30	26				
5	69	57	49	43	63	53	46	41	46	40	36	38	34	31	32	29	26	23				
6	63	51	43	38	58	48	41	35	41	35	31	35	30	27	29	26	23	20				
7	59	46	38	33	54	43	36	31	37	32	28	32	27	24	26	23	21	18				
8	54	42	34	29	50	39	32	28	34	29	25	29	25	22	24	21	19	16				
9	51	39	31	26	47	36	29	25	31	26	22	27	22	19	22	19	17	15				
10	47	35	28	23	44	33	27	22	29	24	20	25	21	18	21	18	15	13				

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	5611	5611	5611
5°	5585	5588	5624
10°	5560	5552	5552
15°	5475	5475	5442
20°	5386	5332	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



TEST NUMBER: P1439499

CATALOG NUMBER: CB3-D-030U-030D-930-1D-UNV-STD-W-4

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	46.8	2.0
10°-20°	131.5	5.5
20°-30°	190.9	8.1
30°-40°	217.0	9.2
40°-50°	210.6	8.9
50°-60°	177.8	7.5
60°-70°	126.5	5.3
70°-80°	67.6	2.9
80°-90°	17.9	0.8
90°-100°	19.4	0.8
100°-110°	76.0	3.2
110°-120°	135.4	5.7
120°-130°	183.2	7.7
130°-140°	210.6	8.9
140°-150°	211.4	8.9
150°-160°	181.8	7.7
160°-170°	123.0	5.2
170°-180°	43.4	1.8
0°-30°	369.1	15.6
0°-40°	586.1	24.7
0°-60°	974.6	41.1
0°-90°	1186.6	50.1
90°-120°	230.8	9.7
90°-150°	836.0	35.3
90°-180°	1184.0	49.9
0°-180°	2370.7	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	496	496	496	496	496	
5°	492	498	492	491	495	47
15°	467	472	467	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	1
95°	19	17	15	14	14	21
105°	74	73	71	70	69	79
115°	138	139	136	135	135	137
125°	206	208	204	203	204	184
135°	274	277	272	270	273	211
145°	340	342	337	335	338	212
155°	396	400	393	392	396	182
165°	438	441	435	433	438	123
175°	458	462	456	454	455	43
180°	459	459	459	459	459	

TEST NUMBER: P1439499

CATALOG NUMBER: CB3-D-030U-030D-930-1D-UNV-STD-W-4

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	495.9	495.9	495.9	495.9	495.9
2.5°	493.4	498.3	493.9	494.5	495.6
5°	491.7	497.9	492.0	491.4	495.2
7.5°	487.9	493.5	487.5	486.0	489.1
10°	483.9	490.1	483.2	481.5	483.2
12.5°	476.9	483.4	477.9	475.0	476.5
15°	467.4	471.5	467.4	464.6	464.6
17.5°	455.8	460.1	452.3	450.3	449.5
20°	447.3	451.1	442.8	439.9	438.5
22.5°	436.1	439.6	432.6	427.5	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°	5.1	4.5	2.8	2.3	2.3
95°	18.7	16.9	15.1	14.1	14.4
97.5°	34.5	32.8	30.6	29.5	29.8
100°	45.4	44.1	41.6	40.5	40.5
102.5°	56.2	55.3	52.8	51.8	52.1
105°	73.6	73.3	70.8	69.7	69.1
107.5°	92.9	92.3	89.6	89.5	88.9
110°	105.3	105.0	102.5	102.2	101.8

TEST NUMBER: P1439499

CATALOG NUMBER: CB3-D-030U-030D-930-1D-UNV-STD-W-4

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	118.0	118.5	115.8	115.4	115.1
115°	138.1	138.8	135.6	135.3	134.9
117.5°	158.7	159.6	156.3	155.9	155.3
120°	171.9	174.0	169.8	169.4	169.1
122.5°	185.5	187.2	183.3	182.7	182.6
125°	205.7	208.2	204.0	203.3	203.6
127.5°	226.0	228.5	224.6	223.2	224.0
130°	239.6	242.3	238.2	236.8	237.8
132.5°	253.4	256.1	252.0	250.6	252.2
135°	274.1	276.8	272.3	270.3	273.0
137.5°	294.3	296.7	291.8	290.4	293.3
140°	307.6	310.0	304.7	303.1	306.5
142.5°	320.5	323.2	317.4	315.7	319.5
145°	339.6	342.4	336.8	335.1	338.2
147.5°	357.9	360.8	355.1	353.1	356.3
150°	369.2	372.3	366.4	364.7	368.2
152.5°	380.2	383.6	377.4	375.4	379.7
155°	396.3	399.8	393.2	391.5	395.6
157.5°	410.9	414.0	408.0	406.4	409.9
160°	419.6	423.0	416.8	415.1	419.2
162.5°	427.2	430.6	424.9	422.7	426.8
165°	437.6	441.3	435.4	433.1	437.6
167.5°	446.2	450.3	444.0	441.9	446.4
170°	451.3	455.1	448.8	446.1	450.6
172.5°	454.7	458.5	452.2	449.5	452.6
175°	458.3	462.5	456.2	453.5	455.2
177.5°	460.0	463.3	458.3	455.8	459.7
180°	459.4	459.4	459.4	459.4	459.4



TEST NUMBER: P1439499
 CATALOG NUMBER: CB3-D-030U-030D-930-1D-UNV-STD-W-4

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	13.14	13.99	14.10	14.97	16.24	12.07	12.92	13.02	13.89	15.16
	3H	14.81	15.57	15.78	16.55	17.85	13.48	14.24	14.45	15.22	16.52
	4H	15.44	16.16	16.42	17.15	18.45	14.00	14.72	14.98	15.70	17.00
	6H	15.82	16.49	16.82	17.48	18.79	14.31	14.98	15.31	15.97	17.28
	8H	15.96	16.59	16.96	17.60	18.91	14.44	15.07	15.44	16.08	17.39
	12H	16.03	16.63	17.03	17.63	18.97	14.51	15.11	15.52	16.11	17.45
4H	2H	13.55	14.27	14.54	15.26	16.56	12.69	13.41	13.68	14.40	15.70
	3H	15.44	16.04	16.44	17.05	18.37	14.31	14.91	15.31	15.93	17.24
	4H	16.19	16.74	17.19	17.74	19.08	14.92	15.47	15.92	16.47	17.81
	6H	16.69	17.16	17.71	18.19	19.53	15.33	15.80	16.35	16.83	18.17
	8H	16.88	17.32	17.90	18.34	19.70	15.50	15.94	16.52	16.96	18.32
	12H	16.98	17.37	18.01	18.41	19.77	15.60	16.00	16.64	17.04	18.40
8H	4H	16.32	16.76	17.34	17.78	19.13	15.18	15.62	16.20	16.64	17.99
	6H	16.93	17.30	17.98	18.36	19.71	15.71	16.07	16.75	17.14	18.48
	8H	17.21	17.53	18.26	18.58	19.95	15.96	16.28	17.01	17.33	18.70
	12H	17.37	17.65	18.43	18.70	20.11	16.13	16.42	17.19	17.46	18.87
12H	4H	16.29	16.69	17.33	17.73	19.08	15.18	15.58	16.22	16.62	17.97
	6H	16.95	17.27	18.00	18.32	19.69	15.76	16.08	16.81	17.13	18.50
	8H	17.25	17.53	18.30	18.58	19.99	16.04	16.33	17.10	17.37	18.78