

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: P1439507

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

Issue Date: 3/31/2026

Test Information

Test Method: LM-79-2024
Report Number: P1439507
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-055D-930-1D-UNV-STD-W-4
Description: CORELITE BASIC SLOT LED LUMINAIRE, DIFFUSER DUST COVER UPLIGHT
3-INCH APERTURE
DOWNLIGHT 550 LUMENS PER FOOT
UPLIGHT 300 LUMENS PER FOOT
Light Source: 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

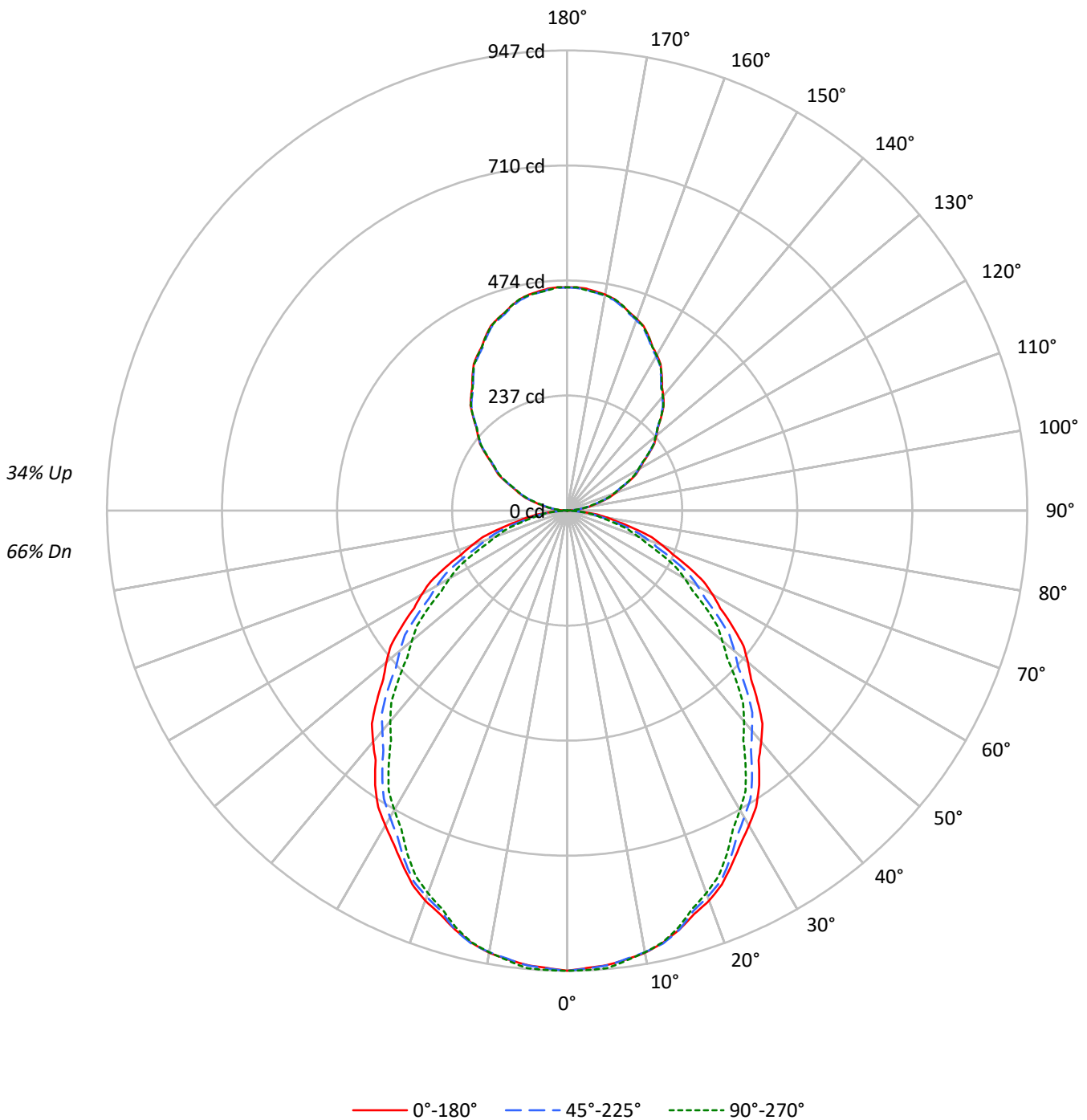
Lumens per Lamp: N/A
Luminaire Lumens: 3450.8 lumens
Efficiency: N/A
Efficacy: 139.7 lumens/watt
Spacing Criteria (0/90/45): 1.18 / 1.13 / 1.26
Luminous Opening: Rectangular (W 0.24' x L: 4' x H: 0')
CIE Type: Semi-Direct

Input Watts (W): 24.7
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

TEST NUMBER: P1439507

CATALOG NUMBER: CB3-D-030U-055D-930-1D-UNV-STD-W-4

Luminous Intensity Polar Plot





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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	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	50	30	10	0														
RCR																																						
0	111	111	111	111	104	104	104	104	92	92	92	81	81	81	71	71	71	66																				
1	102	97	93	90	95	92	88	85	81	79	76	72	70	68	63	61	60	56																				
2	93	85	79	74	87	80	75	70	71	67	64	63	60	57	56	53	51	47																				
3	85	75	68	62	79	71	64	59	63	58	54	56	52	49	49	46	44	40																				
4	78	67	59	53	73	63	56	50	56	51	46	50	46	42	44	41	38	35																				
5	71	60	51	45	67	57	49	44	51	45	40	45	40	36	40	36	33	30																				
6	66	54	45	40	62	51	43	38	46	40	35	41	36	32	36	32	29	27																				
7	61	49	41	35	57	46	39	34	42	36	31	37	32	29	33	29	26	24																				
8	57	44	36	31	53	42	35	30	38	32	28	34	29	26	31	27	24	21																				
9	53	41	33	28	50	39	32	27	35	29	25	32	27	23	28	24	21	19																				
10	50	37	30	25	47	36	29	24	32	27	23	29	24	21	26	22	19	18																				

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	10715	10715	10715
5°	10665	10672	10738
10°	10618	10602	10602
15°	10456	10456	10392
20°	10285	10180	10088
25°	10022	9896	9720
30°	9776	9522	9293
35°	9520	9166	8841
40°	9177	8739	8361
45°	8865	8359	7842
50°	8544	7905	7338
55°	8196	7466	6857
60°	7821	7015	6314
65°	7381	6498	5743
70°	6874	5895	5114
75°	6230	5172	4555
80°	5434	4340	4033
85°	4193	3661	3661

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 8865 cd/sqm



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CATALOG NUMBER: CB3-D-030U-055D-930-1D-UNV-STD-W-4

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	89.4	2.6
10°-20°	251.0	7.3
20°-30°	364.6	10.6
30°-40°	414.5	12.0
40°-50°	402.4	11.7
50°-60°	339.7	9.8
60°-70°	241.7	7.0
70°-80°	129.1	3.7
80°-90°	34.1	1.0
90°-100°	19.4	0.6
100°-110°	76.0	2.2
110°-120°	135.4	3.9
120°-130°	183.2	5.3
130°-140°	210.6	6.1
140°-150°	211.4	6.1
150°-160°	181.8	5.3
160°-170°	123.0	3.6
170°-180°	43.4	1.3
0°-30°	705.0	20.4
0°-40°	1119.5	32.4
0°-60°	1861.7	53.9
0°-90°	2266.6	65.7
90°-120°	230.8	6.7
90°-150°	836.0	24.2
90°-180°	1184.0	34.3
0°-180°	3450.8	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	947	947	947	947	947	
5°	939	951	940	938	945	89
15°	893	900	893	887	887	251
25°	803	805	793	782	779	370
35°	689	683	664	644	640	429
45°	554	546	522	497	490	427
55°	416	404	378	354	348	371
65°	276	266	243	221	214	273
75°	142	135	118	106	104	152
85°	32	30	28	28	28	38
90°	0	0	0	0	0	2
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	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	947.0	947.0	947.0	947.0	947.0
2.5°	942.2	951.6	943.3	944.4	946.5
5°	939.0	950.8	939.6	938.4	945.4
7.5°	931.7	942.5	930.9	928.2	934.1
10°	924.2	936.0	922.8	919.5	922.8
12.5°	910.7	923.1	912.6	907.1	909.9
15°	892.6	900.5	892.6	887.2	887.2
17.5°	870.4	878.7	863.8	860.0	858.5
20°	854.2	861.5	845.5	840.1	837.8
22.5°	832.7	839.4	826.1	816.7	814.1
25°	802.8	805.4	792.7	781.9	778.6
27.5°	773.1	773.7	756.3	743.1	738.8
30°	748.3	749.0	728.8	714.6	711.3
32.5°	723.6	721.6	702.5	685.6	683.4
35°	689.2	682.6	663.6	644.0	640.1
37.5°	647.6	643.7	621.3	601.6	595.7
40°	621.3	614.7	591.7	572.0	566.1
42.5°	594.9	587.3	563.7	541.9	535.5
45°	554.0	545.5	522.4	497.4	490.1
47.5°	512.9	503.5	478.2	453.9	445.9
50°	485.4	475.6	449.1	425.4	416.9
52.5°	457.5	447.1	420.6	396.4	389.4
55°	415.5	404.3	378.5	354.2	347.6
57.5°	373.6	362.5	336.8	313.8	305.9
60°	345.6	335.1	310.0	286.9	279.0
62.5°	317.1	307.1	282.5	260.0	252.7
65°	275.7	265.8	242.7	221.1	214.5
67.5°	234.7	226.2	203.5	183.6	178.3
70°	207.8	199.9	178.2	159.9	154.6
72.5°	181.9	173.5	152.9	137.3	133.7
75°	142.5	134.6	118.3	106.2	104.2
77.5°	106.5	100.1	85.9	79.0	78.0
80°	83.4	77.5	66.6	61.9	61.9
82.5°	61.9	57.0	49.9	47.9	47.9
85°	32.3	29.6	28.2	28.2	28.2
87.5°	9.7	9.7	9.1	8.6	8.6
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: P1439507

CATALOG NUMBER: CB3-D-030U-055D-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



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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	16.73	17.73	17.54	18.57	19.60	15.65	16.65	16.46	17.49	18.52
	3H	18.40	19.31	19.23	20.15	21.21	17.07	17.98	17.90	18.82	19.88
	4H	19.04	19.89	19.88	20.74	21.81	17.60	18.45	18.44	19.30	20.37
	6H	19.43	20.22	20.29	21.08	22.16	17.92	18.71	18.78	19.57	20.65
	8H	19.58	20.32	20.44	21.20	22.28	18.05	18.80	18.91	19.67	20.76
	12H	19.65	20.36	20.52	21.23	22.34	18.13	18.84	19.00	19.71	20.82
4H	2H	17.15	18.00	18.00	18.85	19.92	16.29	17.15	17.14	18.00	19.06
	3H	19.06	19.77	19.91	20.65	21.73	17.93	18.64	18.78	19.52	20.60
	4H	19.81	20.46	20.68	21.34	22.45	18.54	19.18	19.41	20.06	21.18
	6H	20.32	20.88	21.21	21.78	22.90	18.96	19.52	19.84	20.42	21.53
	8H	20.51	21.04	21.40	21.93	23.06	19.13	19.65	20.02	20.55	21.68
	12H	20.62	21.09	21.53	22.01	23.14	19.24	19.71	20.15	20.63	21.76
8H	4H	19.95	20.47	20.84	21.37	22.50	18.81	19.33	19.70	20.23	21.36
	6H	20.58	21.01	21.49	21.95	23.07	19.35	19.78	20.26	20.72	21.84
	8H	20.85	21.23	21.78	22.17	23.31	19.60	19.98	20.53	20.91	22.06
	12H	21.02	21.36	21.95	22.28	23.48	19.78	20.12	20.71	21.04	22.24
12H	4H	19.93	20.40	20.84	21.32	22.45	18.82	19.29	19.73	20.21	21.34
	6H	20.59	20.98	21.52	21.91	23.05	19.40	19.79	20.33	20.72	21.86
	8H	20.90	21.24	21.83	22.16	23.36	19.69	20.03	20.62	20.95	22.15