

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: P1439501

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

Issue Date: 3/31/2026

Test Information

Test Method: LM-79-2024
Report Number: P1439501
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-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 300 LUMENS PER FOOT
Light Source: 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

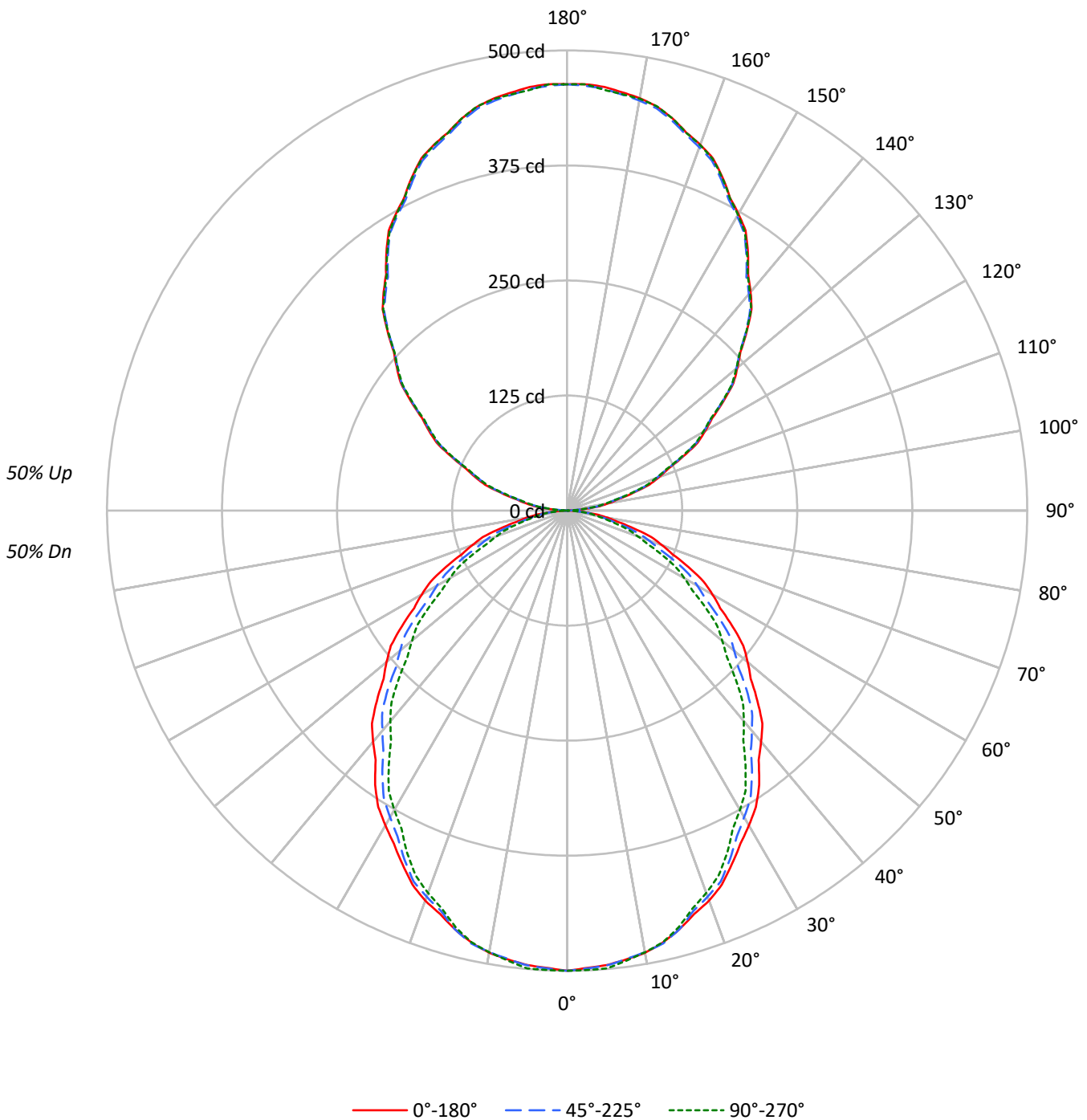
Lumens per Lamp: N/A
Luminaire Lumens: 2390.2 lumens
Efficiency: N/A
Efficacy: 143.1 lumens/watt
Spacing Criteria (0/90/45): 1.18 / 1.13 / 1.26
Luminous Opening: Rectangular (W 0.24' x L: 4' x H: 0')
CIE Type: General Diffuse

Input Watts (W): 16.7
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

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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	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°	5657	5657	5657
5°	5630	5635	5671
10°	5606	5597	5597
15°	5519	5519	5487
20°	5430	5375	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°	47.2	2.0
10°-20°	132.5	5.5
20°-30°	192.5	8.1
30°-40°	218.8	9.2
40°-50°	212.4	8.9
50°-60°	179.3	7.5
60°-70°	127.6	5.3
70°-80°	68.2	2.9
80°-90°	18.0	0.8
90°-100°	19.6	0.8
100°-110°	76.6	3.2
110°-120°	136.5	5.7
120°-130°	184.7	7.7
130°-140°	212.4	8.9
140°-150°	213.1	8.9
150°-160°	183.3	7.7
160°-170°	124.1	5.2
170°-180°	43.8	1.8
0°-30°	372.2	15.6
0°-40°	590.9	24.7
0°-60°	982.6	41.1
0°-90°	1196.3	50.1
90°-120°	232.7	9.7
90°-150°	842.9	35.3
90°-180°	1194.0	50.0
0°-180°	2390.2	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	500	500	500	500	500	
5°	496	502	496	496	499	47
15°	471	475	471	468	468	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	1
95°	19	17	15	14	15	21
105°	74	74	71	70	70	79
115°	139	140	137	136	136	138
125°	207	210	206	205	205	185
135°	276	279	275	272	275	213
145°	342	345	340	338	341	214
155°	400	403	396	395	399	184
165°	441	445	439	437	441	124
175°	462	466	460	457	459	44
180°	463	463	463	463	463	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	500.0	500.0	500.0	500.0	500.0
2.5°	497.4	502.4	498.0	498.6	499.7
5°	495.7	502.0	496.1	495.5	499.3
7.5°	491.9	497.6	491.5	490.0	493.2
10°	487.9	494.2	487.2	485.5	487.2
12.5°	480.8	487.3	481.8	478.9	480.4
15°	471.2	475.4	471.2	468.4	468.4
17.5°	459.5	463.9	456.0	454.0	453.2
20°	451.0	454.8	446.4	443.5	442.1
22.5°	439.7	443.2	436.2	431.0	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°	5.1	4.6	2.8	2.3	2.3
95°	18.8	17.1	15.3	14.2	14.6
97.5°	34.7	33.1	30.8	29.8	30.0
100°	45.8	44.4	41.9	40.8	40.8
102.5°	56.6	55.8	53.3	52.2	52.5
105°	74.2	73.9	71.4	70.3	69.6
107.5°	93.7	93.1	90.3	90.2	89.6
110°	106.2	105.9	103.4	103.0	102.7



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	119.0	119.5	116.7	116.4	116.0
115°	139.2	139.9	136.8	136.4	136.0
117.5°	160.0	161.0	157.6	157.2	156.6
120°	173.3	175.4	171.2	170.8	170.5
122.5°	187.0	188.8	184.8	184.2	184.1
125°	207.4	209.9	205.7	205.0	205.3
127.5°	227.9	230.4	226.5	225.1	225.8
130°	241.5	244.3	240.1	238.7	239.8
132.5°	255.5	258.2	254.0	252.7	254.3
135°	276.3	279.1	274.6	272.5	275.3
137.5°	296.7	299.2	294.2	292.8	295.7
140°	310.1	312.5	307.2	305.6	309.0
142.5°	323.2	325.9	320.0	318.3	322.1
145°	342.4	345.2	339.6	337.9	341.0
147.5°	360.9	363.7	358.0	356.1	359.2
150°	372.2	375.4	369.4	367.7	371.2
152.5°	383.3	386.7	380.5	378.5	382.8
155°	399.6	403.1	396.4	394.7	398.9
157.5°	414.2	417.4	411.4	409.7	413.3
160°	423.0	426.5	420.2	418.5	422.7
162.5°	430.7	434.2	428.4	426.2	430.4
165°	441.2	445.0	439.0	436.6	441.2
167.5°	449.9	454.0	447.7	445.5	450.0
170°	455.0	458.8	452.5	449.8	454.3
172.5°	458.4	462.2	455.9	453.2	456.3
175°	462.1	466.3	460.0	457.2	458.9
177.5°	463.7	467.1	462.0	459.6	463.5
180°	463.2	463.2	463.2	463.2	463.2

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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	13.17	14.02	14.13	14.99	16.27	12.09	12.94	13.05	13.92	15.19
	3H	14.84	15.60	15.81	16.58	17.87	13.51	14.27	14.48	15.25	16.54
	4H	15.47	16.19	16.45	17.17	18.48	14.02	14.74	15.01	15.73	17.03
	6H	15.85	16.52	16.85	17.51	18.82	14.34	15.00	15.33	15.99	17.31
	8H	15.99	16.62	16.99	17.63	18.94	14.46	15.09	15.46	16.10	17.41
	12H	16.05	16.66	17.06	17.66	18.99	14.54	15.14	15.54	16.14	17.48
4H	2H	13.58	14.30	14.57	15.28	16.59	12.72	13.44	13.71	14.43	15.73
	3H	15.47	16.07	16.47	17.08	18.40	14.34	14.94	15.34	15.95	17.27
	4H	16.22	16.76	17.22	17.77	19.11	14.94	15.49	15.95	16.50	17.84
	6H	16.72	17.19	17.74	18.22	19.56	15.35	15.83	16.37	16.86	18.20
	8H	16.91	17.35	17.93	18.37	19.72	15.53	15.97	16.54	16.99	18.34
	12H	17.00	17.40	18.04	18.44	19.80	15.63	16.03	16.67	17.07	18.42
8H	4H	16.34	16.78	17.36	17.81	19.16	15.20	15.65	16.22	16.67	18.02
	6H	16.96	17.33	18.01	18.39	19.74	15.73	16.10	16.78	17.16	18.51
	8H	17.24	17.56	18.29	18.61	19.98	15.98	16.31	17.04	17.36	18.72
	12H	17.40	17.68	18.46	18.73	20.14	16.16	16.44	17.22	17.49	18.90
12H	4H	16.32	16.71	17.35	17.75	19.11	15.21	15.60	16.24	16.64	18.00
	6H	16.98	17.30	18.03	18.35	19.72	15.79	16.11	16.84	17.16	18.53
	8H	17.28	17.56	18.33	18.61	20.02	16.07	16.35	17.13	17.40	18.81