

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: P1439502

Luminaire Tested: CB3-D-030U-030D-935-1D-UNV-STD-W-8

Issue Date: 3/31/2026

Test Information

Test Method: LM-79-2024
Report Number: P1439502
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-8
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

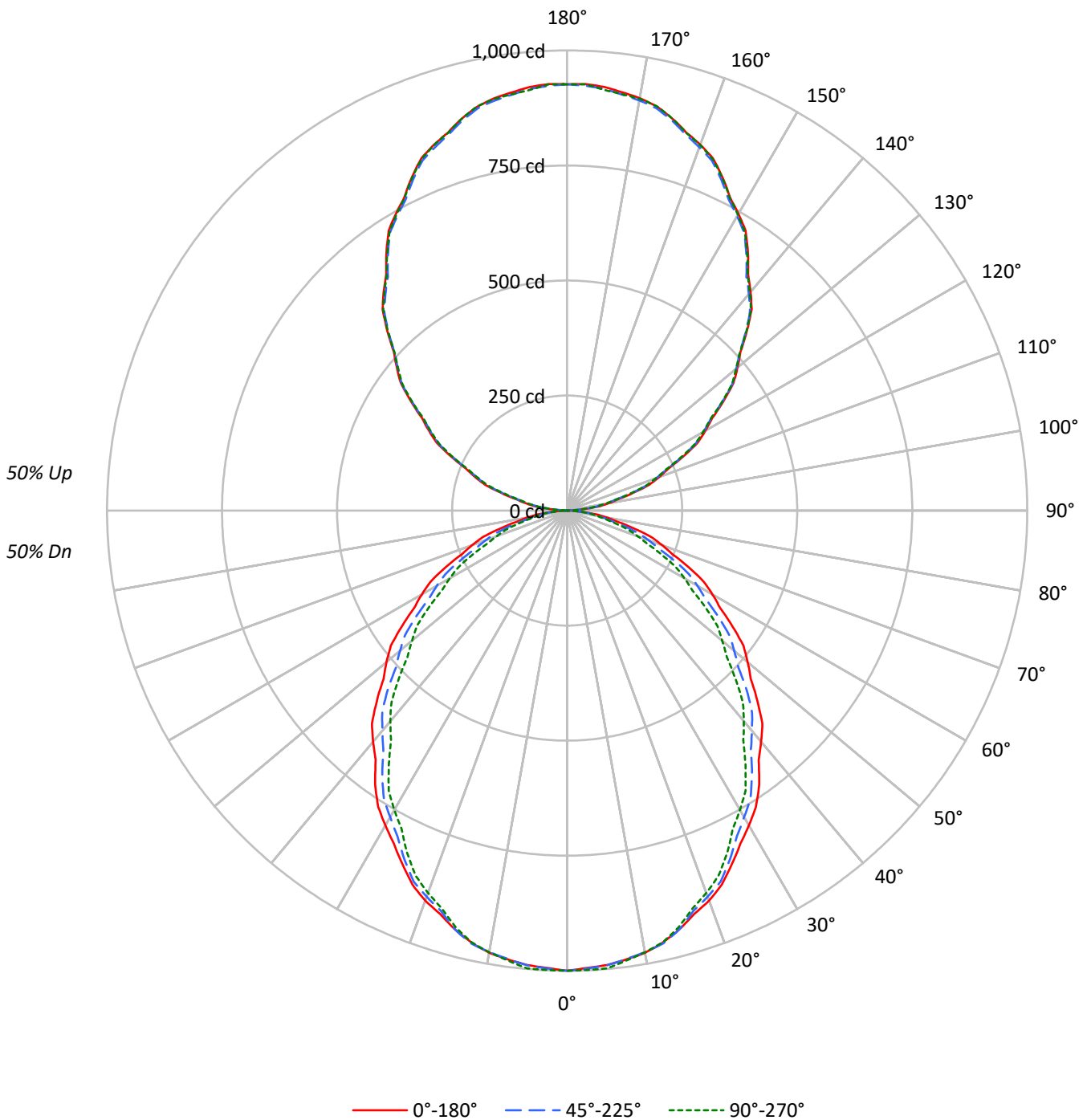
Lumens per Lamp: N/A
Luminaire Lumens: 4780.5 lumens
Efficiency: N/A
Efficacy: 138.2 lumens/watt
Spacing Criteria (0/90/45): 1.18 / 1.13 / 1.26
Luminous Opening: Rectangular (W 0.24' x L: 8' x H: 0')
CIE Type: General Diffuse

Input Watts (W): 34.6
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	5634	5670
10°	5606	5597	5597
15°	5520	5520	5487
20°	5430	5375	5324
25°	5290	5223	5130
30°	5160	5025	4905
35°	5024	4838	4666
40°	4843	4612	4413
45°	4679	4412	4140
50°	4510	4173	3873
55°	4326	3941	3619
60°	4128	3702	3332
65°	3895	3430	3031
70°	3627	3111	2699
75°	3290	2730	2404
80°	2867	2290	2127
85°	2213	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°	94.3	2.0
10°-20°	265.1	5.5
20°-30°	384.9	8.1
30°-40°	437.5	9.2
40°-50°	424.7	8.9
50°-60°	358.6	7.5
60°-70°	255.1	5.3
70°-80°	136.3	2.9
80°-90°	36.0	0.8
90°-100°	39.1	0.8
100°-110°	153.2	3.2
110°-120°	273.0	5.7
120°-130°	369.4	7.7
130°-140°	424.7	8.9
140°-150°	426.2	8.9
150°-160°	366.5	7.7
160°-170°	248.1	5.2
170°-180°	87.5	1.8
0°-30°	744.3	15.6
0°-40°	1181.9	24.7
0°-60°	1965.2	41.1
0°-90°	2392.7	50.1
90°-120°	465.3	9.7
90°-150°	1685.7	35.3
90°-180°	2388.0	50.0
0°-180°	4780.5	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1000	1000	1000	1000	1000	
5°	991	1004	992	991	998	94
15°	942	951	942	937	937	265
25°	847	850	837	825	822	391
35°	727	720	700	680	676	453
45°	585	576	551	525	517	451
55°	439	427	400	374	367	392
65°	291	281	256	233	226	288
75°	150	142	125	112	110	160
85°	34	31	30	30	30	40
90°	0	0	0	0	0	3
95°	38	34	30	28	29	43
105°	148	148	143	141	139	158
115°	278	280	274	273	272	276
125°	415	420	411	410	411	371
135°	553	558	549	545	551	426
145°	685	690	679	676	682	428
155°	799	806	793	789	798	368
165°	882	890	878	873	882	249
175°	924	933	920	914	918	88
180°	926	926	926	926	926	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1000.0	1000.0	1000.0	1000.0	1000.0
2.5°	994.8	1004.8	996.0	997.2	999.4
5°	991.4	1003.9	992.1	990.9	998.5
7.5°	983.8	995.2	982.9	980.1	986.3
10°	975.8	988.3	974.4	970.9	974.4
12.5°	961.6	974.7	963.6	957.9	960.8
15°	942.5	950.8	942.5	936.8	936.8
17.5°	919.0	927.8	912.1	908.1	906.4
20°	902.0	909.6	892.8	887.1	884.3
22.5°	879.3	886.4	872.4	862.1	859.3
25°	847.4	850.1	836.7	825.3	821.8
27.5°	816.0	816.7	798.3	784.4	779.8
30°	789.9	790.6	769.3	754.3	750.9
32.5°	763.8	761.7	741.5	723.7	721.3
35°	727.4	720.5	700.5	679.8	675.6
37.5°	683.6	679.4	655.8	635.0	628.8
40°	655.8	648.8	624.5	603.8	597.6
42.5°	627.9	619.9	595.0	572.0	565.2
45°	584.8	575.8	551.4	525.0	517.4
47.5°	541.4	531.5	504.7	479.1	470.7
50°	512.4	502.0	474.1	449.0	440.0
52.5°	482.9	471.9	444.0	418.4	411.1
55°	438.6	426.8	399.6	373.8	366.9
57.5°	394.3	382.6	355.6	331.2	322.9
60°	364.8	353.7	327.2	302.8	294.5
62.5°	334.7	324.1	298.2	274.5	266.7
65°	291.0	280.6	256.2	233.3	226.4
67.5°	247.7	238.8	214.8	193.8	188.2
70°	219.3	211.0	188.1	168.8	163.2
72.5°	192.0	183.2	161.4	145.0	141.1
75°	150.5	142.1	124.9	112.1	110.0
77.5°	112.4	105.6	90.7	83.4	82.3
80°	88.0	81.8	70.3	65.3	65.3
82.5°	65.3	60.2	52.7	50.5	50.5
85°	34.1	31.3	29.8	29.8	29.8
87.5°	10.2	10.2	9.7	9.1	9.1
90°	0.0	0.0	0.0	0.0	0.0
92.5°	10.2	9.1	5.7	4.5	4.5
95°	37.7	34.2	30.5	28.4	29.1
97.5°	69.5	66.1	61.7	59.5	60.1
100°	91.6	88.9	83.8	81.7	81.7
102.5°	113.2	111.6	106.6	104.4	105.0
105°	148.5	147.8	142.8	140.6	139.2
107.5°	187.4	186.2	180.6	180.4	179.2
110°	212.4	211.7	206.7	206.0	205.3



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	238.0	239.0	233.4	232.7	232.0
115°	278.5	279.9	273.5	272.8	272.1
117.5°	320.0	321.9	315.1	314.4	313.1
120°	346.7	350.8	342.4	341.7	341.0
122.5°	374.0	377.6	369.7	368.4	368.3
125°	414.9	419.7	411.3	409.9	410.6
127.5°	455.8	460.8	453.0	450.1	451.7
130°	483.1	488.6	480.2	477.4	479.5
132.5°	510.9	516.5	508.1	505.3	508.5
135°	552.7	558.2	549.1	545.0	550.6
137.5°	593.5	598.3	588.4	585.5	591.3
140°	620.2	625.0	614.5	611.1	618.0
142.5°	646.3	651.7	640.1	636.7	644.2
145°	684.8	690.4	679.1	675.7	682.0
147.5°	721.8	727.5	716.1	712.1	718.5
150°	744.5	750.8	738.8	735.4	742.4
152.5°	766.7	773.5	761.0	757.1	765.7
155°	799.2	806.1	792.8	789.4	797.8
157.5°	828.5	834.9	822.8	819.4	826.6
160°	846.1	853.0	840.4	837.0	845.4
162.5°	861.4	868.4	856.9	852.4	860.7
165°	882.3	890.0	878.1	873.3	882.3
167.5°	899.8	908.0	895.4	891.0	900.1
170°	910.0	917.7	905.1	899.6	908.6
172.5°	916.8	924.5	911.9	906.3	912.6
175°	924.2	932.6	920.0	914.4	917.8
177.5°	927.5	934.2	924.1	919.2	926.9
180°	926.4	926.4	926.4	926.4	926.4



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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	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	17.88	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	16.06	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	15.36	15.83	16.37	16.86	18.20
	8H	16.91	17.35	17.93	18.37	19.72	15.53	15.97	16.55	16.99	18.34
	12H	17.01	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	18.73
	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