

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: P1439500

Luminaire Tested: CB3-D-030U-030D-930-1D-UNV-STD-W-8

Issue Date: 3/31/2026

Test Information

Test Method: LM-79-2024
Report Number: P1439500
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-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: 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

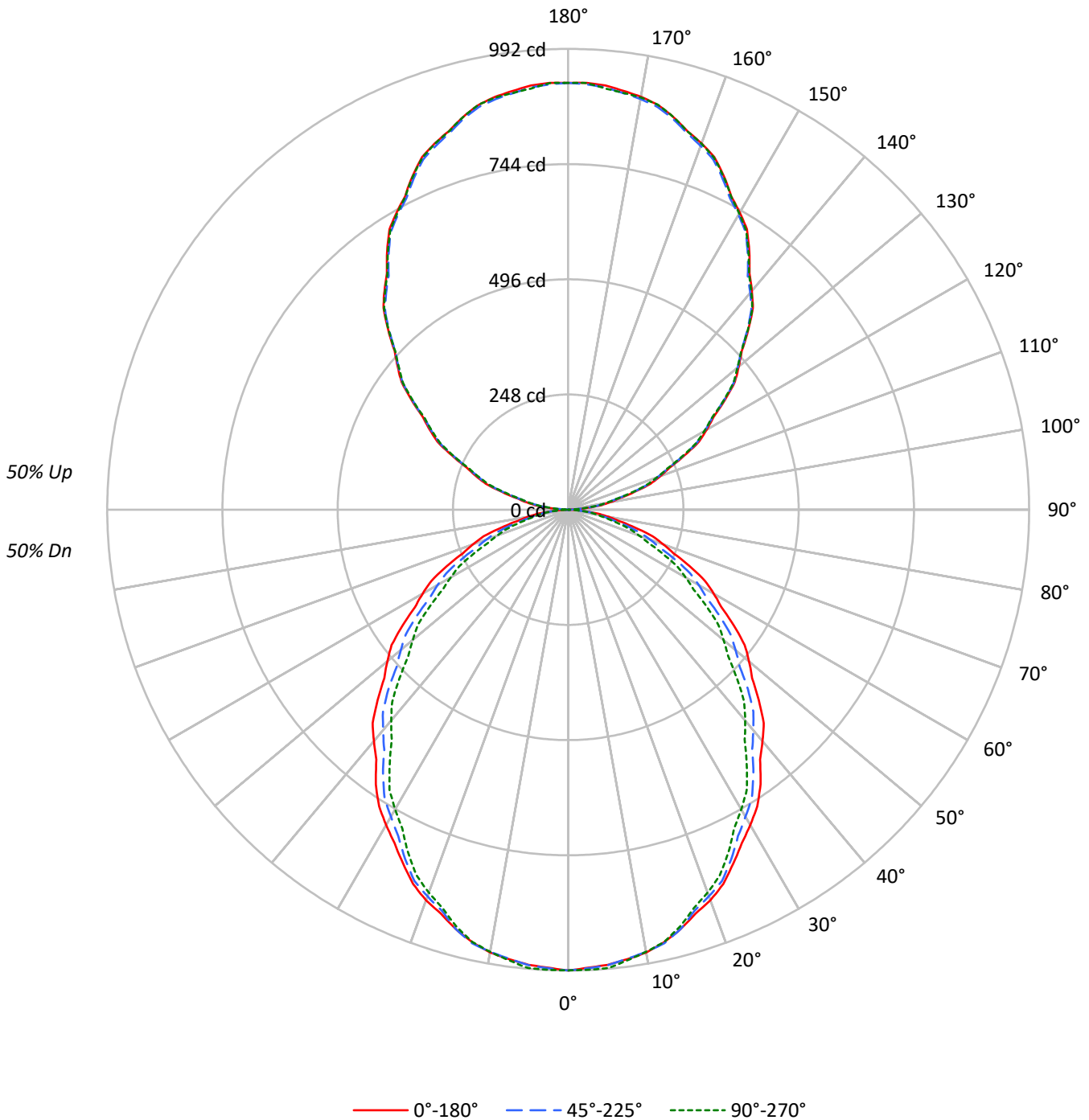
Lumens per Lamp: N/A
Luminaire Lumens: 4741.5 lumens
Efficiency: N/A
Efficacy: 137.0 lumens/watt
Spacing Criteria (0/90/45): 1.18 / 1.13 / 1.26
Luminous Opening: Rectangular (W 0.24' x L: 8' x H: 0')
CIE Type: General Diffuse

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°	5611	5611	5611
5°	5584	5589	5624
10°	5560	5552	5552
15°	5475	5475	5442
20°	5386	5331	5280
25°	5247	5180	5088
30°	5118	4984	4865
35°	4983	4798	4628
40°	4803	4574	4377
45°	4640	4376	4105
50°	4473	4138	3841
55°	4290	3909	3589
60°	4094	3672	3305
65°	3863	3401	3005
70°	3598	3085	2678
75°	3261	2708	2385
80°	2844	2271	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°	93.6	2.0
10°-20°	262.9	5.5
20°-30°	381.8	8.1
30°-40°	434.0	9.2
40°-50°	421.3	8.9
50°-60°	355.7	7.5
60°-70°	253.1	5.3
70°-80°	135.2	2.9
80°-90°	35.7	0.8
90°-100°	38.8	0.8
100°-110°	151.9	3.2
110°-120°	270.8	5.7
120°-130°	366.4	7.7
130°-140°	421.3	8.9
140°-150°	422.7	8.9
150°-160°	363.5	7.7
160°-170°	246.1	5.2
170°-180°	86.8	1.8
0°-30°	738.3	15.6
0°-40°	1172.2	24.7
0°-60°	1949.2	41.1
0°-90°	2373.2	50.1
90°-120°	461.5	9.7
90°-150°	1671.9	35.3
90°-180°	2368.0	49.9
0°-180°	4741.5	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	992	992	992	992	992	
5°	983	996	984	983	990	93
15°	935	943	935	929	929	263
25°	840	843	830	819	815	387
35°	722	715	695	674	670	450
45°	580	571	547	521	513	447
55°	435	423	396	371	364	389
65°	289	278	254	231	224	286
75°	149	141	124	111	109	159
85°	34	31	30	30	30	40
90°	0	0	0	0	0	3
95°	37	34	30	28	29	43
105°	147	147	142	140	138	157
115°	276	278	271	271	270	274
125°	412	416	408	407	407	368
135°	548	554	545	541	546	423
145°	679	685	674	670	676	424
155°	793	800	786	783	791	365
165°	875	883	871	866	875	247
175°	917	925	912	907	910	87
180°	919	919	919	919	919	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	991.8	991.8	991.8	991.8	991.8
2.5°	986.7	996.6	987.9	989.0	991.2
5°	983.3	995.7	984.1	982.8	990.4
7.5°	975.7	987.0	974.9	972.1	978.3
10°	967.9	980.3	966.5	963.0	966.5
12.5°	953.8	966.7	955.8	950.0	952.9
15°	934.8	943.0	934.8	929.1	929.1
17.5°	911.6	920.2	904.7	900.7	899.0
20°	894.7	902.2	885.5	879.8	877.1
22.5°	872.1	879.2	865.2	855.0	852.3
25°	840.5	843.2	829.9	818.6	815.1
27.5°	809.3	810.0	791.7	778.0	773.4
30°	783.4	784.1	763.0	748.2	744.7
32.5°	757.5	755.5	735.4	717.8	715.4
35°	721.5	714.6	694.7	674.2	670.1
37.5°	678.0	673.9	650.4	629.8	623.7
40°	650.4	643.5	619.4	598.9	592.7
42.5°	622.8	614.8	590.1	567.3	560.6
45°	580.0	571.1	546.9	520.7	513.1
47.5°	536.9	527.2	500.6	475.2	466.8
50°	508.2	497.9	470.2	445.4	436.4
52.5°	478.9	468.1	440.4	415.0	407.7
55°	435.0	423.3	396.3	370.8	363.9
57.5°	391.1	379.5	352.7	328.5	320.3
60°	361.8	350.8	324.5	300.4	292.1
62.5°	332.0	321.5	295.8	272.2	264.5
65°	288.6	278.3	254.1	231.4	224.5
67.5°	245.7	236.9	213.0	192.2	186.7
70°	217.5	209.2	186.5	167.4	161.9
72.5°	190.5	181.7	160.1	143.8	139.9
75°	149.2	141.0	123.9	111.2	109.1
77.5°	111.5	104.8	90.0	82.8	81.7
80°	87.3	81.1	69.7	64.8	64.8
82.5°	64.8	59.7	52.2	50.1	50.1
85°	33.8	31.0	29.6	29.6	29.6
87.5°	10.1	10.1	9.6	9.0	9.0
90°	0.0	0.0	0.0	0.0	0.0
92.5°	10.1	9.0	5.6	4.5	4.5
95°	37.3	33.9	30.3	28.2	28.9
97.5°	68.9	65.6	61.2	59.1	59.6
100°	90.9	88.1	83.1	81.0	81.0
102.5°	112.3	110.7	105.7	103.6	104.1
105°	147.3	146.6	141.6	139.5	138.1
107.5°	185.9	184.6	179.1	178.9	177.7
110°	210.7	210.0	205.0	204.3	203.6



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	236.0	237.0	231.5	230.8	230.1
115°	276.2	277.6	271.3	270.6	269.9
117.5°	317.4	319.3	312.6	311.8	310.6
120°	343.8	348.0	339.6	338.9	338.2
122.5°	370.9	374.5	366.7	365.4	365.3
125°	411.5	416.3	408.0	406.6	407.3
127.5°	452.1	457.0	449.3	446.5	448.0
130°	479.1	484.6	476.3	473.5	475.6
132.5°	506.8	512.3	503.9	501.2	504.4
135°	548.2	553.7	544.7	540.6	546.1
137.5°	588.6	593.4	583.6	580.7	586.5
140°	615.1	619.9	609.5	606.1	613.0
142.5°	641.0	646.4	634.8	631.5	638.9
145°	679.2	684.7	673.6	670.2	676.4
147.5°	715.9	721.5	710.2	706.3	712.6
150°	738.4	744.6	732.8	729.4	736.3
152.5°	760.4	767.2	754.8	750.9	759.4
155°	792.7	799.6	786.3	783.0	791.3
157.5°	821.7	828.0	816.1	812.7	819.9
160°	839.2	846.1	833.5	830.2	838.5
162.5°	854.4	861.3	849.9	845.4	853.7
165°	875.1	882.7	870.9	866.2	875.1
167.5°	892.5	900.6	888.1	883.8	892.7
170°	902.6	910.2	897.7	892.2	901.2
172.5°	909.4	916.9	904.4	898.9	905.1
175°	916.7	925.0	912.5	906.9	910.3
177.5°	919.9	926.5	916.5	911.7	919.4
180°	918.8	918.8	918.8	918.8	918.8



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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	13.14	13.99	14.10	14.97	16.24	12.06	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	13.99	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	14.43	15.07	15.44	16.07	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	15.92	17.24
	4H	16.19	16.74	17.19	17.74	19.08	14.92	15.46	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	18.35	19.70	15.50	15.94	16.52	16.96	18.31
	12H	16.98	17.38	18.02	18.42	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	17.66	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	18.31	18.58	19.99	16.04	16.33	17.10	17.37	18.78