

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: P1439518

Luminaire Tested: CB3-D-030U-085D-935-1D-UNV-STD-W-8

Issue Date: 3/31/2026

Test Information

Test Method: LM-79-2024
Report Number: P1439518
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-085D-935-1D-UNV-STD-W-8
Description: CORELITE BASIC SLOT LED LUMINAIRE, DIFFUSER DUST COVER UPLIGHT
3-INCH APERTURE
DOWNLIGHT 850 LUMENS PER FOOT
UPLIGHT 300 LUMENS PER FOOT
Light Source: 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

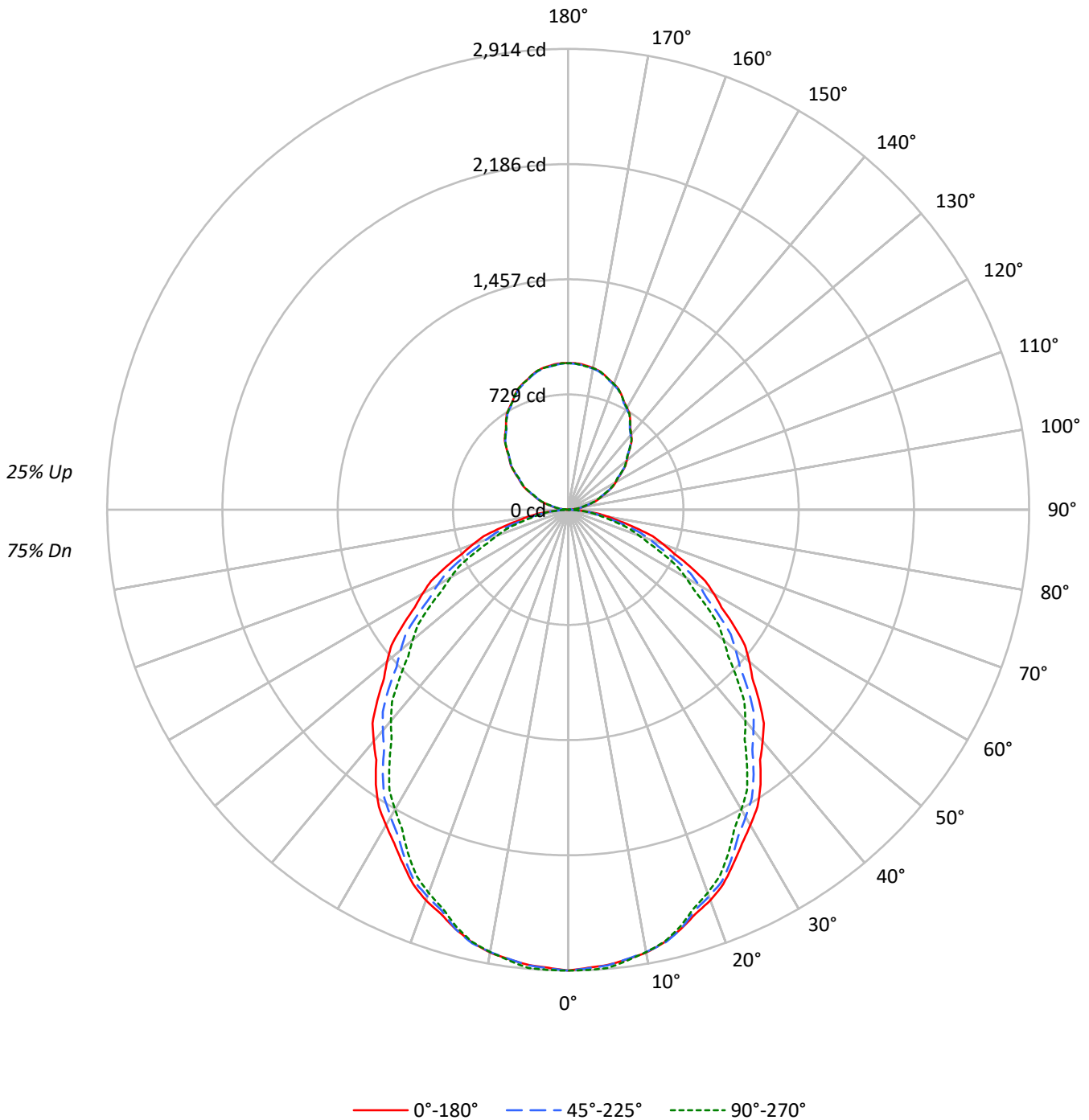
Lumens per Lamp: N/A
Luminaire Lumens: 9364.0 lumens
Efficiency: N/A
Efficacy: 134.0 lumens/watt
Spacing Criteria (0/90/45): 1.18 / 1.13 / 1.26
Luminous Opening: Rectangular (W 0.24' x L: 8' x H: 0')
CIE Type: Semi-Direct

Input Watts (W): 69.9
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

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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	0
RCR																		
0	113	113	113	113	107	107	107	107	97	97	97	87	87	87	79	79	79	75
1	104	99	95	92	98	94	91	88	86	83	80	77	75	74	70	68	67	63
2	95	87	81	75	90	83	77	73	75	71	67	68	65	62	62	59	57	53
3	86	77	69	63	82	73	66	61	67	61	57	61	56	53	55	52	49	46
4	79	68	60	54	75	65	58	52	60	53	49	54	49	45	49	45	42	39
5	73	61	53	47	69	58	51	45	54	47	42	49	44	40	45	40	37	34
6	67	55	47	41	64	53	45	39	48	42	37	44	39	35	41	36	33	30
7	63	50	42	36	59	48	40	35	44	38	33	41	35	31	37	33	29	27
8	58	46	38	32	55	44	36	31	40	34	30	37	32	28	34	30	26	24
9	54	42	34	29	52	40	33	28	37	31	27	34	29	25	32	27	24	22
10	51	38	31	26	48	37	30	25	34	28	24	32	27	23	29	25	22	20

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	16488	16488	16488
5°	16410	16422	16519
10°	16338	16314	16314
15°	16088	16088	15991
20°	15827	15665	15523
25°	15424	15230	14959
30°	15046	14654	14302
35°	14649	14106	13606
40°	14121	13449	12868
45°	13643	12864	12070
50°	13150	12167	11292
55°	12614	11492	10553
60°	12035	10794	9717
65°	11358	10001	8836
70°	10576	9071	7873
75°	9589	7961	7012
80°	8360	6675	6203
85°	6446	5641	5641

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 13643 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	275.0	2.9
10°-20°	772.5	8.3
20°-30°	1122.2	12.0
30°-40°	1275.8	13.6
40°-50°	1238.5	13.2
50°-60°	1045.7	11.2
60°-70°	744.0	7.9
70°-80°	397.5	4.2
80°-90°	105.0	1.1
90°-100°	39.1	0.4
100°-110°	153.2	1.6
110°-120°	273.0	2.9
120°-130°	369.4	3.9
130°-140°	424.7	4.5
140°-150°	426.2	4.6
150°-160°	366.5	3.9
160°-170°	248.1	2.6
170°-180°	87.5	0.9
0°-30°	2169.8	23.2
0°-40°	3445.6	36.8
0°-60°	5729.7	61.2
0°-90°	6976.2	74.5
90°-120°	465.3	5.0
90°-150°	1685.7	18.0
90°-180°	2388.0	25.5
0°-180°	9364.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2914	2914	2914	2914	2914	
5°	2890	2926	2892	2888	2909	274
15°	2747	2771	2747	2730	2730	774
25°	2471	2479	2440	2406	2396	1139
35°	2121	2101	2042	1982	1970	1322
45°	1705	1679	1608	1531	1509	1315
55°	1279	1244	1165	1090	1070	1143
65°	848	818	747	680	660	840
75°	439	414	364	327	321	468
85°	99	91	87	87	87	118
90°	0	0	0	0	0	5
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°	2914.4	2914.4	2914.4	2914.4	2914.4
2.5°	2899.5	2928.7	2902.9	2906.3	2912.8
5°	2889.6	2926.0	2891.7	2888.0	2908.9
7.5°	2867.3	2900.4	2864.8	2856.5	2874.7
10°	2844.1	2880.5	2839.9	2829.8	2839.9
12.5°	2802.7	2840.7	2808.5	2791.7	2800.2
15°	2746.8	2771.1	2746.8	2730.3	2730.3
17.5°	2678.5	2704.0	2658.2	2646.6	2642.0
20°	2628.9	2651.1	2602.0	2585.2	2578.5
22.5°	2562.6	2583.3	2542.4	2513.5	2505.6
25°	2470.9	2479.0	2439.8	2406.5	2396.4
27.5°	2379.4	2381.4	2327.7	2287.2	2273.9
30°	2303.3	2305.3	2243.2	2199.6	2189.4
32.5°	2227.1	2221.0	2162.1	2110.2	2103.3
35°	2121.1	2100.9	2042.5	1982.2	1970.1
37.5°	1993.3	1981.1	1912.1	1851.7	1833.5
40°	1912.1	1891.9	1821.1	1760.7	1742.4
42.5°	1831.0	1807.5	1735.0	1667.9	1648.1
45°	1705.2	1678.9	1607.9	1530.9	1508.6
47.5°	1578.5	1549.8	1471.8	1397.1	1372.4
50°	1494.1	1463.8	1382.4	1309.3	1283.0
52.5°	1408.0	1376.1	1294.6	1220.1	1198.6
55°	1278.9	1244.5	1165.1	1090.1	1069.9
57.5°	1149.8	1115.8	1036.8	965.9	941.6
60°	1063.7	1031.3	954.0	883.1	858.8
62.5°	975.9	945.2	869.6	800.3	777.7
65°	848.5	818.1	747.1	680.4	660.1
67.5°	722.2	696.3	626.2	565.0	548.8
70°	639.4	615.2	548.4	492.2	476.0
72.5°	560.0	534.1	470.6	422.7	411.4
75°	438.7	414.4	364.2	326.8	320.8
77.5°	327.8	308.0	264.5	243.3	240.1
80°	256.6	238.4	204.9	190.4	190.4
82.5°	190.4	175.4	153.6	147.3	147.3
85°	99.3	91.2	86.9	86.9	86.9
87.5°	29.8	29.8	28.1	26.5	26.5
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	18.90	20.02	19.62	20.75	21.63	17.82	18.94	18.54	19.68	20.55
	3H	20.59	21.59	21.32	22.33	23.24	19.26	20.26	19.99	21.00	21.91
	4H	21.23	22.17	21.98	22.93	23.85	19.79	20.73	20.53	21.48	22.40
	6H	21.63	22.50	22.39	23.26	24.19	20.12	20.99	20.88	21.75	22.68
	8H	21.77	22.60	22.54	23.39	24.32	20.25	21.08	21.02	21.86	22.79
	12H	21.85	22.64	22.63	23.42	24.38	20.33	21.12	21.11	21.90	22.86
4H	2H	19.34	20.29	20.09	21.04	21.96	18.48	19.43	19.23	20.18	21.10
	3H	21.25	22.04	22.02	22.83	23.77	20.12	20.91	20.89	21.70	22.64
	4H	22.01	22.73	22.79	23.52	24.48	20.74	21.46	21.52	22.25	23.21
	6H	22.53	23.15	23.33	23.96	24.93	21.17	21.79	21.96	22.60	23.57
	8H	22.73	23.30	23.53	24.11	25.10	21.34	21.92	22.14	22.73	23.71
	12H	22.84	23.35	23.66	24.19	25.18	21.46	21.98	22.28	22.81	23.80
8H	4H	22.16	22.74	22.96	23.55	24.53	21.02	21.60	21.82	22.41	23.39
	6H	22.79	23.27	23.62	24.12	25.11	21.56	22.04	22.39	22.89	23.88
	8H	23.07	23.49	23.91	24.34	25.34	21.82	22.24	22.66	23.09	24.09
	12H	23.24	23.62	24.09	24.46	25.52	22.00	22.38	22.85	23.22	24.28
12H	4H	22.15	22.67	22.97	23.50	24.49	21.04	21.56	21.86	22.39	23.38
	6H	22.81	23.23	23.65	24.09	25.09	21.62	22.05	22.46	22.90	23.90
	8H	23.12	23.50	23.96	24.34	25.39	21.91	22.29	22.76	23.13	24.19