

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: P1439516

Luminaire Tested: CB3-D-030U-085D-930-1D-UNV-STD-W-8

Issue Date: 3/31/2026

Test Information

Test Method: LM-79-2024
Report Number: P1439516
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-930-1D-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: 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

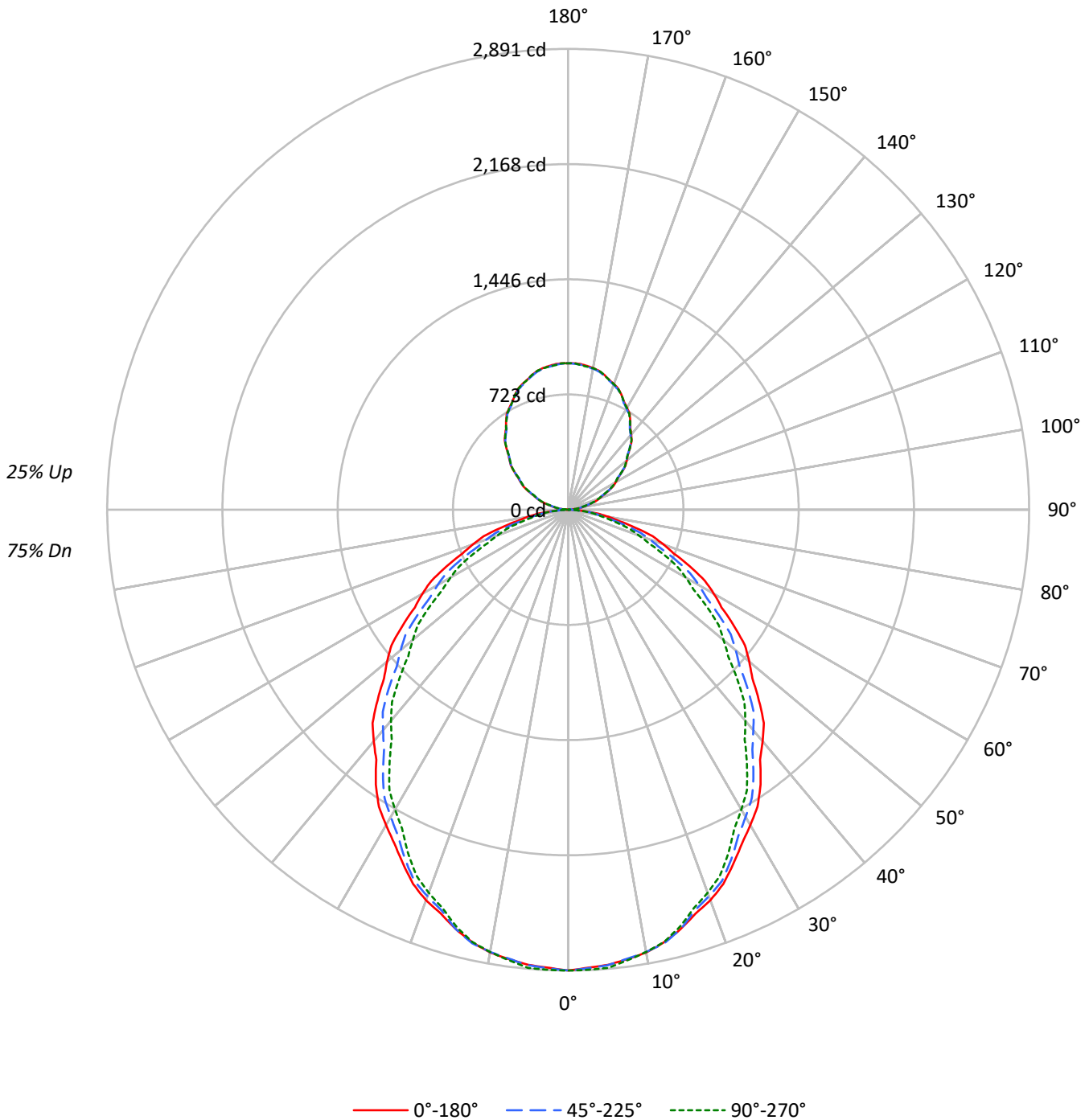
Lumens per Lamp: N/A
Luminaire Lumens: 9287.6 lumens
Efficiency: N/A
Efficacy: 132.9 lumens/watt
Spacing Criteria (0/90/45): 1.18 / 1.13 / 1.26
Luminous Opening: Rectangular (W 0.24' x L: 8' x H: 0')
CIE Type: Semi-Direct

Input Watts (W): 69.9
Input Voltage (V): 120
Input Current (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	50	30	10	0		
RCR																										
0	113	113	113	113	107	107	107	107	97	97	97	87	87	87	79	79	79	75					75			
1	104	99	95	92	98	94	91	88	86	83	80	77	75	74	70	68	67	63					63			
2	95	87	81	75	90	83	77	73	75	71	67	68	65	62	62	59	57	53					53			
3	86	77	69	63	82	73	66	61	67	61	57	61	56	53	55	52	49	46					46			
4	79	68	60	54	75	65	58	52	60	53	49	54	49	45	49	45	42	39					39			
5	73	61	53	47	69	58	51	45	54	47	42	49	44	40	45	40	37	34					34			
6	67	55	47	41	64	53	45	39	48	42	37	44	39	35	41	36	33	30					30			
7	63	50	42	36	59	48	40	35	44	38	33	41	35	31	37	33	29	27					27			
8	58	46	38	32	55	44	36	31	40	34	30	37	32	28	34	30	26	24					24			
9	54	42	34	29	52	40	33	28	37	31	27	34	29	25	32	27	24	22					22			
10	51	38	31	26	48	37	30	25	34	28	24	32	27	23	29	25	22	20					20			

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	16354	16354	16354
5°	16276	16288	16385
10°	16205	16181	16181
15°	15956	15956	15860
20°	15697	15537	15396
25°	15298	15105	14836
30°	14923	14534	14186
35°	14529	13991	13495
40°	14006	13339	12763
45°	13531	12759	11971
50°	13042	12067	11200
55°	12511	11398	10467
60°	11937	10706	9638
65°	11265	9919	8765
70°	10490	8997	7809
75°	9510	7895	6953
80°	8291	6620	6151
85°	6394	5595	5595

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 13531 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	272.7	2.9
10°-20°	766.3	8.3
20°-30°	1113.1	12.0
30°-40°	1265.4	13.6
40°-50°	1228.4	13.2
50°-60°	1037.1	11.2
60°-70°	737.9	7.9
70°-80°	394.2	4.2
80°-90°	104.2	1.1
90°-100°	38.8	0.4
100°-110°	151.9	1.6
110°-120°	270.8	2.9
120°-130°	366.4	3.9
130°-140°	421.3	4.5
140°-150°	422.7	4.6
150°-160°	363.5	3.9
160°-170°	246.1	2.6
170°-180°	86.8	0.9
0°-30°	2152.1	23.2
0°-40°	3417.4	36.8
0°-60°	5683.0	61.2
0°-90°	6919.3	74.5
90°-120°	461.5	5.0
90°-150°	1671.9	18.0
90°-180°	2368.0	25.5
0°-180°	9287.6	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2891	2891	2891	2891	2891	
5°	2866	2902	2868	2864	2885	272
15°	2724	2748	2724	2708	2708	767
25°	2451	2459	2420	2387	2377	1129
35°	2104	2084	2026	1966	1954	1311
45°	1691	1665	1595	1518	1496	1305
55°	1268	1234	1156	1081	1061	1134
65°	842	811	741	675	655	834
75°	435	411	361	324	318	464
85°	98	90	86	86	86	117
90°	0	0	0	0	0	5
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°	2890.7	2890.7	2890.7	2890.7	2890.7
2.5°	2875.9	2904.8	2879.2	2882.6	2889.0
5°	2866.0	2902.2	2868.1	2864.4	2885.2
7.5°	2843.9	2876.8	2841.4	2833.2	2851.3
10°	2820.9	2857.0	2816.8	2806.7	2816.8
12.5°	2779.8	2817.6	2785.6	2768.9	2777.4
15°	2724.4	2748.5	2724.4	2708.0	2708.0
17.5°	2656.7	2682.0	2636.6	2625.0	2620.4
20°	2607.4	2629.5	2580.7	2564.2	2557.4
22.5°	2541.7	2562.2	2521.6	2493.0	2485.2
25°	2450.7	2458.7	2419.9	2386.9	2376.8
27.5°	2360.0	2362.0	2308.7	2268.6	2255.3
30°	2284.5	2286.5	2224.9	2181.6	2171.6
32.5°	2208.9	2202.9	2144.5	2093.0	2086.2
35°	2103.8	2083.8	2025.8	1966.0	1954.0
37.5°	1977.0	1965.0	1896.5	1836.6	1818.5
40°	1896.5	1876.5	1806.2	1746.3	1728.2
42.5°	1816.1	1792.8	1720.8	1654.3	1634.6
45°	1691.3	1665.2	1594.8	1518.4	1496.3
47.5°	1565.7	1537.2	1459.8	1385.7	1361.2
50°	1481.9	1451.8	1371.1	1298.7	1272.6
52.5°	1396.5	1364.8	1284.1	1210.1	1188.8
55°	1268.5	1234.3	1155.6	1081.2	1061.2
57.5°	1140.4	1106.7	1028.3	958.0	933.9
60°	1055.0	1022.9	946.2	875.9	851.8
62.5°	968.0	937.5	862.5	793.8	771.3
65°	841.5	811.4	741.0	674.8	654.8
67.5°	716.3	690.6	621.1	560.4	544.3
70°	634.2	610.1	543.9	488.1	472.1
72.5°	555.4	529.7	466.7	419.3	408.0
75°	435.1	411.1	361.2	324.2	318.1
77.5°	325.1	305.5	262.3	241.3	238.1
80°	254.5	236.5	203.2	188.8	188.8
82.5°	188.8	174.0	152.3	146.1	146.1
85°	98.5	90.5	86.2	86.2	86.2
87.5°	29.6	29.6	27.9	26.3	26.3
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	18.87	19.99	19.59	20.73	21.60	17.80	18.91	18.51	19.65	20.52
	3H	20.56	21.56	21.29	22.31	23.21	19.23	20.23	19.96	20.97	21.88
	4H	21.20	22.15	21.95	22.90	23.82	19.76	20.70	20.51	21.46	22.37
	6H	21.60	22.47	22.36	23.24	24.17	20.09	20.96	20.85	21.72	22.65
	8H	21.74	22.57	22.52	23.36	24.29	20.22	21.05	20.99	21.83	22.76
	12H	21.82	22.61	22.60	23.39	24.35	20.30	21.09	21.08	21.87	22.83
4H	2H	19.31	20.26	20.06	21.01	21.93	18.45	19.40	19.21	20.15	21.07
	3H	21.22	22.01	21.99	22.80	23.74	20.10	20.88	20.86	21.67	22.61
	4H	21.98	22.70	22.76	23.49	24.45	20.71	21.43	21.49	22.22	23.18
	6H	22.50	23.12	23.30	23.93	24.90	21.14	21.76	21.94	22.57	23.54
	8H	22.70	23.28	23.50	24.09	25.07	21.31	21.89	22.12	22.70	23.69
	12H	22.81	23.33	23.63	24.16	25.15	21.43	21.95	22.25	22.78	23.77
8H	4H	22.13	22.71	22.93	23.52	24.50	20.99	21.57	21.79	22.38	23.37
	6H	22.76	23.24	23.59	24.09	25.08	21.53	22.01	22.36	22.86	23.85
	8H	23.04	23.47	23.88	24.32	25.32	21.79	22.21	22.63	23.06	24.06
	12H	23.22	23.59	24.06	24.43	25.49	21.97	22.35	22.82	23.19	24.25
12H	4H	22.12	22.64	22.94	23.47	24.46	21.01	21.53	21.83	22.36	23.35
	6H	22.78	23.21	23.62	24.06	25.06	21.59	22.02	22.43	22.87	23.87
	8H	23.09	23.47	23.94	24.31	25.36	21.88	22.26	22.73	23.10	24.16