

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: P1439620

Luminaire Tested: CB3-D-125U-120D-930-1D-UNV-STD-W-8

Issue Date: 3/31/2026

Test Information

Test Method: LM-79-2024
Report Number: P1439620
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-125U-120D-930-1D-UNV-STD-W-8
Description: CORELITE BASIC SLOT LED LUMINAIRE, DIFFUSER DUST COVER UPLIGHT
3-INCH APERTURE
DOWNLIGHT 1200 LUMENS PER FOOT
UPLIGHT 1250 LUMENS PER FOOT
Light Source: 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

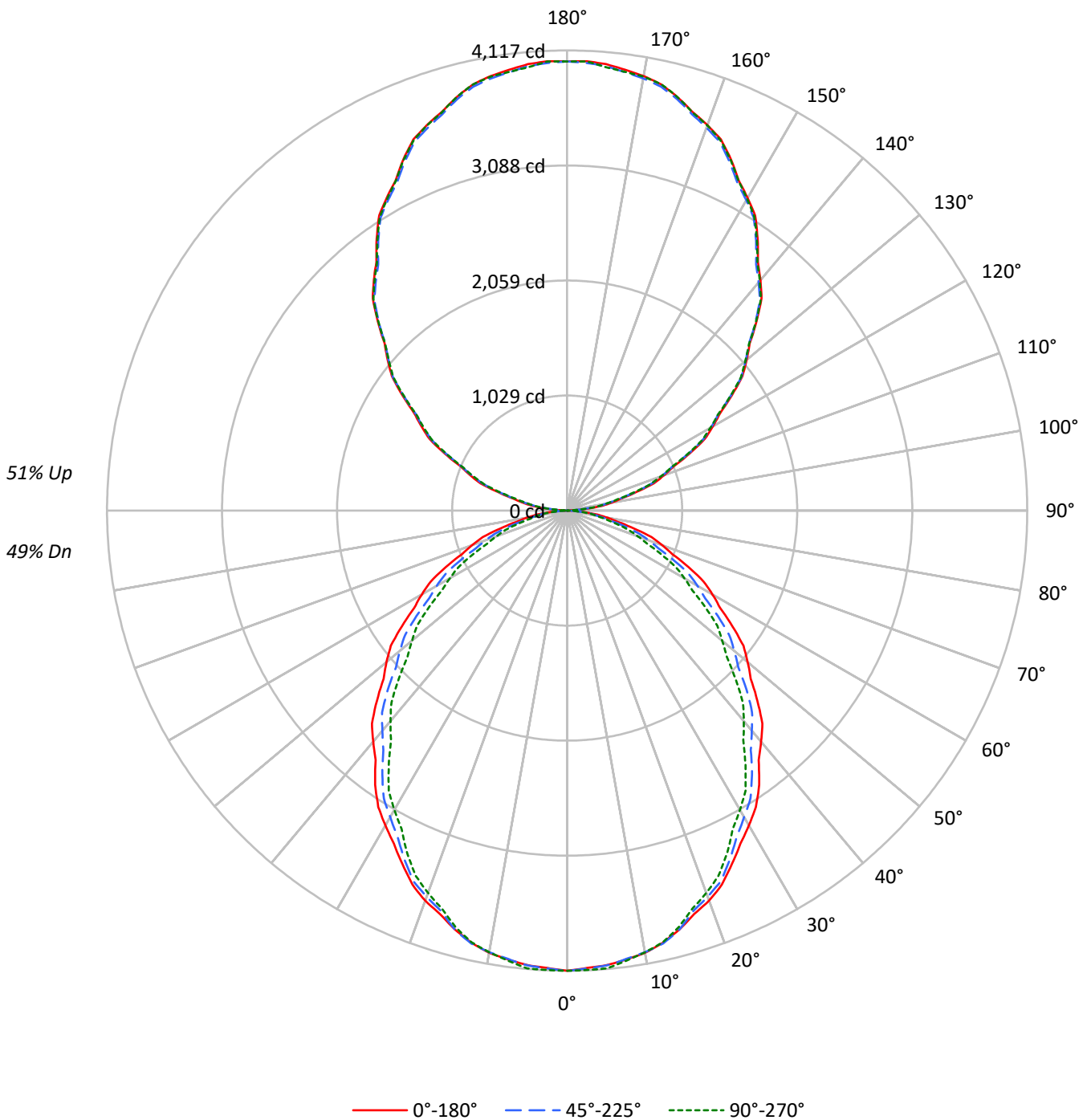
Lumens per Lamp: N/A
Luminaire Lumens: 20209.6 lumens
Efficiency: N/A
Efficacy: 119.4 lumens/watt
Spacing Criteria (0/90/45): 1.18 / 1.13 / 1.26
Luminous Opening: Rectangular (W 0.24' x L: 8' x H: 0')
CIE Type: General Diffuse

Input Watts (W): 169.3
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

TEST NUMBER: P1439620

CATALOG NUMBER: CB3-D-125U-120D-930-1D-UNV-STD-W-8

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	98	98	98	98	83	83	83	68	68	68	55	55	55	49				
1	98	93	90	86	90	86	83	80	73	70	68	60	59	57	49	48	47	41				
2	89	82	76	71	82	76	70	66	64	60	57	53	50	48	43	41	40	35				
3	81	72	65	59	75	67	60	55	57	52	48	47	44	41	38	36	34	30				
4	75	64	56	50	68	59	52	47	50	45	41	42	38	35	34	32	29	26				
5	68	57	49	43	63	53	46	40	45	40	35	38	34	31	31	28	26	22				
6	63	51	43	37	58	48	40	35	41	35	31	34	30	27	28	25	23	20				
7	58	46	38	33	54	43	36	31	37	31	27	31	27	24	26	23	20	18				
8	54	42	34	29	50	39	32	27	34	28	24	29	24	21	24	21	18	16				
9	50	38	31	26	46	36	29	25	31	26	22	26	22	19	22	19	16	14				
10	47	35	28	23	43	33	26	22	28	23	20	24	20	17	20	17	15	13				

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	23292	23292	23292
5°	23181	23198	23348
10°	23080	23047	23047
15°	22727	22727	22590
20°	22359	22130	21918
25°	21777	21503	21120
30°	21244	20690	20194
35°	20684	19917	19210
40°	19938	18989	18169
45°	19262	18164	17041
50°	18567	17178	15944
55°	17810	16225	14899
60°	16992	15241	13720
65°	16037	14120	12477
70°	14935	12808	11115
75°	13539	11242	9900
80°	11803	9425	8757
85°	9107	7964	7964

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 19262 cd/sqm



TEST NUMBER: P1439620

CATALOG NUMBER: CB3-D-125U-120D-930-1D-UNV-STD-W-8

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	388.5	1.9
10°-20°	1091.4	5.4
20°-30°	1584.7	7.8
30°-40°	1801.4	8.9
40°-50°	1748.7	8.7
50°-60°	1476.4	7.3
60°-70°	1050.4	5.2
70°-80°	561.2	2.8
80°-90°	148.3	0.7
90°-100°	169.8	0.8
100°-110°	664.5	3.3
110°-120°	1184.3	5.9
120°-130°	1602.7	7.9
130°-140°	1842.5	9.1
140°-150°	1848.9	9.1
150°-160°	1590.0	7.9
160°-170°	1076.3	5.3
170°-180°	379.6	1.9
0°-30°	3064.6	15.2
0°-40°	4865.9	24.1
0°-60°	8091.0	40.0
0°-90°	9850.9	48.7
90°-120°	2018.6	10.0
90°-150°	7312.7	36.2
90°-180°	10359.0	51.3
0°-180°	20209.6	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	4117	4117	4117	4117	4117	
5°	4082	4133	4085	4080	4111	387
15°	3880	3915	3880	3857	3857	1093
25°	3489	3500	3445	3398	3384	1608
35°	2995	2966	2884	2799	2782	1866
45°	2408	2370	2270	2162	2130	1857
55°	1806	1757	1645	1539	1511	1614
65°	1198	1155	1055	961	932	1187
75°	619	585	514	462	453	660
85°	140	129	123	123	123	166
90°	0	0	0	0	0	12
95°	163	148	132	123	126	186
105°	644	641	619	610	604	688
115°	1208	1214	1186	1183	1180	1197
125°	1800	1821	1784	1778	1781	1609
135°	2398	2422	2382	2364	2388	1848
145°	2971	2995	2946	2931	2958	1856
155°	3467	3497	3439	3425	3461	1595
165°	3828	3861	3809	3788	3828	1078
175°	4009	4046	3991	3967	3982	380
180°	4019	4019	4019	4019	4019	

TEST NUMBER: P1439620

CATALOG NUMBER: CB3-D-125U-120D-930-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	4117.1	4117.1	4117.1	4117.1	4117.1
2.5°	4096.0	4137.2	4100.7	4105.6	4114.7
5°	4082.0	4133.4	4084.9	4079.8	4111.4
7.5°	4050.5	4097.3	4047.0	4035.3	4061.0
10°	4017.7	4069.2	4011.9	3997.6	4011.9
12.5°	3959.3	4013.0	3967.5	3943.8	3955.8
15°	3880.4	3914.7	3880.4	3857.0	3857.0
17.5°	3784.0	3820.0	3755.4	3738.8	3731.9
20°	3713.9	3745.3	3675.9	3652.2	3640.7
22.5°	3620.4	3649.5	3591.7	3549.3	3537.8
25°	3488.7	3500.1	3444.9	3397.8	3383.5
27.5°	3359.6	3362.4	3286.5	3229.4	3210.6
30°	3252.0	3254.9	3167.3	3105.6	3091.3
32.5°	3144.5	3136.0	3052.8	2979.5	2969.8
35°	2994.9	2966.4	2883.9	2798.8	2781.6
37.5°	2814.4	2797.2	2699.8	2614.5	2588.8
40°	2699.8	2671.2	2571.3	2485.9	2460.2
42.5°	2585.3	2552.1	2449.7	2355.0	2327.0
45°	2407.6	2370.5	2270.3	2161.5	2130.0
47.5°	2228.8	2188.2	2078.0	1972.6	1937.8
50°	2109.6	2066.7	1951.8	1848.7	1811.6
52.5°	1988.0	1942.9	1827.9	1722.6	1692.4
55°	1805.7	1757.2	1645.0	1539.2	1510.6
57.5°	1623.4	1575.4	1463.9	1363.7	1329.5
60°	1501.8	1456.1	1347.0	1246.9	1212.6
62.5°	1378.0	1334.5	1227.8	1130.0	1098.0
65°	1198.0	1155.1	1054.8	960.6	932.1
67.5°	1019.7	983.2	884.2	797.7	774.9
70°	902.9	868.6	774.3	694.9	672.0
72.5°	790.7	754.1	664.4	596.9	580.9
75°	619.4	585.2	514.3	461.5	452.9
77.5°	462.8	434.8	373.4	343.5	338.9
80°	362.3	336.6	289.3	268.8	268.8
82.5°	268.8	247.7	216.8	208.0	208.0
85°	140.3	128.8	122.7	122.7	122.7
87.5°	42.1	42.1	39.7	37.4	37.4
90°	0.0	0.0	0.0	0.0	0.0
92.5°	44.4	39.6	24.7	19.7	19.7
95°	163.3	148.3	132.5	123.3	126.4
97.5°	301.4	286.9	267.5	258.3	260.7
100°	397.6	385.5	363.7	354.4	354.4
102.5°	491.2	484.0	462.3	453.1	455.5
105°	644.1	641.1	619.4	610.1	604.0
107.5°	813.0	807.6	783.4	782.7	777.2
110°	921.5	918.4	896.8	893.7	890.6

TEST NUMBER: P1439620

CATALOG NUMBER: CB3-D-125U-120D-930-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	1032.4	1036.6	1012.7	1009.5	1006.5
115°	1208.1	1214.1	1186.5	1183.3	1180.3
117.5°	1388.0	1396.5	1367.1	1363.9	1358.5
120°	1503.9	1522.0	1485.4	1482.3	1479.3
122.5°	1622.3	1637.9	1603.8	1598.2	1597.6
125°	1799.8	1820.9	1784.4	1778.3	1781.3
127.5°	1977.3	1999.0	1965.0	1952.8	1959.4
130°	2095.6	2119.7	2083.3	2071.2	2080.2
132.5°	2216.4	2240.5	2204.1	2192.1	2206.0
135°	2397.6	2421.8	2382.2	2364.3	2388.4
137.5°	2574.5	2595.6	2552.4	2540.0	2565.3
140°	2690.4	2711.5	2665.8	2651.0	2681.2
142.5°	2803.8	2827.3	2776.7	2762.0	2794.6
145°	2970.9	2995.0	2946.2	2931.4	2958.5
147.5°	3131.1	3155.8	3106.5	3089.2	3116.9
150°	3229.7	3256.9	3205.1	3190.4	3220.5
152.5°	3325.9	3355.4	3301.2	3284.2	3321.6
155°	3467.0	3497.2	3439.3	3424.7	3460.9
157.5°	3594.0	3621.7	3569.3	3554.6	3586.0
160°	3670.4	3700.6	3645.8	3631.2	3667.3
162.5°	3737.0	3767.1	3717.3	3697.8	3733.9
165°	3827.6	3860.7	3809.1	3788.4	3827.6
167.5°	3903.4	3939.0	3884.3	3865.5	3904.6
170°	3947.8	3980.9	3926.2	3902.5	3941.6
172.5°	3977.4	4010.5	3955.8	3931.8	3958.9
175°	4009.4	4045.6	3990.9	3966.6	3981.7
177.5°	4023.6	4052.5	4008.8	3987.4	4021.1
180°	4018.7	4018.7	4018.7	4018.7	4018.7



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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	17.97	18.80	18.94	19.79	21.08	16.89	17.73	17.86	18.71	20.00
	3H	19.63	20.38	20.61	21.37	22.69	18.30	19.05	19.28	20.04	21.36
	4H	20.26	20.97	21.25	21.97	23.29	18.82	19.53	19.81	20.52	21.84
	6H	20.64	21.30	21.65	22.30	23.63	19.13	19.79	20.14	20.79	22.12
	8H	20.78	21.40	21.79	22.42	23.75	19.25	19.88	20.27	20.90	22.22
	12H	20.85	21.44	21.86	22.45	23.80	19.33	19.92	20.35	20.93	22.29
4H	2H	18.37	19.08	19.37	20.08	21.40	17.51	18.22	18.51	19.22	20.54
	3H	20.26	20.85	21.27	21.88	23.21	19.13	19.72	20.14	20.75	22.08
	4H	21.01	21.55	22.02	22.57	23.92	19.74	20.28	20.75	21.29	22.65
	6H	21.51	21.97	22.54	23.01	24.37	20.15	20.61	21.17	21.65	23.01
	8H	21.70	22.13	22.73	23.17	24.54	20.32	20.75	21.35	21.78	23.15
	12H	21.80	22.19	22.84	23.24	24.61	20.42	20.81	21.47	21.86	23.24
8H	4H	21.13	21.57	22.16	22.60	23.97	20.00	20.43	21.02	21.46	22.83
	6H	21.75	22.11	22.81	23.19	24.55	20.52	20.88	21.58	21.96	23.32
	8H	22.03	22.34	23.09	23.40	24.79	20.77	21.09	21.84	22.15	23.54
	12H	22.19	22.47	23.26	23.52	24.95	20.95	21.23	22.01	22.28	23.71
12H	4H	21.11	21.50	22.15	22.55	23.92	20.00	20.39	21.04	21.44	22.81
	6H	21.77	22.09	22.83	23.15	24.53	20.58	20.90	21.64	21.96	23.34
	8H	22.07	22.35	23.13	23.40	24.83	20.86	21.14	21.93	22.19	23.62