

Scaled data based on original data using  
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-  
State Lighting Products

Test Report Prepared for  
Cooper Lighting Solutions

Brand: PORTFOLIO

Report Number: P1311954

Luminaire Tested: LDSQA3D24R359040D010 3LSQPHRL1MW

Issue Date: 1/29/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1311954  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-10)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: PORTFOLIO  
Catalog Number: LDSQA3D24R359040D010 3LSQPHRL1MW  
Description: 3in Adjustable LED luminaire with, R35 optic, 4000K CCT AND, 90CRI , 3LSQPHRL1MW TRIM  
Light Source: -  
Ballast/Driver: -

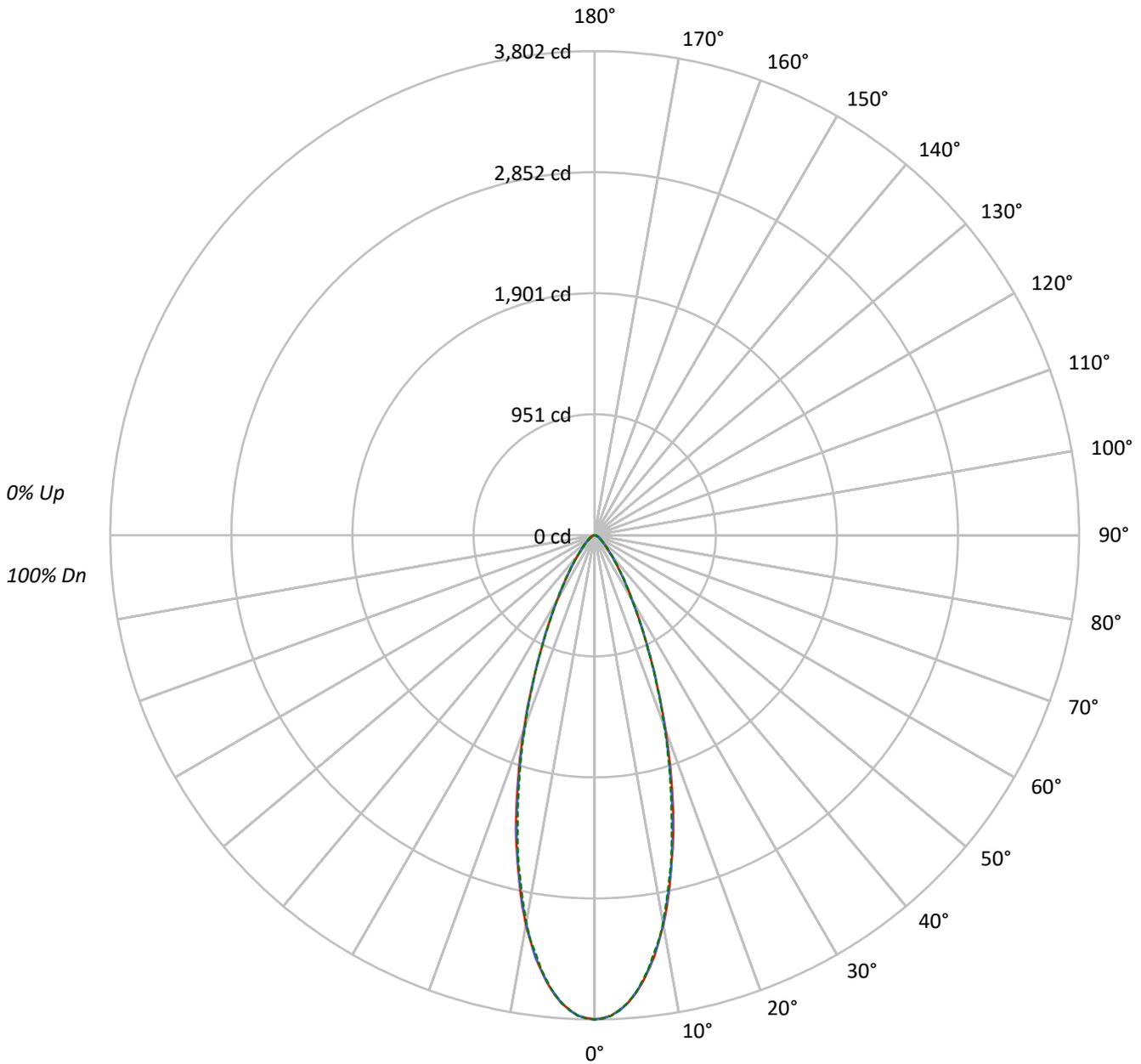
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1875.0 lumens  
Efficiency: N/A  
Efficacy: 65.1 lumens/watt  
Spacing Criteria (0/90/45): 0.59 / 0.58 / 0.6  
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')  
CIE Type: Direct

Input Watts (W): 28.8  
Input Voltage (V): NR  
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



— 0°-180°    - - 45°-225°    - - - 90°-270°



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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	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	102	102	100
1	114	111	108	106	111	109	106	104	105	103	101	101	99	98	97	96	95	95	96	95	94
2	108	103	99	96	106	102	98	95	98	95	93	95	93	91	93	91	89	93	91	89	87
3	103	97	92	88	101	95	91	87	93	89	86	90	87	85	88	86	83	88	86	83	82
4	98	91	86	82	96	90	85	81	88	84	80	86	82	79	84	81	78	84	81	78	77
5	94	86	80	76	92	85	80	76	83	79	75	82	78	75	80	77	74	80	77	74	73
6	90	81	76	72	88	81	75	71	79	74	71	78	74	70	76	73	70	76	73	70	69
7	86	77	72	68	85	77	71	67	75	71	67	74	70	67	73	69	66	73	69	66	65
8	82	73	68	64	81	73	68	64	72	67	64	71	67	63	70	66	63	70	66	63	62
9	79	70	65	61	78	70	64	61	69	64	61	68	63	60	67	63	60	67	63	60	59
10	76	67	62	58	75	67	61	58	66	61	58	65	61	58	64	60	57	64	60	57	56

**AVERAGE LUMINANCE (cd/sqm):**

	0°	45°	90°
0°	654773	654773	654773
5°	625672	624600	625672
10°	543158	541357	540622
15°	425615	422281	415613
20°	297749	295092	293186
25°	189096	190293	189096
30°	116515	117331	116515
35°	72072	72514	72514
40°	45773	46246	46246
45°	30859	31370	31882
50°	22265	22828	22828
55°	17475	17475	17475
60°	14329	14329	14329
65°	12714	12714	12714
70°	11531	11531	11531
75°	9649	9649	9649
80°	8232	8232	8232
85°	4150	4150	8299

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 67.5°  
 Vertical Angle: 45°  
 Luminance: 31882 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	328.6	17.5
10°-20°	646.9	34.5
20°-30°	466.8	24.9
30°-40°	225.0	12.0
40°-50°	103.7	5.5
50°-60°	53.7	2.9
60°-70°	31.0	1.7
70°-80°	15.7	0.8
80°-90°	3.7	0.2
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	1442.2	76.9
0°-40°	1667.3	88.9
0°-60°	1824.7	97.3
0°-90°	1875.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1875.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	3802	3802	3802	3802	3802	
5°	3619	3627	3613	3615	3619	329
15°	2387	2383	2368	2358	2331	651
25°	995	997	1001	1001	995	467
35°	343	343	345	345	345	224
45°	127	129	129	131	131	103
55°	58	58	58	58	58	53
65°	31	31	31	31	31	31
75°	14	14	14	14	14	16
85°	2	2	2	2	4	3
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	3801.9	3801.9	3801.9	3801.9	3801.9
1°	3791.5	3797.8	3795.7	3797.8	3795.7
2°	3772.8	3777.0	3772.8	3774.9	3774.9
3°	3733.4	3737.5	3737.5	3735.4	3733.4
4°	3685.6	3696.0	3685.6	3687.7	3681.4
5°	3619.1	3627.4	3612.9	3614.9	3619.1
6°	3538.1	3540.2	3536.0	3533.9	3529.8
7°	3444.6	3452.9	3438.4	3440.4	3436.3
8°	3344.9	3342.8	3342.8	3334.5	3322.0
9°	3224.4	3232.7	3220.2	3216.1	3218.1
10°	3105.9	3105.9	3095.6	3085.2	3091.4
11°	2970.9	2966.7	2960.5	2946.0	2941.8
12°	2823.4	2831.7	2813.0	2806.8	2792.2
13°	2671.7	2684.2	2675.9	2653.0	2655.1
14°	2530.5	2522.2	2515.9	2511.8	2497.2
15°	2387.1	2383.0	2368.4	2358.0	2331.0
17.5°	1994.5	1998.6	1971.6	1967.4	1957.1
20°	1624.6	1612.2	1610.1	1612.2	1599.7
22.5°	1281.9	1294.3	1279.8	1281.9	1273.5
25°	995.1	997.2	1001.4	1001.4	995.1
27.5°	772.9	772.9	768.7	772.9	766.6
30°	585.9	585.9	590.0	594.2	585.9
32.5°	452.9	452.9	452.9	455.0	457.1
35°	342.8	342.8	344.9	344.9	344.9
37.5°	263.8	265.9	268.0	268.0	268.0
40°	203.6	205.7	205.7	207.8	205.7
42.5°	162.0	162.0	162.0	164.1	164.1
45°	126.7	128.8	128.8	130.9	130.9
47.5°	103.9	103.9	103.9	106.0	106.0
50°	83.1	85.2	85.2	85.2	85.2
52.5°	68.6	68.6	70.6	70.6	70.6
55°	58.2	58.2	58.2	58.2	58.2
57.5°	47.8	49.9	49.9	49.9	49.9
60°	41.6	41.6	41.6	41.6	41.6
62.5°	35.3	35.3	35.3	35.3	35.3
65°	31.2	31.2	31.2	31.2	31.2
67.5°	24.9	27.0	27.0	27.0	27.0
70°	22.9	22.9	22.9	22.9	22.9
72.5°	16.6	18.7	18.7	18.7	18.7
75°	14.5	14.5	14.5	14.5	14.5
77.5°	12.5	10.4	10.4	10.4	12.5
80°	8.3	8.3	8.3	8.3	8.3
82.5°	6.2	6.2	6.2	6.2	6.2
85°	2.1	2.1	2.1	2.1	4.2
87.5°	0.0	0.0	0.0	2.1	2.1



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)