

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: P1319738

Luminaire Tested: LDSQA3D02R609840DE010 3LSQCDR1MB

Issue Date: 1/29/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1319738  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-29)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: PORTFOLIO  
Catalog Number: LDSQA3D02R609840DE010 3LSQCDR1MB  
Description: 3in Adjustable LED luminaire with, R60 optic, 4000K CCT AND, 98CRI , 3LSQCDR1MB TRIM  
Light Source: -  
Ballast/Driver: -

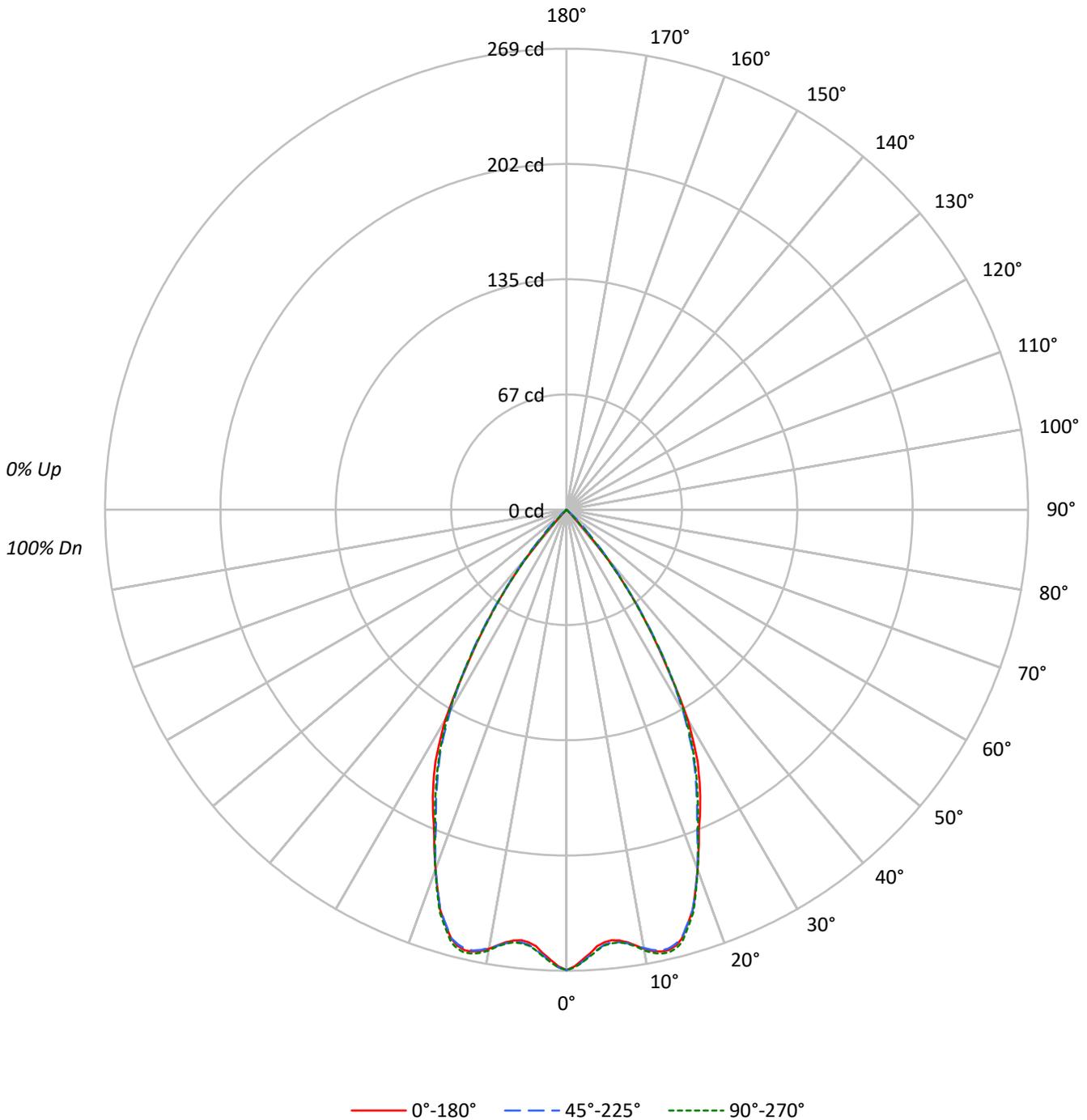
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 238.0 lumens  
Efficiency: N/A  
Efficacy: 66.1 lumens/watt  
Spacing Criteria (0/90/45): 0.95 / 0.93 / 0.9  
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')  
CIE Type: Direct

Input Watts (W): 3.6  
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





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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	109	107	111	109	107	105	105	103	102	101	100	99	98	97	96	96	97	96	94
2	108	104	100	97	106	102	98	95	99	96	93	96	93	91	93	91	89	93	91	89	88
3	103	97	92	88	101	96	91	88	93	89	86	91	88	85	88	86	84	88	86	84	82
4	98	91	86	81	96	90	85	81	88	83	80	86	82	79	84	81	78	84	81	78	77
5	93	85	80	76	92	84	79	75	83	78	75	81	77	74	79	76	73	79	76	73	72
6	89	80	74	70	87	79	74	70	78	73	70	77	72	69	75	72	69	75	72	69	67
7	85	76	70	66	83	75	69	65	74	69	65	72	68	65	71	67	64	71	67	64	63
8	81	71	66	62	79	71	65	61	70	65	61	69	64	61	68	64	61	68	64	61	59
9	77	67	62	58	76	67	61	58	66	61	57	65	61	57	64	60	57	64	60	57	56
10	73	64	58	54	72	63	58	54	63	58	54	62	57	54	61	57	54	61	57	54	53

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

	0°	45°	90°
0°	46259	46259	46259
5°	43808	44033	44102
10°	45469	45399	45679
15°	46233	46161	46500
20°	40907	40907	40980
25°	35060	34015	34300
30°	28040	27026	27443
35°	17408	17766	17366
40°	7644	8408	7846
45°	97	2728	219
50°	0	295	0
55°	0	0	0
60°	0	0	0
65°	0	0	0
70°	0	0	0
75°	0	0	0
80°	0	0	0
85°	0	0	0

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 45°  
 Vertical Angle: 45°  
 Luminance: 2728 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	24.5	10.3
10°-20°	71.1	29.9
20°-30°	82.5	34.7
30°-40°	52.0	21.8
40°-50°	7.8	3.3
50°-60°	0.0	0.0
60°-70°	0.0	0.0
70°-80°	0.0	0.0
80°-90°	0.0	0.0
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
<b>0°-30°</b>	<b>178.2</b>	<b>74.9</b>
<b>0°-40°</b>	<b>230.2</b>	<b>96.7</b>
<b>0°-60°</b>	<b>238.0</b>	<b>100.0</b>
<b>0°-90°</b>	<b>238.0</b>	<b>100.0</b>
90°-120°	0.0	0.0
90°-150°	0.0	0.0
<b>90°-180°</b>	<b>0.0</b>	<b>0.0</b>
<b>0°-180°</b>	<b>238.0</b>	<b>100.0</b>

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	269	269	269	269	269	
5°	253	254	255	255	255	24
15°	259	258	259	261	261	71
25°	184	182	179	180	180	84
35°	83	83	84	83	83	52
45°	0	4	11	5	1	5
55°	0	0	0	0	0	0
65°	0	0	0	0	0	0
75°	0	0	0	0	0	0
85°	0	0	0	0	0	0
90°	0	0	0	0	0	0



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	268.6	268.6	268.6	268.6	268.6
1°	266.5	267.2	267.2	267.4	267.2
2°	262.9	264.0	264.0	264.6	264.2
3°	259.3	260.2	260.4	261.2	261.0
4°	255.3	256.8	257.4	257.7	257.6
5°	253.4	254.3	254.7	255.3	255.1
6°	252.6	253.4	253.8	254.3	254.3
7°	253.2	253.8	254.3	254.7	254.3
8°	254.9	255.5	255.5	256.2	255.7
9°	257.4	257.6	257.6	258.5	257.9
10°	260.0	259.6	259.6	261.0	261.2
11°	262.3	261.9	261.7	263.1	263.4
12°	263.6	262.9	262.9	264.6	264.8
13°	263.8	262.9	262.9	264.6	265.1
14°	262.3	261.2	261.4	263.3	263.8
15°	259.3	258.3	258.9	260.6	260.8
17.5°	244.8	244.3	244.7	245.8	246.0
20°	223.2	222.8	223.2	223.2	223.6
22.5°	201.8	200.8	198.9	200.0	200.2
25°	184.5	182.4	179.0	179.7	180.5
27.5°	165.5	162.8	159.2	160.2	160.4
30°	141.0	139.7	135.9	136.8	138.0
32.5°	108.9	112.6	110.3	110.1	110.3
35°	82.8	82.9	84.5	82.8	82.6
37.5°	57.9	58.1	59.2	57.3	57.5
40°	34.0	36.4	37.4	36.6	34.9
42.5°	10.6	18.8	21.3	18.4	11.8
45°	0.4	3.6	11.2	4.7	0.9
47.5°	0.0	0.2	5.3	0.4	0.0
50°	0.0	0.0	1.1	0.0	0.0
52.5°	0.0	0.0	0.2	0.0	0.0
55°	0.0	0.0	0.0	0.0	0.0
57.5°	0.0	0.0	0.0	0.0	0.0
60°	0.0	0.0	0.0	0.0	0.0
62.5°	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0



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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)