

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: P1316169

Luminaire Tested: LDSQA3D02R609740DE010 3LSQCDR1MMS

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1316169
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: LDSQA3D02R609740DE010 3LSQCDR1MMS
Description: 3in Adjustable LED luminaire with, R60 optic, 4000K CCT AND, 97CRI , 3LSQCDR1MMS TRIM
Light Source: -
Ballast/Driver: -

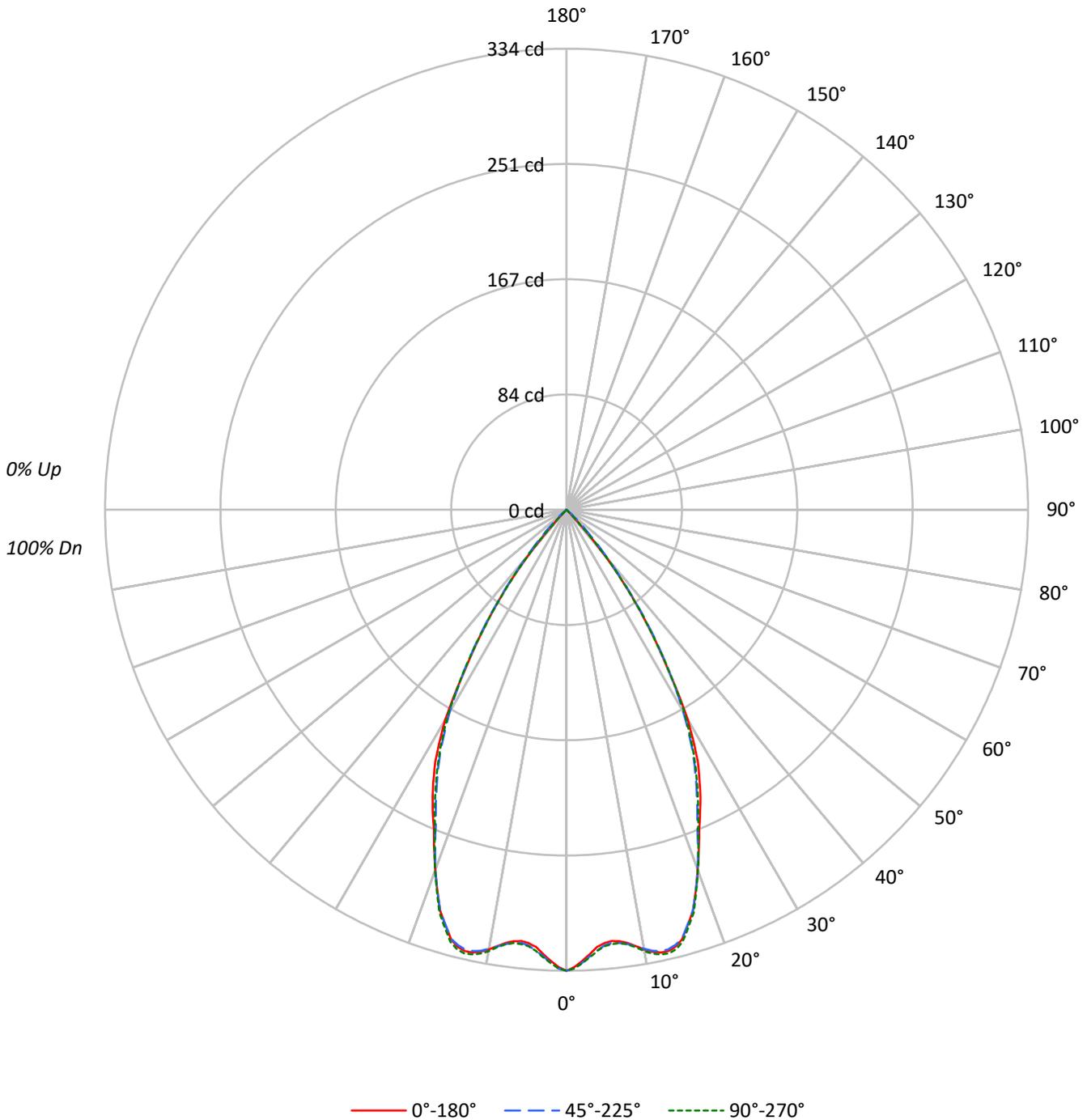
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 296.0 lumens
Efficiency: N/A
Efficacy: 82.2 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 (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				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	96	96	94
2	108	104	100	97	106	102	98	95	99	96	93	96	93	91	93	91	89	88	88	88	88
3	103	97	92	88	101	96	91	88	93	89	86	91	88	85	88	86	84	82	82	82	82
4	98	91	86	81	96	90	85	81	88	83	80	86	82	79	84	81	78	77	77	77	77
5	93	85	80	76	92	84	79	75	83	78	75	81	77	74	79	76	73	72	72	72	72
6	89	80	74	70	87	79	74	70	78	73	70	77	72	69	75	72	69	67	67	67	67
7	85	76	70	66	83	75	69	66	74	69	65	72	68	65	71	67	64	63	63	63	63
8	81	71	66	62	79	71	65	61	70	65	61	69	64	61	68	64	61	59	59	59	59
9	77	67	62	58	76	67	61	58	66	61	57	65	61	57	64	60	57	56	56	56	56
10	73	64	58	54	72	63	58	54	63	58	54	62	57	54	61	57	54	53	53	53	53

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	57522	57522	57522
5°	54475	54769	54855
10°	56556	56469	56801
15°	57483	57412	57822
20°	50877	50877	50969
25°	43592	42300	42661
30°	34881	33608	34125
35°	21634	22076	21592
40°	9510	10454	9757
45°	122	3385	292
50°	0	375	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: 3385 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	30.5	10.3
10°-20°	88.4	29.9
20°-30°	102.7	34.7
30°-40°	64.6	21.8
40°-50°	9.7	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
0°-30°	221.6	74.9
0°-40°	286.2	96.7
0°-60°	296.0	100.0
0°-90°	296.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	296.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	334	334	334	334	334	
5°	315	316	317	318	317	30
15°	322	321	322	324	324	88
25°	229	227	223	224	224	104
35°	103	103	105	103	103	64
45°	0	4	14	6	1	6
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°	334.0	334.0	334.0	334.0	334.0
1°	331.4	332.4	332.4	332.6	332.4
2°	326.9	328.3	328.3	329.1	328.6
3°	322.4	323.6	323.9	324.8	324.6
4°	317.5	319.4	320.1	320.6	320.3
5°	315.1	316.3	316.8	317.5	317.3
6°	314.2	315.1	315.6	316.3	316.3
7°	314.9	315.6	316.3	316.8	316.3
8°	317.0	317.7	317.7	318.7	318.0
9°	320.1	320.3	320.3	321.5	320.8
10°	323.4	322.9	322.9	324.6	324.8
11°	326.2	325.8	325.5	327.2	327.6
12°	327.9	326.9	326.9	329.1	329.3
13°	328.1	326.9	326.9	329.1	329.8
14°	326.2	324.8	325.0	327.4	328.1
15°	322.4	321.3	322.0	324.1	324.3
17.5°	304.5	303.8	304.3	305.7	305.9
20°	277.6	277.1	277.6	277.6	278.1
22.5°	250.9	249.7	247.4	248.8	249.0
25°	229.4	226.8	222.6	223.5	224.5
27.5°	205.8	202.5	198.0	199.2	199.5
30°	175.4	173.7	169.0	170.2	171.6
32.5°	135.5	140.0	137.1	136.9	137.1
35°	102.9	103.2	105.0	102.9	102.7
37.5°	72.0	72.2	73.6	71.3	71.5
40°	42.3	45.3	46.5	45.6	43.4
42.5°	13.2	23.4	26.4	22.9	14.6
45°	0.5	4.5	13.9	5.9	1.2
47.5°	0.0	0.2	6.6	0.5	0.0
50°	0.0	0.0	1.4	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)