

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: P1319740

Luminaire Tested: LDSQA3D02R609840DE010 3LSQCDR1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1319740
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-41)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D02R609840DE010 3LSQCDR1MW
Description: 3in Adjustable LED luminaire with, R60 optic, 4000K CCT AND, 98CRI , 3LSQCDR1MW TRIM
Light Source: -
Ballast/Driver: -

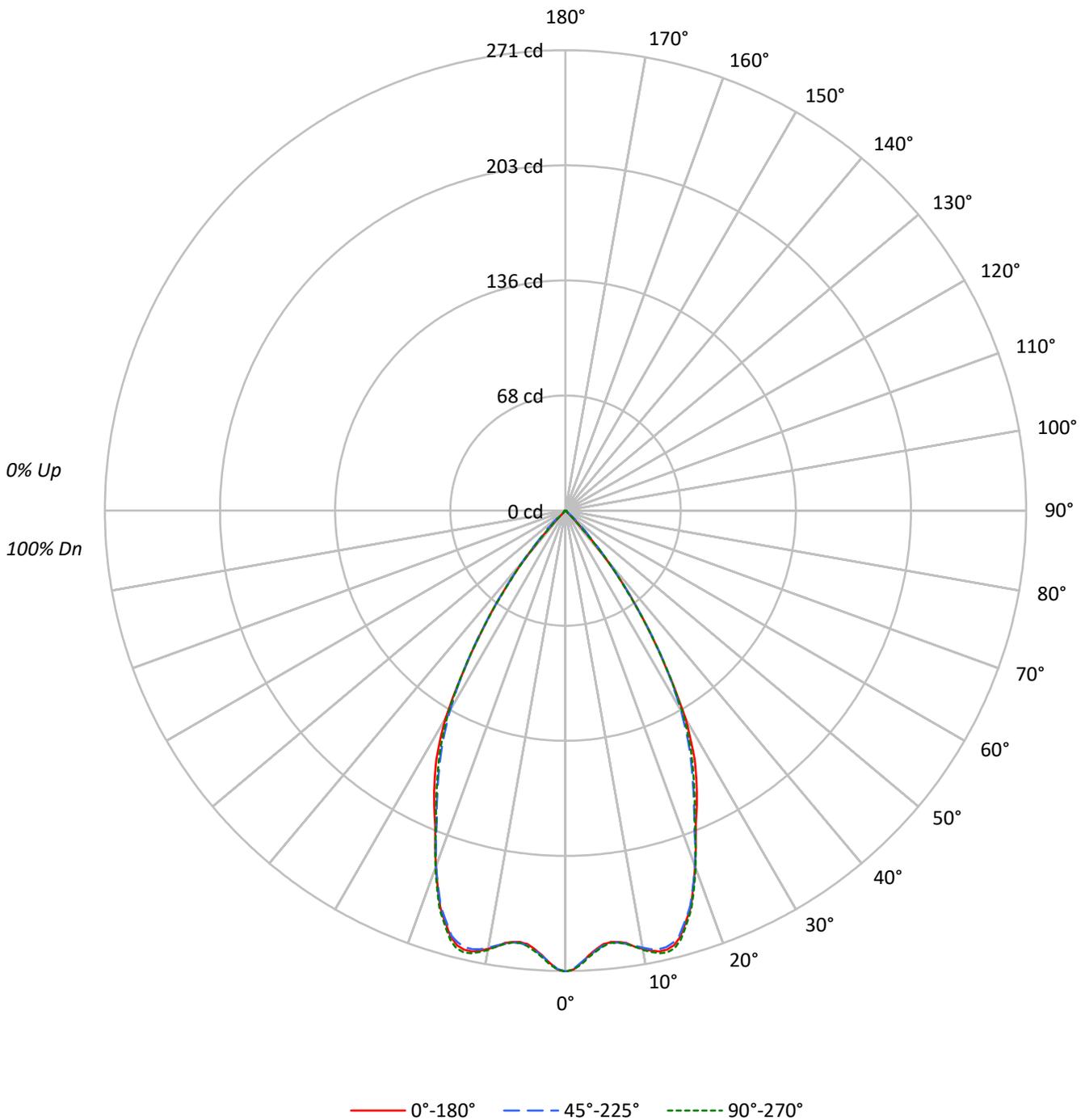
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 242.0 lumens
Efficiency: N/A
Efficacy: 67.2 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.92 / 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	108	106	111	109	107	105	105	103	101	101	100	98	98	96	95	95	95	95	94
2	108	103	99	96	106	102	98	95	98	95	93	95	93	91	93	91	89	89	89	89	87
3	103	97	92	88	101	95	91	87	93	89	86	90	87	84	88	85	83	83	83	83	82
4	98	90	85	81	96	89	84	80	87	83	79	85	81	78	83	80	78	78	78	78	76
5	93	85	79	75	91	84	79	75	82	77	74	80	76	73	79	75	73	73	73	73	71
6	88	80	74	70	87	79	73	69	77	73	69	76	72	68	75	71	68	68	68	68	67
7	84	75	69	65	83	74	69	65	73	68	64	72	67	64	71	67	64	64	64	64	62
8	80	71	65	61	79	70	65	61	69	64	60	68	64	60	67	63	60	60	60	60	59
9	76	67	61	57	75	66	61	57	65	60	57	65	60	57	64	59	56	56	56	56	55
10	73	63	58	54	72	63	57	54	62	57	54	61	57	53	61	56	53	53	53	53	52

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	46724	46724	46724
5°	44292	44413	44482
10°	45818	45696	45923
15°	46375	46179	46661
20°	40834	40815	41017
25°	34756	33749	34034
30°	28060	27066	27523
35°	17745	17913	17724
40°	8296	8633	8431
45°	511	3044	609
50°	241	723	241
55°	270	270	270
60°	276	276	276
65°	245	326	245
70°	302	302	302
75°	266	266	266
80°	198	198	198
85°	395	395	395

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°
 Vertical Angle: 45°
 Luminance: 3044 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	24.7	10.2
10°-20°	71.2	29.4
20°-30°	82.1	33.9
30°-40°	52.7	21.8
40°-50°	9.2	3.8
50°-60°	0.8	0.3
60°-70°	0.7	0.3
70°-80°	0.4	0.2
80°-90°	0.1	0.1
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°	178.0	73.6
0°-40°	230.8	95.3
0°-60°	240.8	99.5
0°-90°	242.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	242.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	271	271	271	271	271	
5°	256	257	257	258	257	25
15°	260	259	259	261	262	71
25°	183	181	178	178	179	83
35°	84	84	85	84	84	53
45°	2	6	12	7	2	7
55°	1	1	1	1	1	1
65°	1	1	1	1	1	1
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°	271.3	271.3	271.3	271.3	271.3
1°	270.2	270.0	269.8	270.0	270.2
2°	266.4	266.2	266.0	266.8	267.2
3°	262.2	262.4	262.6	263.0	263.2
4°	258.8	259.2	259.4	259.8	260.0
5°	256.2	256.7	256.9	257.5	257.3
6°	255.4	255.8	256.0	256.2	255.8
7°	255.8	256.0	256.2	256.5	256.2
8°	257.1	257.3	257.5	257.7	257.7
9°	259.8	259.4	259.2	260.0	259.8
10°	262.0	261.5	261.3	262.4	262.6
11°	263.9	263.2	263.0	264.3	264.7
12°	265.3	264.1	263.9	265.6	266.4
13°	265.3	263.7	263.7	265.6	266.8
14°	263.7	262.0	262.0	264.1	265.4
15°	260.1	259.2	259.0	260.7	261.7
17.5°	245.0	243.9	244.1	245.9	246.1
20°	222.8	222.3	222.7	223.0	223.8
22.5°	200.3	199.9	197.9	198.4	198.8
25°	182.9	180.8	177.6	177.8	179.1
27.5°	164.5	162.4	157.9	158.9	160.2
30°	141.1	139.4	136.1	136.7	138.4
32.5°	110.8	114.2	111.1	112.1	111.5
35°	84.4	83.9	85.2	83.5	84.3
37.5°	59.5	59.6	60.2	58.7	58.7
40°	36.9	37.9	38.4	37.7	37.5
42.5°	15.5	21.2	22.3	21.2	15.7
45°	2.1	6.2	12.5	7.4	2.5
47.5°	0.9	1.3	6.6	1.3	0.9
50°	0.9	0.9	2.7	0.9	0.9
52.5°	0.9	0.9	0.9	0.9	0.9
55°	0.9	0.9	0.9	0.9	0.9
57.5°	0.9	0.9	0.9	0.9	0.9
60°	0.8	0.8	0.8	0.8	0.8
62.5°	0.8	0.8	0.8	0.8	0.8
65°	0.6	0.8	0.8	0.8	0.6
67.5°	0.6	0.6	0.6	0.6	0.6
70°	0.6	0.6	0.6	0.6	0.6
72.5°	0.4	0.4	0.4	0.4	0.4
75°	0.4	0.4	0.4	0.4	0.4
77.5°	0.4	0.4	0.4	0.4	0.4
80°	0.2	0.2	0.2	0.2	0.2
82.5°	0.2	0.2	0.2	0.2	0.2
85°	0.2	0.2	0.2	0.2	0.2
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)