

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: P1312157

Luminaire Tested: LDSQA3D02R609050DE010 3LSQCDR1MMS

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1312157
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: LDSQA3D02R609050DE010 3LSQCDR1MMS
Description: 3in Adjustable LED luminaire with, R60 optic, 5000K CCT AND, 90CRI , 3LSQCDR1MMS TRIM
Light Source: -
Ballast/Driver: -

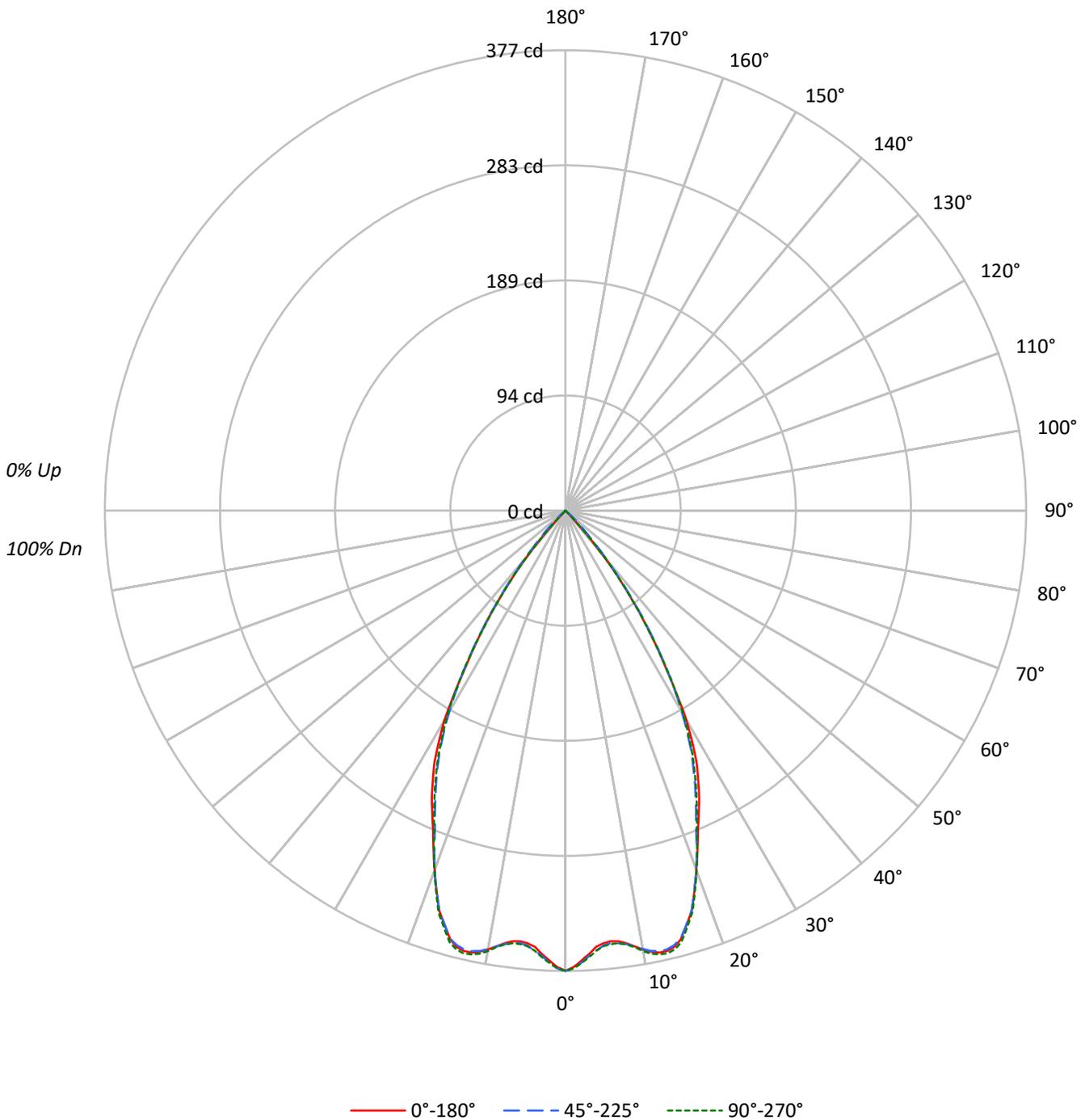
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 334.0 lumens
Efficiency: N/A
Efficacy: 92.8 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

TEST NUMBER: P1312157
CATALOG NUMBER: LDSQA3D02R609050DE010 3LSQCDR1MMS

Luminous Intensity Polar Plot





TEST NUMBER: P1312157

CATALOG NUMBER: LDSQA3D02R609050DE010 3LSQCDR1MMS

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	100	100	100	100
1	114	111	109	107	111	109	107	105	105	103	102	101	100	99	98	97	96	94	94	94	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	65	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°	64911	64911	64911
5°	61476	61805	61891
10°	63814	63726	64093
15°	64865	64776	65257
20°	57402	57402	57512
25°	49198	47735	48134
30°	39355	37924	38500
35°	24409	24914	24367
40°	10724	11803	11016
45°	122	3824	317
50°	0	429	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: 3824 cd/sqm



TEST NUMBER: P1312157

CATALOG NUMBER: LDSQA3D02R609050DE010 3LSQCDR1MMS

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	34.4	10.3
10°-20°	99.8	29.9
20°-30°	115.8	34.7
30°-40°	72.9	21.8
40°-50°	11.0	3.3
50°-60°	0.1	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°	250.0	74.9
0°-40°	323.0	96.7
0°-60°	334.0	100.0
0°-90°	334.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	334.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	377	377	377	377	377	
5°	356	357	358	358	358	34
15°	364	362	363	366	366	100
25°	259	256	251	252	253	118
35°	116	116	118	116	116	72
45°	0	5	16	7	1	7
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



TEST NUMBER: P1312157
 CATALOG NUMBER: LDSQA3D02R609050DE010 3LSQCDR1MMS

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	376.9	376.9	376.9	376.9	376.9
1°	374.0	375.0	375.0	375.3	375.0
2°	368.9	370.5	370.5	371.3	370.8
3°	363.8	365.2	365.4	366.5	366.2
4°	358.2	360.4	361.2	361.7	361.4
5°	355.6	356.9	357.5	358.2	358.0
6°	354.5	355.6	356.1	356.9	356.9
7°	355.3	356.1	356.9	357.5	356.9
8°	357.7	358.5	358.5	359.6	358.8
9°	361.2	361.4	361.4	362.8	362.0
10°	364.9	364.4	364.4	366.2	366.5
11°	368.1	367.6	367.3	369.2	369.7
12°	370.0	368.9	368.9	371.3	371.6
13°	370.2	368.9	368.9	371.3	372.1
14°	368.1	366.5	366.8	369.4	370.2
15°	363.8	362.5	363.3	365.7	366.0
17.5°	343.6	342.8	343.3	344.9	345.2
20°	313.2	312.7	313.2	313.2	313.8
22.5°	283.1	281.8	279.1	280.7	281.0
25°	258.9	256.0	251.2	252.2	253.3
27.5°	232.3	228.5	223.5	224.8	225.1
30°	197.9	196.0	190.7	192.0	193.6
32.5°	152.9	157.9	154.8	154.5	154.8
35°	116.1	116.4	118.5	116.1	115.9
37.5°	81.2	81.5	83.1	80.4	80.7
40°	47.7	51.1	52.5	51.4	49.0
42.5°	14.9	26.4	29.8	25.8	16.5
45°	0.5	5.1	15.7	6.7	1.3
47.5°	0.0	0.3	7.5	0.5	0.0
50°	0.0	0.0	1.6	0.0	0.0
52.5°	0.0	0.0	0.3	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



TEST NUMBER: P1312157
CATALOG NUMBER: LDSQA3D02R609050DE010 3LSQCDR1MMS

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)