

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: P1323672

Luminaire Tested: LDSQA3D05R559030D2WDE010 3LSQCDR1MMS

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1323672
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-28)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D05R559030D2WDE010 3LSQCDR1MMS
Description: 3in Adjustable Dim to Warm LED luminaire with, R55 optic, 3000K CCT AND, 90CRI ,
3LSQCDR1MMS TRIM
Light Source: -
Ballast/Driver: -

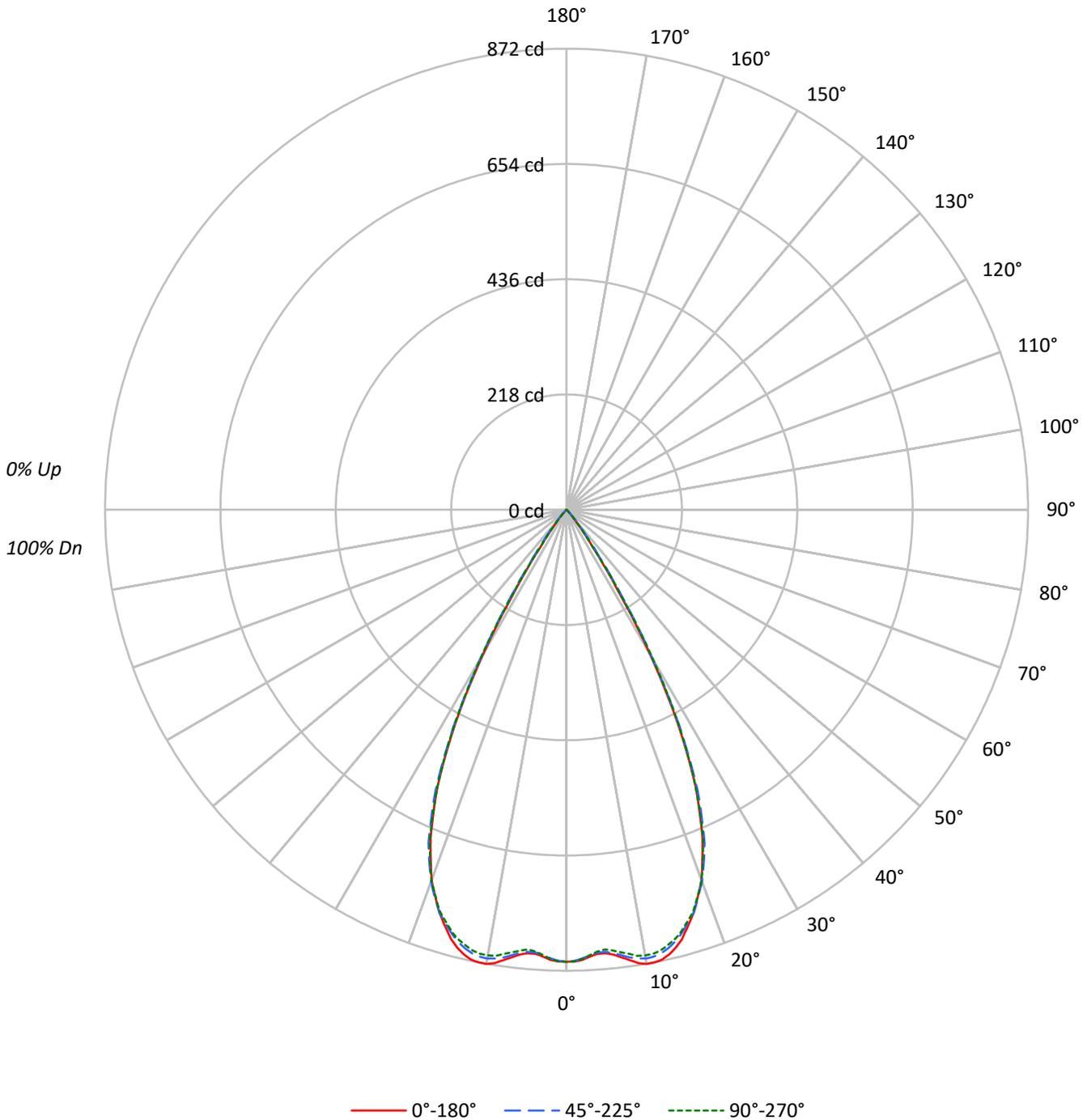
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 650.0 lumens
Efficiency: N/A
Efficacy: 58.6 lumens/watt
Spacing Criteria (0/90/45): 0.93 / 0.93 / 0.81
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
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: P1323672
CATALOG NUMBER: LDSQA3D05R559030D2WDE010 3LSQCDR1MMS

Luminous Intensity Polar Plot





TEST NUMBER: P1323672

CATALOG NUMBER: LDSQA3D05R559030D2WDE010 3LSQCDR1MMS

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	112	109	107	112	109	107	106	105	104	102	102	100	99	98	97	96	96	96	96	95
2	109	105	101	98	107	103	100	97	100	97	95	97	95	93	94	93	91	91	91	91	89
3	104	99	94	91	103	97	93	90	95	91	89	92	90	87	90	88	86	86	86	86	84
4	100	93	88	84	98	92	87	84	90	86	83	88	85	82	86	83	81	81	81	81	80
5	96	88	83	79	94	87	82	79	85	81	78	84	80	77	82	79	77	77	77	77	75
6	91	83	78	74	90	83	78	74	81	77	74	80	76	73	79	75	73	73	73	73	71
7	87	79	74	70	86	79	73	70	77	73	69	76	72	69	75	72	69	69	69	69	67
8	84	75	70	66	83	75	70	66	74	69	66	73	69	65	72	68	65	65	65	65	64
9	80	72	66	63	79	71	66	63	70	66	62	69	65	62	69	65	62	62	62	62	61
10	77	68	63	59	76	68	63	59	67	62	59	66	62	59	66	62	59	59	59	59	58

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	147250	147250	147250
5°	145565	145133	144355
10°	152565	150746	149697
15°	150038	148433	147898
20°	136669	137218	136760
25°	109645	111356	109645
30°	62921	64512	65009
35°	17934	21613	18460
40°	4609	6610	4721
45°	487	2314	365
50°	0	402	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: 2314 cd/sqm



TEST NUMBER: P1323672

CATALOG NUMBER: LDSQA3D05R559030D2WDE010 3LSQCDR1MMS

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	81.2	12.5
10°-20°	231.6	35.6
20°-30°	255.1	39.3
30°-40°	76.2	11.7
40°-50°	5.9	0.9
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°	568.0	87.4
0°-40°	644.1	99.1
0°-60°	650.0	100.0
0°-90°	650.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	650.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	855	855	855	855	855	
5°	842	840	840	836	835	82
15°	842	836	832	829	830	233
25°	577	577	586	585	577	253
35°	85	91	103	94	88	71
45°	2	5	10	5	2	4
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: P1323672

CATALOG NUMBER: LDSQA3D05R559030D2WDE010 3LSQCDR1MMS

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	855.0	855.0	855.0	855.0	855.0
1°	854.5	854.5	853.5	853.0	854.5
2°	852.0	852.0	849.5	849.0	850.5
3°	846.5	846.0	844.0	842.5	843.5
4°	842.0	841.0	839.5	837.0	837.5
5°	842.0	840.5	839.5	836.0	835.0
6°	846.0	845.0	843.0	839.5	838.5
7°	853.0	851.0	849.0	844.5	843.5
8°	860.5	859.0	855.0	850.5	848.5
9°	868.0	864.5	859.5	855.0	854.5
10°	872.4	867.5	862.0	856.5	856.0
11°	871.9	867.5	861.0	856.0	855.5
12°	869.9	863.5	858.0	852.0	852.5
13°	863.0	857.0	851.5	847.0	846.0
14°	853.5	848.0	843.0	838.5	839.0
15°	841.5	835.5	832.5	829.0	829.5
17.5°	799.1	797.6	799.1	795.1	796.6
20°	745.7	744.2	748.7	746.7	746.2
22.5°	671.3	673.3	681.8	679.3	674.8
25°	577.0	577.0	586.0	585.0	577.0
27.5°	454.2	457.7	463.2	465.7	459.7
30°	316.4	324.4	324.4	329.4	326.9
32.5°	176.7	193.7	197.6	200.1	190.2
35°	85.3	90.8	102.8	93.8	87.8
37.5°	40.9	43.4	55.4	44.9	41.9
40°	20.5	23.5	29.4	24.5	21.0
42.5°	8.5	12.5	15.5	12.5	8.5
45°	2.0	5.0	9.5	5.0	1.5
47.5°	0.0	0.5	4.5	1.0	0.0
50°	0.0	0.0	1.5	0.0	0.0
52.5°	0.0	0.0	0.0	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: P1323672
CATALOG NUMBER: LDSQA3D05R559030D2WDE010 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)