

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: P1323489

Luminaire Tested: LDSQA3D02R359030D2WDE010 3LSQPHRL1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1323489
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-10)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D02R359030D2WDE010 3LSQPHRL1MW
Description: 3in Adjustable Dim to Warm LED luminaire with, R35 optic, 3000K CCT AND, 90CRI ,
3LSQPHRL1MW TRIM
Light Source: -
Ballast/Driver: -

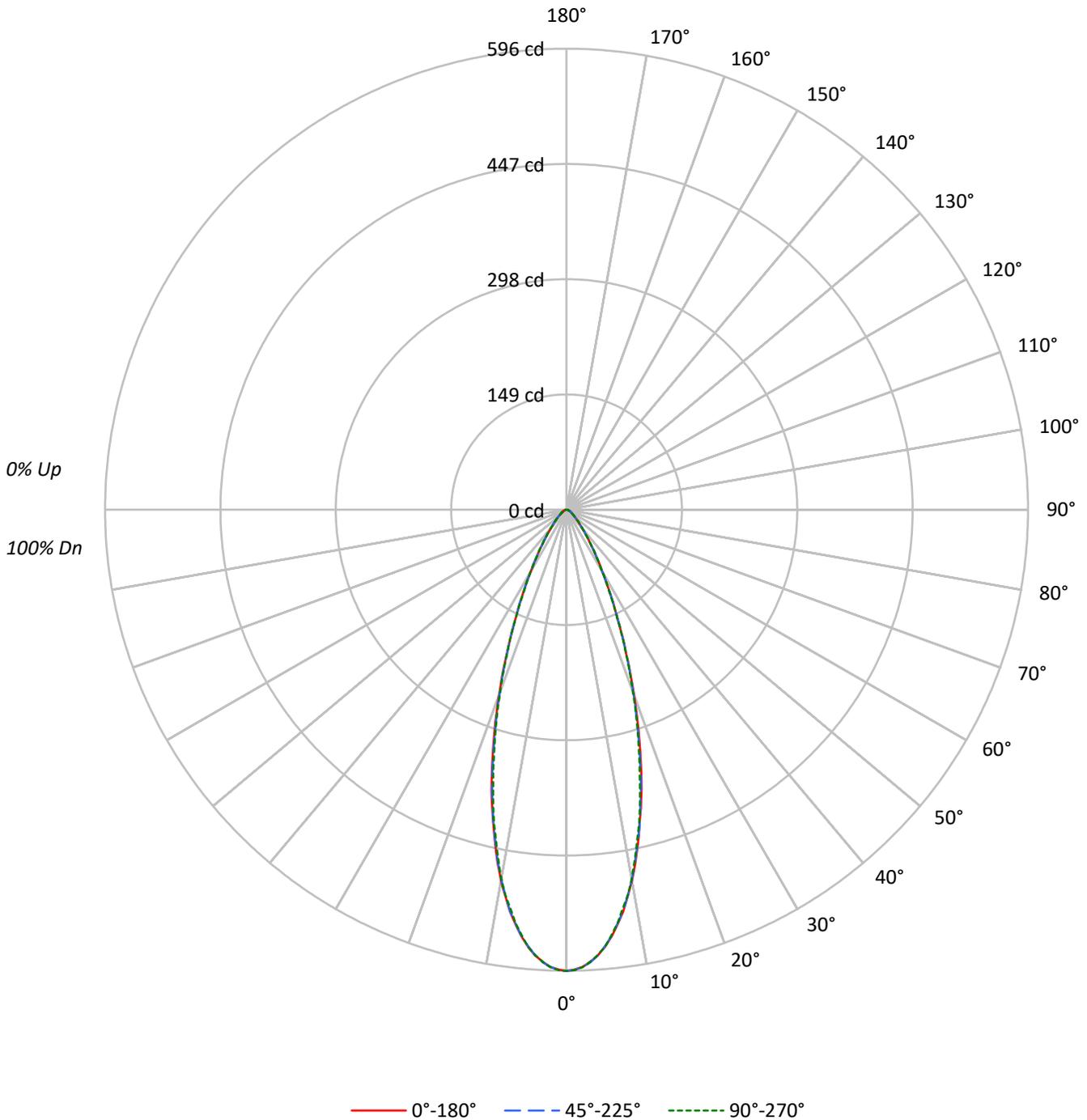
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 294.0 lumens
Efficiency: N/A
Efficacy: 40.8 lumens/watt
Spacing Criteria (0/90/45): 0.59 / 0.58 / 0.6
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
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: P1323489
CATALOG NUMBER: LDSQA3D02R359030D2WDE010 3LSQPHRL1MW

Luminous Intensity Polar Plot





TEST NUMBER: P1323489

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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	100				100
1	114	111	108	106	111	109	106	104	105	103	101	101	99	98	97	96	95	94				94
2	108	103	99	96	106	102	98	95	98	95	93	95	93	91	93	91	89	87				87
3	103	97	92	88	101	95	91	87	93	89	86	90	87	85	88	86	83	82				82
4	98	91	86	82	97	90	85	81	88	84	80	86	82	79	84	81	78	77				77
5	94	86	80	76	92	85	80	76	83	79	75	82	78	75	80	77	74	73				73
6	90	81	76	72	88	81	75	71	79	74	71	78	74	70	76	73	70	69				69
7	86	77	72	68	85	77	71	67	75	71	67	74	70	67	73	69	66	65				65
8	82	73	68	64	81	73	68	64	72	67	64	71	67	63	70	66	63	62				62
9	79	70	65	61	78	70	64	61	69	64	61	68	63	60	67	63	60	59				59
10	76	67	62	58	75	67	61	58	66	61	58	65	61	58	64	60	57	56				56

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	102662	102662	102662
5°	98110	97937	98110
10°	85166	84886	84764
15°	66737	66220	65168
20°	46680	46277	45965
25°	29644	29834	29644
30°	18276	18395	18276
35°	11311	11374	11374
40°	7172	7262	7262
45°	4847	4920	4993
50°	3483	3590	3590
55°	2732	2732	2732
60°	2239	2239	2239
65°	1997	1997	1997
70°	1813	1813	1813
75°	1530	1530	1530
80°	1289	1289	1289
85°	593	593	1383

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 67.5°
 Vertical Angle: 45°
 Luminance: 4993 cd/sqm



TEST NUMBER: P1323489

CATALOG NUMBER: LDSQA3D02R359030D2WDE010 3LSQPHRL1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	51.5	17.5
10°-20°	101.4	34.5
20°-30°	73.2	24.9
30°-40°	35.3	12.0
40°-50°	16.3	5.5
50°-60°	8.4	2.9
60°-70°	4.8	1.6
70°-80°	2.5	0.8
80°-90°	0.6	0.2
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°	226.1	76.9
0°-40°	261.4	88.9
0°-60°	286.1	97.3
0°-90°	294.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	294.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	596	596	596	596	596	
5°	568	569	566	567	568	52
15°	374	374	371	370	366	102
25°	156	156	157	157	156	73
35°	54	54	54	54	54	35
45°	20	20	20	20	20	16
55°	9	9	9	9	9	8
65°	5	5	5	5	5	5
75°	2	2	2	2	2	2
85°	0	0	0	0	1	1
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	596.1	596.1	596.1	596.1	596.1
1°	594.5	595.5	595.2	595.5	595.2
2°	591.6	592.2	591.6	591.9	591.9
3°	585.4	586.0	586.0	585.7	585.4
4°	577.9	579.5	577.9	578.2	577.2
5°	567.5	568.8	566.5	566.8	567.5
6°	554.8	555.1	554.4	554.1	553.5
7°	540.1	541.4	539.1	539.5	538.8
8°	524.5	524.1	524.1	522.8	520.9
9°	505.6	506.9	504.9	504.3	504.6
10°	487.0	487.0	485.4	483.8	484.7
11°	465.8	465.2	464.2	461.9	461.3
12°	442.7	444.0	441.1	440.1	437.8
13°	418.9	420.9	419.6	416.0	416.3
14°	396.8	395.5	394.5	393.8	391.6
15°	374.3	373.6	371.4	369.7	365.5
17.5°	312.7	313.4	309.1	308.5	306.9
20°	254.7	252.8	252.5	252.8	250.8
22.5°	201.0	202.9	200.7	201.0	199.7
25°	156.0	156.4	157.0	157.0	156.0
27.5°	121.2	121.2	120.5	121.2	120.2
30°	91.9	91.9	92.5	93.2	91.9
32.5°	71.0	71.0	71.0	71.3	71.7
35°	53.8	53.8	54.1	54.1	54.1
37.5°	41.4	41.7	42.0	42.0	42.0
40°	31.9	32.3	32.3	32.6	32.3
42.5°	25.4	25.4	25.4	25.7	25.7
45°	19.9	20.2	20.2	20.5	20.5
47.5°	16.3	16.3	16.3	16.6	16.6
50°	13.0	13.4	13.4	13.4	13.4
52.5°	10.8	10.8	11.1	11.1	11.1
55°	9.1	9.1	9.1	9.1	9.1
57.5°	7.5	7.8	7.8	7.8	7.8
60°	6.5	6.5	6.5	6.5	6.5
62.5°	5.5	5.5	5.5	5.5	5.5
65°	4.9	4.9	4.9	4.9	4.9
67.5°	3.9	4.2	4.2	4.2	4.2
70°	3.6	3.6	3.6	3.6	3.6
72.5°	2.6	2.9	2.9	2.9	2.9
75°	2.3	2.3	2.3	2.3	2.3
77.5°	2.0	1.6	1.6	1.6	2.0
80°	1.3	1.3	1.3	1.3	1.3
82.5°	1.0	1.0	1.0	1.0	1.0
85°	0.3	0.3	0.3	0.3	0.7
87.5°	0.0	0.0	0.0	0.3	0.3



TEST NUMBER: P1323489
CATALOG NUMBER: LDSQA3D02R359030D2WDE010 3LSQPHRL1MW

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)