

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: P1311006

Luminaire Tested: LDSQA3D02R359040DE010 3LSQCDR1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1311006
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-37)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D02R359040DE010 3LSQCDR1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 4000K CCT AND, 90CRI , 3LSQCDR1MW TRIM
Light Source: -
Ballast/Driver: -

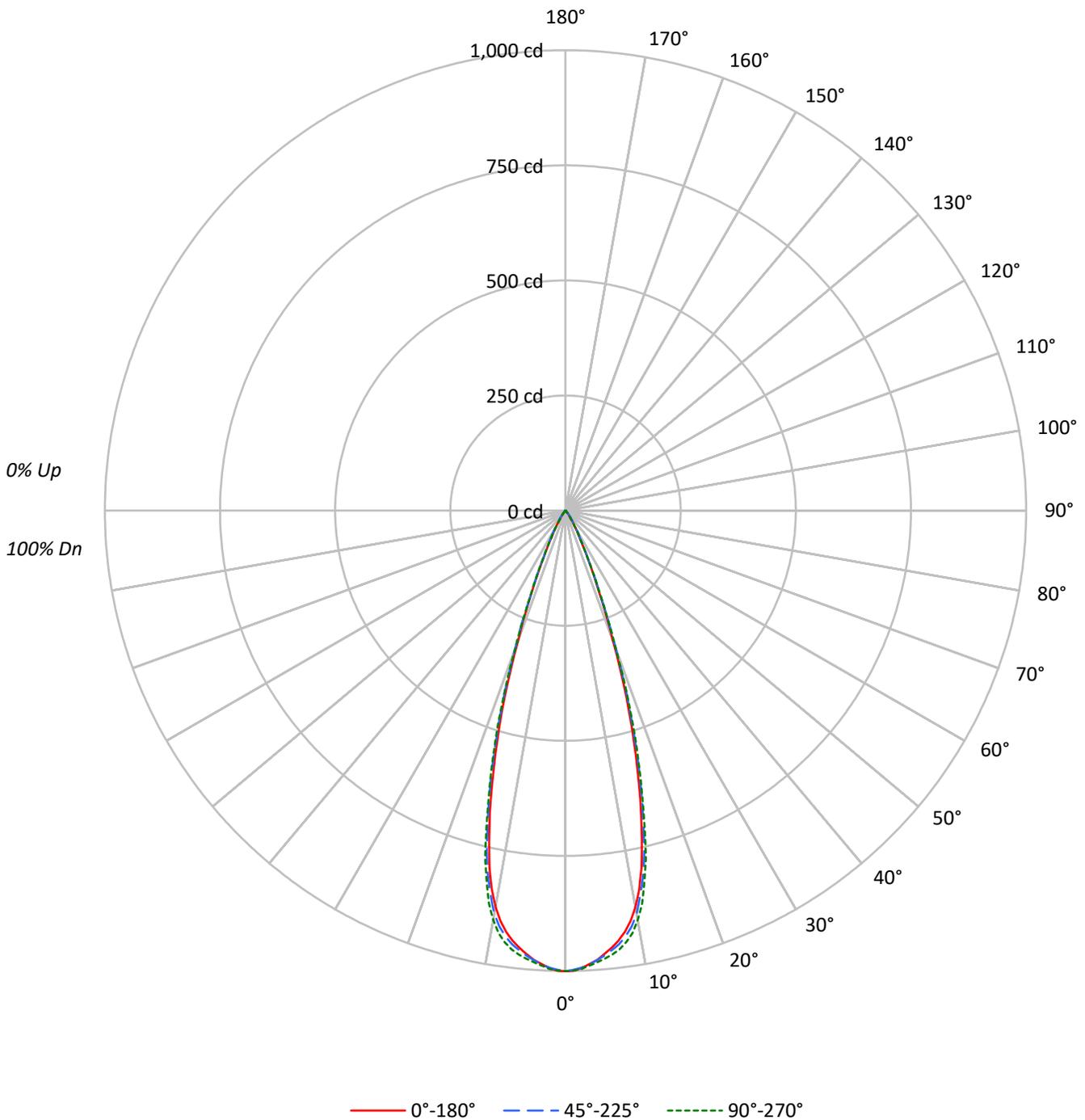
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 336.0 lumens
Efficiency: N/A
Efficacy: 93.3 lumens/watt
Spacing Criteria (0/90/45): 0.57 / 0.58 / 0.52
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

TEST NUMBER: P1311006
CATALOG NUMBER: LDSQA3D02R359040DE010 3LSQCDR1MW

Luminous Intensity Polar Plot





TEST NUMBER: P1311006

CATALOG NUMBER: LDSQA3D02R359040DE010 3LSQCDR1MW

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	115	113	111	109	112	110	109	107	106	105	104	103	102	101	99	99	98	98	98	98	96
2	111	107	104	101	109	105	103	100	102	100	98	99	98	96	97	95	94	94	94	94	93
3	107	102	98	95	105	101	97	95	98	96	93	96	94	92	94	92	90	94	92	90	89
4	103	98	94	91	102	97	93	90	95	92	89	93	90	88	91	89	87	91	89	87	86
5	100	94	90	86	99	93	89	86	91	88	85	90	87	85	89	86	84	89	86	84	83
6	97	90	86	83	96	90	86	83	88	85	82	87	84	82	86	83	81	86	83	81	80
7	94	87	83	80	93	87	82	79	85	82	79	84	81	79	83	81	78	83	81	78	77
8	91	84	80	77	90	84	79	77	83	79	76	82	78	76	81	78	76	81	78	76	75
9	88	81	77	74	88	81	77	74	80	76	74	79	76	74	79	76	73	79	76	73	72
10	86	79	75	72	85	78	74	72	78	74	71	77	74	71	76	73	71	76	73	71	70

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	172274	172274	172274
5°	167175	167763	168887
10°	152915	155573	157969
15°	109760	113790	114949
20°	55221	58428	58575
25°	20922	21568	21682
30°	8492	9744	8352
35°	3091	4688	2985
40°	1304	2001	1237
45°	317	828	317
50°	214	348	214
55°	240	240	240
60°	276	276	276
65°	204	204	204
70°	151	151	151
75°	200	200	200
80°	298	298	298
85°	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°

Vertical Angle: 45°

Luminance: 828 cd/sqm



TEST NUMBER: P1311006

CATALOG NUMBER: LDSQA3D02R359040DE010 3LSQCDR1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	90.4	26.9
10°-20°	168.5	50.1
20°-30°	60.6	18.0
30°-40°	12.7	3.8
40°-50°	2.2	0.7
50°-60°	0.7	0.2
60°-70°	0.5	0.2
70°-80°	0.3	0.1
80°-90°	0.1	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°	319.5	95.1
0°-40°	332.2	98.9
0°-60°	335.2	99.7
0°-90°	336.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	336.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1000	1000	1000	1000	1000	
5°	967	969	970	977	977	90
15°	616	626	638	645	645	164
25°	110	112	114	115	114	59
35°	15	17	22	17	14	11
45°	1	2	3	2	1	2
55°	1	1	1	1	1	1
65°	0	0	0	0	0	1
75°	0	0	0	0	0	0
85°	0	0	0	0	0	0
90°	0	0	0	0	0	



TEST NUMBER: P1311006
 CATALOG NUMBER: LDSQA3D02R359040DE010 3LSQCDR1MW

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1000.3	1000.3	1000.3	1000.3	1000.3
1°	999.8	999.8	997.7	1000.0	999.2
2°	994.2	994.8	993.5	996.3	996.1
3°	986.6	988.0	986.9	991.1	989.8
4°	978.5	979.6	979.0	984.3	983.8
5°	967.0	968.8	970.4	976.9	976.9
6°	955.2	957.0	960.4	967.5	969.9
7°	941.5	943.9	949.4	958.8	960.4
8°	924.2	926.9	934.5	944.7	946.8
9°	902.7	906.7	915.3	927.6	929.0
10°	874.4	877.6	889.6	899.9	903.3
11°	837.7	840.3	851.1	867.6	869.7
12°	793.1	796.3	810.2	820.9	823.0
13°	736.8	742.8	759.6	770.1	775.8
14°	678.8	687.0	699.0	714.0	710.3
15°	615.6	626.4	638.2	645.0	644.7
17.5°	460.7	467.0	477.5	481.4	486.6
20°	301.3	309.4	318.8	322.5	319.6
22.5°	186.9	189.0	191.9	193.5	193.0
25°	110.1	111.7	113.5	114.6	114.1
27.5°	66.3	70.0	72.6	69.5	67.6
30°	42.7	44.3	49.0	44.8	42.0
32.5°	25.4	29.1	33.0	28.1	24.4
35°	14.7	17.3	22.3	17.0	14.2
37.5°	9.4	10.8	14.4	10.5	9.2
40°	5.8	7.3	8.9	6.8	5.5
42.5°	2.9	4.5	5.2	3.9	2.9
45°	1.3	2.1	3.4	2.1	1.3
47.5°	0.8	1.0	2.1	1.0	0.8
50°	0.8	0.8	1.3	0.8	0.8
52.5°	0.8	0.8	0.8	0.8	0.8
55°	0.8	0.8	0.8	0.8	0.8
57.5°	0.8	0.8	0.8	0.8	0.8
60°	0.8	0.8	0.8	0.8	0.8
62.5°	0.5	0.5	0.5	0.5	0.5
65°	0.5	0.5	0.5	0.5	0.5
67.5°	0.5	0.5	0.5	0.5	0.5
70°	0.3	0.3	0.3	0.3	0.3
72.5°	0.3	0.3	0.3	0.3	0.3
75°	0.3	0.3	0.3	0.3	0.3
77.5°	0.3	0.3	0.3	0.3	0.3
80°	0.3	0.3	0.3	0.3	0.3
82.5°	0.3	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: P1311006
CATALOG NUMBER: LDSQA3D02R359040DE010 3LSQCDR1MW

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)