

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: IRiS

Report Number: P1315486

Luminaire Tested: P3SQAS17R259740DE010 E3SQCD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1315486
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-35)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3SQAS17R259740DE010 E3SQCD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 4000K CCT AND, 97CRI , E3SQCD1MW TRIM
Light Source: -
Ballast/Driver: -

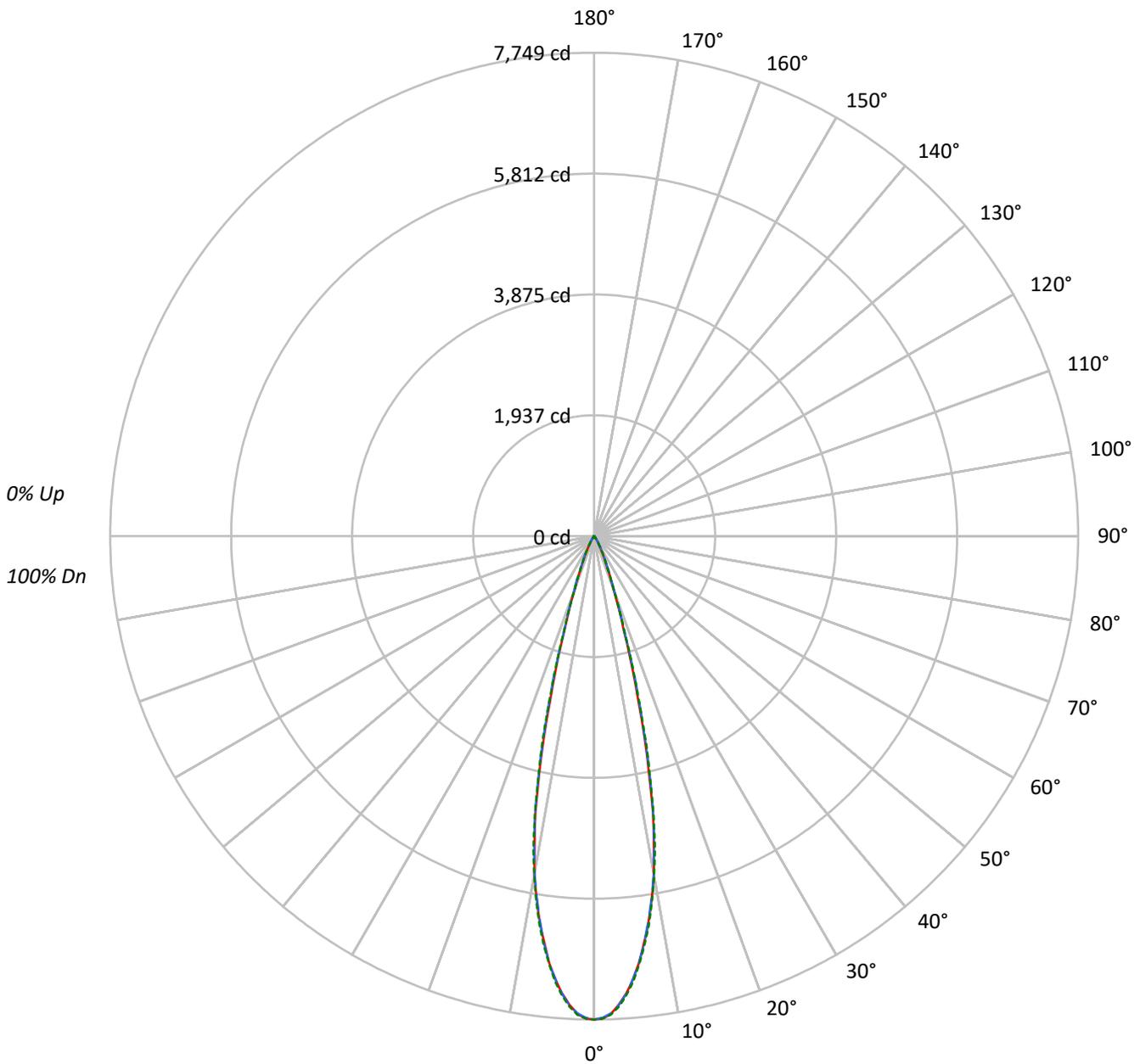
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1636.9 lumens
Efficiency: N/A
Efficacy: 77.2 lumens/watt
Spacing Criteria (0/90/45): 0.45 / 0.45 / 0.41
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
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: P1315486
CATALOG NUMBER: P3SQAS17R259740DE010 E3SQCD1MW

Luminous Intensity Polar Plot



— 0°-180° - - 45°-225° - · - · 90°-270°



TEST NUMBER: P1315486

CATALOG NUMBER: P3SQAS17R259740DE010 E3SQCD1MW

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		0
RCR																			
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102		100
1	115	113	111	110	113	111	109	108	107	106	105	103	102	102	100	99	99		97
2	112	108	105	103	110	107	104	102	103	101	100	101	99	97	98	97	95		94
3	108	104	100	98	107	103	99	97	100	98	95	98	96	94	96	94	93		91
4	105	100	96	93	104	99	96	93	97	94	92	95	93	91	94	92	90		89
5	102	97	93	90	101	96	92	90	94	91	89	93	90	88	91	89	87		86
6	100	94	90	87	98	93	89	87	92	88	86	90	88	86	89	87	85		84
7	97	91	87	84	96	90	87	84	89	86	84	88	85	83	87	85	83		82
8	95	88	84	82	94	88	84	82	87	84	81	86	83	81	85	83	81		80
9	92	86	82	80	91	86	82	79	85	82	79	84	81	79	83	81	79		78
10	90	84	80	78	89	84	80	77	83	80	77	82	79	77	82	79	77		76

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	1334536	1334536	1334536
5°	1232673	1232240	1239138
10°	962904	960281	966821
15°	484418	504655	504209
20°	165754	170318	167587
25°	66604	74909	69455
30°	27046	32256	26290
35°	7863	14171	7863
40°	3642	6160	3642
45°	1218	2436	1218
50°	670	991	670
55°	751	751	751
60°	861	861	861
65°	489	489	489
70°	604	604	604
75°	799	799	799
80°	0	1190	0
85°	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°
 Vertical Angle: 45°
 Luminance: 2436 cd/sqm



TEST NUMBER: P1315486

CATALOG NUMBER: P3SQAS17R259740DE010 E3SQCD1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	628.7	38.4
10°-20°	769.5	47.0
20°-30°	188.0	11.5
30°-40°	38.9	2.4
40°-50°	6.8	0.4
50°-60°	2.3	0.1
60°-70°	1.7	0.1
70°-80°	1.1	0.1
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°	1586.1	96.9
0°-40°	1624.9	99.3
0°-60°	1634.0	99.8
0°-90°	1636.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1636.9	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	7749	7749	7749	7749	7749	
5°	7130	7136	7128	7143	7168	628
15°	2717	2763	2830	2843	2828	759
25°	350	367	394	372	366	179
35°	37	52	67	51	37	32
45°	5	8	10	8	5	5
55°	2	2	2	2	2	2
65°	1	2	1	1	1	2
75°	1	1	1	1	1	1
85°	0	0	0	0	0	0
90°	0	0	0	0	0	0



TEST NUMBER: P1315486

CATALOG NUMBER: P3SQAS17R259740DE010 E3SQCD1MW

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	7748.9	7748.9	7748.9	7748.9	7748.9
1°	7733.9	7724.0	7721.5	7722.7	7735.2
2°	7664.1	7657.9	7656.6	7660.4	7677.8
3°	7521.9	7529.4	7531.9	7544.3	7553.1
4°	7347.3	7362.2	7356.0	7371.0	7380.9
5°	7130.2	7136.4	7127.7	7142.7	7167.6
6°	6877.0	6854.5	6875.7	6882.0	6899.4
7°	6561.4	6566.4	6573.9	6581.3	6607.5
8°	6250.8	6235.8	6232.1	6267.0	6288.2
9°	5887.8	5890.3	5876.6	5916.5	5922.7
10°	5506.1	5474.9	5491.1	5522.3	5528.5
11°	5002.1	4993.4	5017.1	5065.7	5104.4
12°	4529.3	4534.3	4559.3	4575.5	4566.8
13°	3904.4	3941.8	3973.0	3989.2	3968.0
14°	3339.3	3339.3	3379.2	3385.5	3461.6
15°	2716.9	2763.0	2830.4	2842.8	2827.9
17.5°	1569.2	1575.5	1607.9	1606.7	1630.4
20°	904.4	913.1	929.3	925.6	914.4
22.5°	543.9	562.6	601.3	570.1	561.3
25°	350.5	366.7	394.2	371.7	365.5
27.5°	219.5	230.8	252.0	232.0	222.0
30°	136.0	142.2	162.2	143.5	132.2
32.5°	73.6	89.8	106.0	89.8	73.6
35°	37.4	52.4	67.4	51.1	37.4
37.5°	24.9	29.9	43.7	28.7	24.9
40°	16.2	20.0	27.4	20.0	16.2
42.5°	8.7	12.5	15.0	13.7	8.7
45°	5.0	7.5	10.0	7.5	5.0
47.5°	3.7	3.7	6.2	3.7	2.5
50°	2.5	2.5	3.7	2.5	2.5
52.5°	2.5	2.5	2.5	2.5	2.5
55°	2.5	2.5	2.5	2.5	2.5
57.5°	2.5	2.5	2.5	2.5	2.5
60°	2.5	2.5	2.5	2.5	2.5
62.5°	2.5	2.5	2.5	2.5	2.5
65°	1.2	2.5	1.2	1.2	1.2
67.5°	1.2	1.2	1.2	1.2	1.2
70°	1.2	1.2	1.2	1.2	1.2
72.5°	1.2	1.2	1.2	1.2	1.2
75°	1.2	1.2	1.2	1.2	1.2
77.5°	1.2	1.2	1.2	1.2	1.2
80°	0.0	0.0	1.2	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: P1315486
CATALOG NUMBER: P3SQAS17R259740DE010 E3SQCD1MW

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)