

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: P1312018

Luminaire Tested: P3SQAS02R609727DE010 E3SQCD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1312018
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-41)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3SQAS02R609727DE010 E3SQCD1MW
Description: 3in Adjustable LED luminaire with, R60 optic, 2700K CCT AND, 97CRI , E3SQCD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

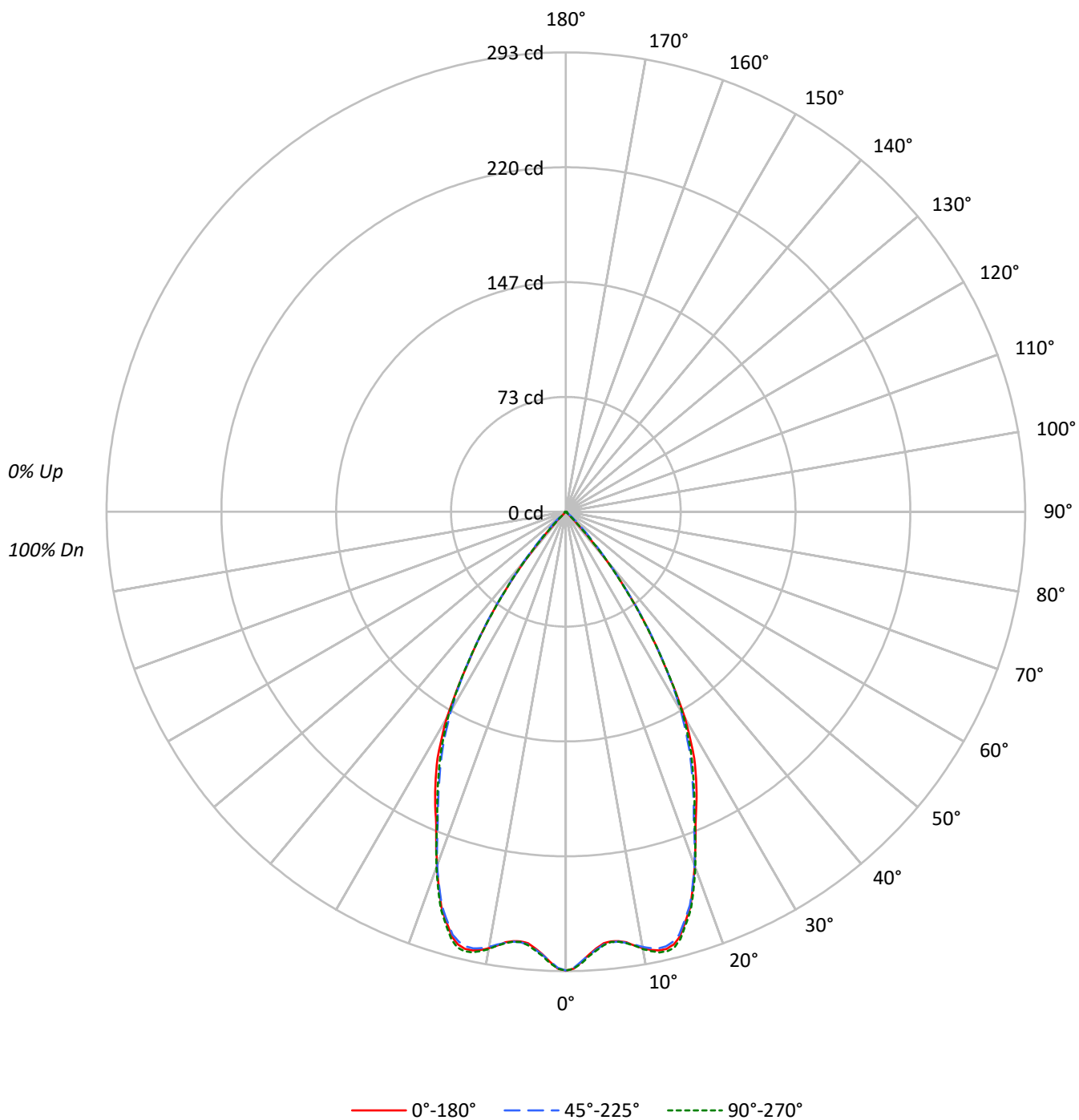
Lumens per Lamp: N/A
Luminaire Lumens: 260.9 lumens
Efficiency: N/A
Efficacy: 72.5 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.92 / 0.9
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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: P1312018

CATALOG NUMBER: P3SQAS02R609727DE010 E3SQCD1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1312018

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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	114	111	108	106	111	109	107	105	105	103	101		101	100	98		98
2	108	103	99	96	106	102	98	95	98	95	93		95	93	91		93
3	103	97	92	88	101	95	91	87	93	89	86		90	87	84		88
4	98	90	85	81	96	89	84	80	87	83	79		85	81	79		83
5	93	85	79	75	91	84	79	75	82	77	74		80	76	73		79
6	88	80	74	70	87	79	73	69	77	73	69		76	72	68		75
7	84	75	69	65	83	74	69	65	73	68	64		72	67	64		71
8	80	71	65	61	79	70	65	61	69	64	60		68	64	60		67
9	76	67	61	57	75	66	61	57	65	60	57		65	60	57		64
10	73	63	58	54	72	63	57	54	62	57	54		61	57	53		61

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	50392	50392	50392
5°	47767	47905	47974
10°	49421	49281	49526
15°	50030	49799	50316
20°	44041	44004	44243
25°	37492	36390	36713
30°	30247	29193	29691
35°	19153	19322	19111
40°	8948	9330	9083
45°	536	3288	658
50°	268	777	268
55°	300	300	300
60°	276	276	276
65°	245	326	245
70°	302	302	302
75°	266	266	266
80°	198	198	198
85°	395	395	395

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°

Vertical Angle: 45°

Luminance: 3288 cd/sqm

TEST NUMBER: P1312018

CATALOG NUMBER: P3SQAS02R609727DE010 E3SQCD1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	26.7	10.2
10°-20°	76.8	29.4
20°-30°	88.5	33.9
30°-40°	56.9	21.8
40°-50°	9.9	3.8
50°-60°	0.9	0.4
60°-70°	0.7	0.3
70°-80°	0.4	0.2
80°-90°	0.1	0.1
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°	192.0	73.6
0°-40°	248.9	95.4
0°-60°	259.7	99.5
0°-90°	260.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	260.9	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	293	293	293	293	293	
5°	276	277	277	278	278	27
15°	281	280	279	281	282	77
25°	197	195	192	192	193	90
35°	91	90	92	90	91	57
45°	2	7	14	8	3	7
55°	1	1	1	1	1	1
65°	1	1	1	1	1	1
75°	0	0	0	0	0	0
85°	0	0	0	0	0	0
90°	0	0	0	0	0	

TEST NUMBER: P1312018

CATALOG NUMBER: P3SQAS02R609727DE010 E3SQCD1MW

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	292.6	292.6	292.6	292.6	292.6
1°	291.4	291.2	291.0	291.2	291.4
2°	287.3	287.1	286.9	287.7	288.1
3°	282.8	283.0	283.2	283.6	283.8
4°	279.1	279.5	279.8	280.2	280.4
5°	276.3	276.9	277.1	277.7	277.5
6°	275.5	275.9	276.1	276.3	275.9
7°	275.9	276.1	276.3	276.7	276.3
8°	277.3	277.5	277.7	277.9	277.9
9°	280.2	279.8	279.5	280.4	280.2
10°	282.6	282.0	281.8	283.0	283.2
11°	284.7	283.8	283.6	285.1	285.5
12°	286.1	284.9	284.7	286.5	287.3
13°	286.1	284.5	284.5	286.5	287.7
14°	284.5	282.6	282.6	284.9	286.3
15°	280.6	279.5	279.3	281.2	282.2
17.5°	264.2	263.0	263.2	265.3	265.5
20°	240.3	239.7	240.1	240.5	241.4
22.5°	216.0	215.6	213.4	214.0	214.4
25°	197.3	195.0	191.5	191.7	193.2
27.5°	177.4	175.2	170.3	171.3	172.8
30°	152.1	150.3	146.8	147.4	149.3
32.5°	119.5	123.1	119.9	120.9	120.3
35°	91.1	90.5	91.9	90.1	90.9
37.5°	64.1	64.3	64.9	63.3	63.3
40°	39.8	40.8	41.5	40.6	40.4
42.5°	16.7	22.9	24.1	22.9	16.9
45°	2.2	6.7	13.5	8.0	2.7
47.5°	1.0	1.4	7.1	1.4	1.0
50°	1.0	1.0	2.9	1.0	1.0
52.5°	1.0	1.0	1.0	1.0	1.0
55°	1.0	1.0	1.0	1.0	1.0
57.5°	1.0	1.0	1.0	1.0	1.0
60°	0.8	0.8	0.8	0.8	0.8
62.5°	0.8	0.8	0.8	0.8	0.8
65°	0.6	0.8	0.8	0.8	0.6
67.5°	0.6	0.6	0.6	0.6	0.6
70°	0.6	0.6	0.6	0.6	0.6
72.5°	0.4	0.4	0.4	0.4	0.4
75°	0.4	0.4	0.4	0.4	0.4
77.5°	0.4	0.4	0.4	0.4	0.4
80°	0.2	0.2	0.2	0.2	0.2
82.5°	0.2	0.2	0.2	0.2	0.2
85°	0.2	0.2	0.2	0.2	0.2
87.5°	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P1312018

CATALOG NUMBER: P3SQAS02R609727DE010 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)