

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: P1312989

Luminaire Tested: P3SQAS02R609730DE010 E3SQCD1MMS

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1312989
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-29)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3SQAS02R609730DE010 E3SQCD1MMS
Description: 3in Adjustable LED luminaire with, R60 optic, 3000K CCT AND, 97CRI , E3SQCD1MMS TRIM
Light Source: -
Ballast/Driver: -

Summary

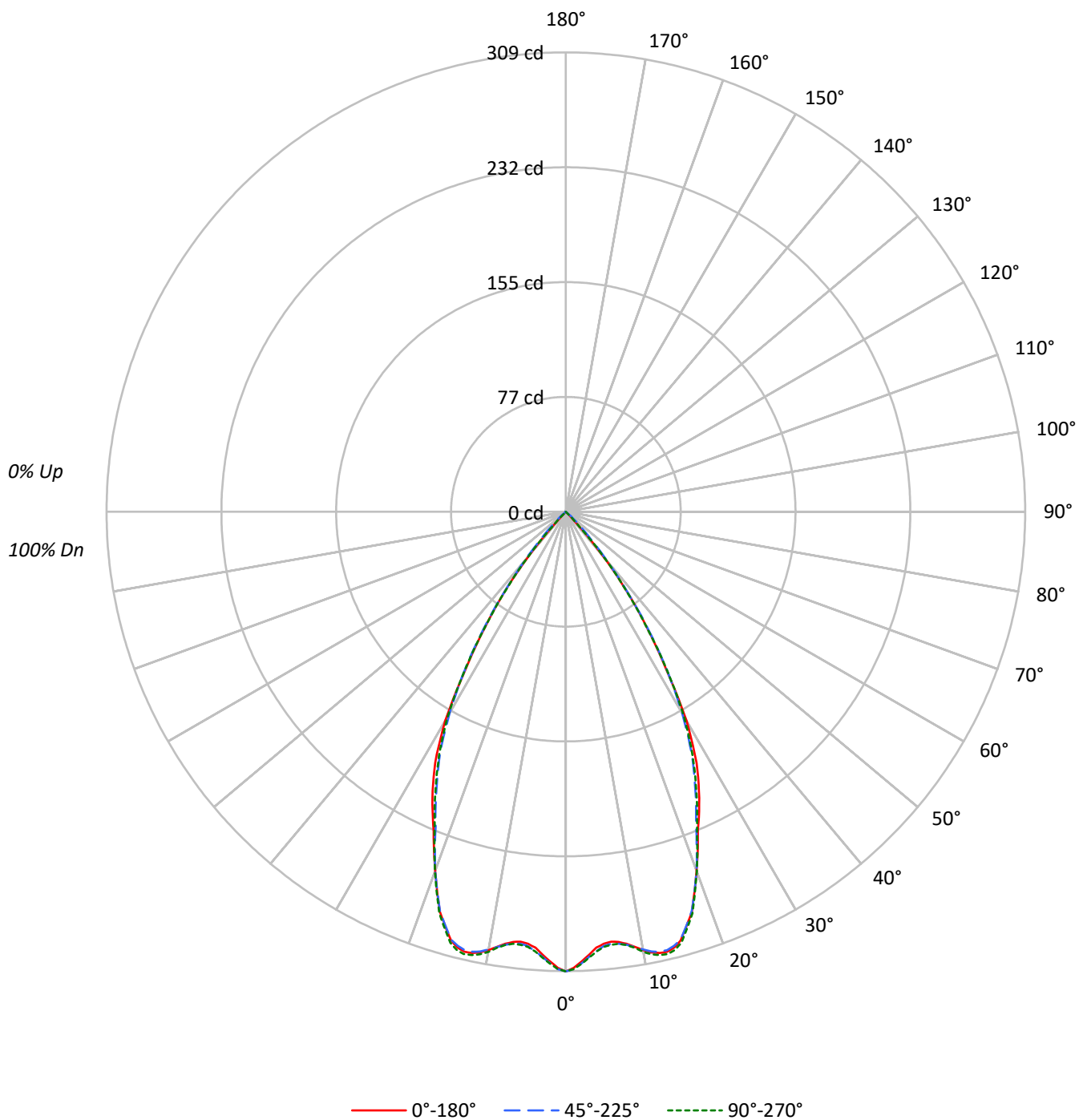
Lumens per Lamp: N/A
Luminaire Lumens: 274.0 lumens
Efficiency: N/A
Efficacy: 76.1 lumens/watt
Spacing Criteria (0/90/45): 0.95 / 0.93 / 0.9
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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: P1312989

CATALOG NUMBER: P3SQAS02R609730DE010 E3SQCD1MMS

Luminous Intensity Polar Plot



TEST NUMBER: P1312989

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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	109	107	111	109	107	105	105	103	102		101	100	99		98
2	108	104	100	97	106	102	98	95	99	96	93		96	93	91		93
3	103	97	92	88	101	96	91	88	93	89	86		91	88	85		88
4	98	91	86	81	96	90	85	81	88	83	80		86	82	79		84
5	93	85	80	76	92	84	79	75	83	78	75		81	77	74		79
6	89	80	74	70	87	79	74	70	78	73	70		77	72	69		75
7	85	76	70	66	83	75	69	65	74	69	65		72	68	65		71
8	81	71	66	62	79	71	65	61	70	65	61		69	64	61		68
9	77	67	62	58	76	67	61	58	66	61	57		65	61	57		64
10	73	64	58	54	72	63	58	54	63	58	54		62	57	54		61

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	53251	53251	53251
5°	50429	50689	50775
10°	52359	52271	52586
15°	53222	53133	53525
20°	47102	47102	47175
25°	40362	39164	39488
30°	32296	31122	31600
35°	20036	20436	19994
40°	8790	9667	9038
45°	97	3142	268
50°	0	348	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: 3142 cd/sqm

TEST NUMBER: P1312989

CATALOG NUMBER: P3SQAS02R609730DE010 E3SQCD1MMS

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	28.2	10.3
10°-20°	81.9	29.9
20°-30°	95.0	34.7
30°-40°	59.8	21.8
40°-50°	9.0	3.3
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°	205.1	74.9
0°-40°	265.0	96.7
0°-60°	274.0	100.0
0°-90°	274.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	274.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	309	309	309	309	309	
5°	292	293	293	294	294	28
15°	298	297	298	300	300	82
25°	212	210	206	207	208	97
35°	95	96	97	95	95	59
45°	0	4	13	6	1	6
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	

TEST NUMBER: P1312989

CATALOG NUMBER: P3SQAS02R609730DE010 E3SQCD1MMS

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	309.2	309.2	309.2	309.2	309.2
1°	306.8	307.7	307.7	307.9	307.7
2°	302.6	303.9	303.9	304.6	304.2
3°	298.5	299.6	299.8	300.7	300.4
4°	293.9	295.6	296.3	296.7	296.5
5°	291.7	292.8	293.2	293.9	293.7
6°	290.8	291.7	292.1	292.8	292.8
7°	291.5	292.1	292.8	293.2	292.8
8°	293.5	294.1	294.1	295.0	294.3
9°	296.3	296.5	296.5	297.6	297.0
10°	299.4	298.9	298.9	300.4	300.7
11°	302.0	301.5	301.3	302.9	303.3
12°	303.5	302.6	302.6	304.6	304.8
13°	303.7	302.6	302.6	304.6	305.3
14°	302.0	300.7	300.9	303.1	303.7
15°	298.5	297.4	298.0	300.0	300.2
17.5°	281.9	281.2	281.7	283.0	283.2
20°	257.0	256.5	257.0	257.0	257.4
22.5°	232.3	231.2	229.0	230.3	230.5
25°	212.4	210.0	206.1	206.9	207.8
27.5°	190.5	187.5	183.3	184.4	184.6
30°	162.4	160.8	156.5	157.5	158.9
32.5°	125.4	129.6	127.0	126.7	127.0
35°	95.3	95.5	97.2	95.3	95.1
37.5°	66.6	66.9	68.2	66.0	66.2
40°	39.1	42.0	43.0	42.2	40.2
42.5°	12.2	21.6	24.5	21.2	13.5
45°	0.4	4.2	12.9	5.5	1.1
47.5°	0.0	0.2	6.1	0.4	0.0
50°	0.0	0.0	1.3	0.0	0.0
52.5°	0.0	0.0	0.2	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: P1312989

CATALOG NUMBER: P3SQAS02R609730DE010 E3SQCD1MMS

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)