

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: P1306875

Luminaire Tested: P3SQAS13R259027DE010 E3SQCD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1306875
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: P3SQAS13R259027DE010 E3SQCD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 2700K CCT AND, 90CRI , E3SQCD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

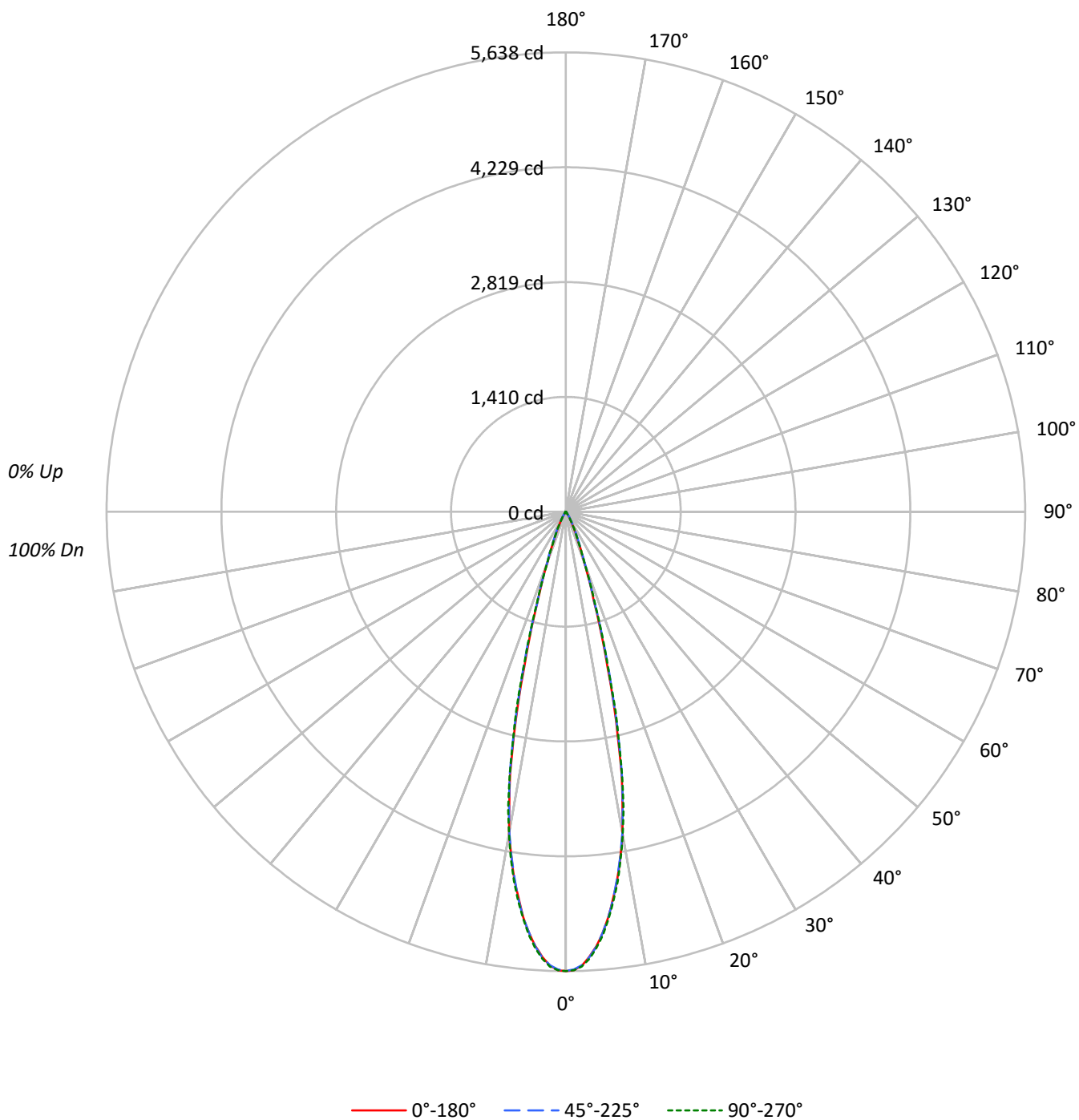
Lumens per Lamp: N/A
Luminaire Lumens: 1191.0 lumens
Efficiency: N/A
Efficacy: 81.6 lumens/watt
Spacing Criteria (0/90/45): 0.45 / 0.45 / 0.41
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
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: P1306875

CATALOG NUMBER: P3SQAS13R259027DE010 E3SQCD1MW

Luminous Intensity Polar Plot



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

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	970940	970940	970940
5°	896835	896524	901537
10°	700550	698661	703418
15°	352442	367151	366830
20°	120595	123913	121915
25°	48457	54500	50528
30°	19668	23466	19131
35°	5719	10302	5719
40°	2653	4496	2653
45°	877	1778	877
50°	482	723	482
55°	540	540	540
60°	620	620	620
65°	367	367	367
70°	453	453	453
75°	599	599	599
80°	0	893	0
85°	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°

Vertical Angle: 45°

Luminance: 1778 cd/sqm

TEST NUMBER: P1306875

CATALOG NUMBER: P3SQAS13R259027DE010 E3SQCD1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	457.4	38.4
10°-20°	559.8	47.0
20°-30°	136.8	11.5
30°-40°	28.3	2.4
40°-50°	4.9	0.4
50°-60°	1.6	0.1
60°-70°	1.3	0.1
70°-80°	0.9	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°	1153.9	96.9
0°-40°	1182.2	99.3
0°-60°	1188.8	99.8
0°-90°	1191.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1191.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	5638	5638	5638	5638	5638	
5°	5188	5192	5186	5197	5215	457
15°	1977	2010	2059	2068	2057	552
25°	255	267	287	270	266	130
35°	27	38	49	37	27	23
45°	4	5	7	5	4	4
55°	2	2	2	2	2	2
65°	1	2	1	1	1	1
75°	1	1	1	1	1	1
85°	0	0	0	0	0	0
90°	0	0	0	0	0	

TEST NUMBER: P1306875

CATALOG NUMBER: P3SQAS13R259027DE010 E3SQCD1MW

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	5637.7	5637.7	5637.7	5637.7	5637.7
1°	5626.8	5619.6	5617.8	5618.7	5627.7
2°	5576.0	5571.5	5570.6	5573.3	5586.0
3°	5472.6	5478.0	5479.8	5488.9	5495.2
4°	5345.5	5356.4	5351.8	5362.7	5370.0
5°	5187.6	5192.1	5185.8	5196.7	5214.8
6°	5003.3	4987.0	5002.4	5007.0	5019.7
7°	4773.7	4777.4	4782.8	4788.3	4807.3
8°	4547.8	4536.9	4534.1	4559.6	4575.0
9°	4283.7	4285.5	4275.5	4304.5	4309.1
10°	4005.9	3983.3	3995.1	4017.7	4022.3
11°	3639.3	3632.9	3650.2	3685.6	3713.7
12°	3295.3	3299.0	3317.1	3328.9	3322.6
13°	2840.6	2867.9	2890.6	2902.4	2886.9
14°	2429.5	2429.5	2458.6	2463.1	2518.5
15°	1976.7	2010.2	2059.2	2068.3	2057.4
17.5°	1141.7	1146.2	1169.8	1168.9	1186.2
20°	658.0	664.3	676.1	673.4	665.2
22.5°	395.7	409.3	437.4	414.8	408.4
25°	255.0	266.8	286.8	270.5	265.9
27.5°	159.7	167.9	183.3	168.8	161.5
30°	98.9	103.5	118.0	104.4	96.2
32.5°	53.5	65.3	77.1	65.3	53.5
35°	27.2	38.1	49.0	37.2	27.2
37.5°	18.2	21.8	31.8	20.9	18.2
40°	11.8	14.5	20.0	14.5	11.8
42.5°	6.4	9.1	10.9	10.0	6.4
45°	3.6	5.4	7.3	5.4	3.6
47.5°	2.7	2.7	4.5	2.7	1.8
50°	1.8	1.8	2.7	1.8	1.8
52.5°	1.8	1.8	1.8	1.8	1.8
55°	1.8	1.8	1.8	1.8	1.8
57.5°	1.8	1.8	1.8	1.8	1.8
60°	1.8	1.8	1.8	1.8	1.8
62.5°	1.8	1.8	1.8	1.8	1.8
65°	0.9	1.8	0.9	0.9	0.9
67.5°	0.9	0.9	0.9	0.9	0.9
70°	0.9	0.9	0.9	0.9	0.9
72.5°	0.9	0.9	0.9	0.9	0.9
75°	0.9	0.9	0.9	0.9	0.9
77.5°	0.9	0.9	0.9	0.9	0.9
80°	0.0	0.0	0.9	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: P1306875

CATALOG NUMBER: P3SQAS13R259027DE010 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)