

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: P1314366

Luminaire Tested: P3SQAS13R259735DE010 E3SQCD1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1314366
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-23)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3SQAS13R259735DE010 E3SQCD1MB
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 97CRI , E3SQCD1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

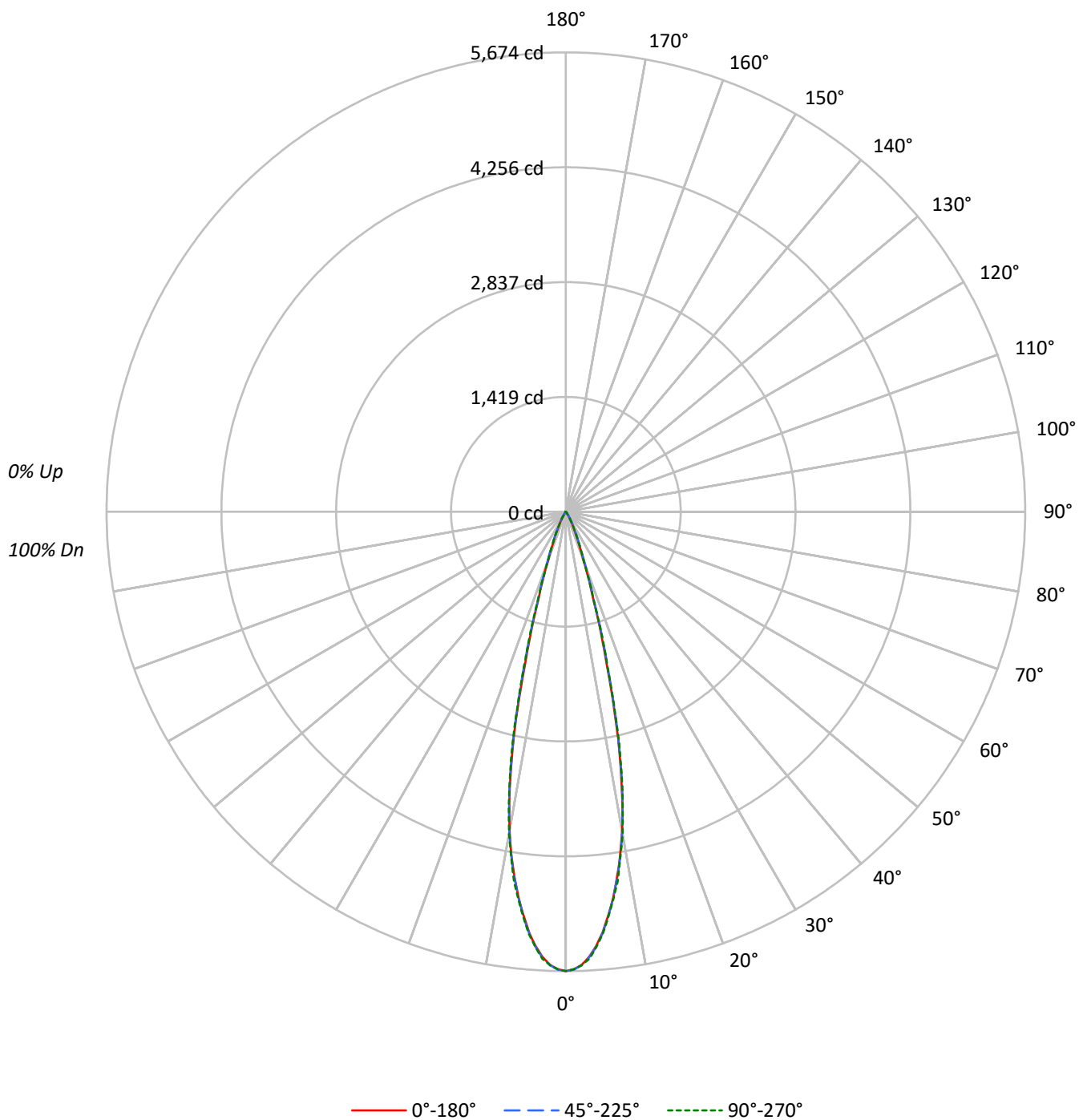
Lumens per Lamp: N/A
Luminaire Lumens: 1181.0 lumens
Efficiency: N/A
Efficacy: 80.9 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.45 / 0.41
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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

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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	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	99	99
1	115	113	111	110	113	111	110	108	107	106	105	103	103	102	100	99	99	97	96	96
2	112	108	105	103	110	107	104	102	104	102	100	101	99	98	98	97	96	94	93	93
3	108	104	101	98	107	103	100	97	100	98	96	98	96	94	96	94	93	92	91	91
4	105	100	97	94	104	99	96	93	97	95	92	96	93	91	94	92	90	89	88	88
5	103	97	93	90	101	96	93	90	95	92	89	93	91	89	92	90	88	87	86	86
6	100	94	90	87	99	93	90	87	92	89	87	91	88	86	90	87	85	84	83	83
7	97	91	87	85	96	91	87	84	90	86	84	89	86	84	88	85	83	82	81	81
8	95	89	85	82	94	88	85	82	87	84	82	87	84	82	86	83	81	80	79	79
9	93	86	83	80	92	86	82	80	85	82	80	85	82	80	84	81	79	78	77	77
10	91	84	81	78	90	84	80	78	83	80	78	83	80	78	82	79	77	76	75	75

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	977140	977140	977140
5°	900984	903024	904908
10°	699553	702089	705901
15°	345720	360251	360412
20°	116398	124206	118726
25°	48210	53550	49578
30°	18912	23784	19091
35°	4962	9713	5151
40°	1844	3867	1844
45°	219	1096	219
50°	0	241	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: 1096 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	459.7	38.9
10°-20°	556.1	47.1
20°-30°	135.8	11.5
30°-40°	26.4	2.2
40°-50°	3.0	0.3
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°	1151.6	97.5
0°-40°	1178.0	99.7
0°-60°	1181.0	100.0
0°-90°	1181.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1181.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	5674	5674	5674	5674	5674	
5°	5212	5219	5223	5246	5234	458
15°	1939	1985	2020	2040	2021	546
25°	254	267	282	270	261	129
35°	24	34	46	34	24	21
45°	1	3	4	3	1	2
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	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	5673.7	5673.7	5673.7	5673.7	5673.7
1°	5652.0	5655.6	5656.5	5661.9	5651.1
2°	5600.3	5601.2	5604.0	5614.8	5604.9
3°	5505.2	5511.5	5512.4	5526.9	5529.7
4°	5375.6	5379.2	5386.5	5411.0	5389.2
5°	5211.6	5218.9	5223.4	5246.1	5234.3
6°	5008.7	5010.5	5020.5	5046.7	5030.4
7°	4802.1	4801.2	4802.1	4822.9	4818.4
8°	4552.9	4548.4	4562.9	4588.3	4605.5
9°	4292.9	4299.2	4308.3	4332.8	4312.8
10°	4000.2	4017.4	4014.7	4016.5	4036.5
11°	3663.2	3668.6	3669.5	3688.5	3685.8
12°	3267.2	3267.2	3297.1	3327.9	3318.0
13°	2867.7	2895.8	2875.8	2882.2	2922.0
14°	2402.0	2423.7	2450.9	2476.2	2456.3
15°	1939.0	1985.2	2020.5	2040.4	2021.4
17.5°	1110.8	1126.2	1156.1	1159.8	1148.0
20°	635.1	654.2	677.7	670.5	647.8
22.5°	399.6	405.0	428.6	416.8	411.3
25°	253.7	267.3	281.8	270.0	260.9
27.5°	157.7	166.7	182.1	169.4	159.5
30°	95.1	103.3	119.6	102.4	96.0
32.5°	49.8	61.6	75.2	62.5	49.8
35°	23.6	33.5	46.2	33.5	24.5
37.5°	14.5	18.1	28.1	18.1	14.5
40°	8.2	11.8	17.2	11.8	8.2
42.5°	3.6	6.3	8.2	6.3	4.5
45°	0.9	2.7	4.5	2.7	0.9
47.5°	0.0	0.0	2.7	0.9	0.0
50°	0.0	0.0	0.9	0.0	0.0
52.5°	0.0	0.0	0.0	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



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CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)