

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: P1306873

Luminaire Tested: P3SQAS13R259027DE010 E3SQCD1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1306873
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: P3SQAS13R259027DE010 E3SQCD1MB
Description: 3in Adjustable LED luminaire with, R25 optic, 2700K CCT AND, 90CRI , E3SQCD1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

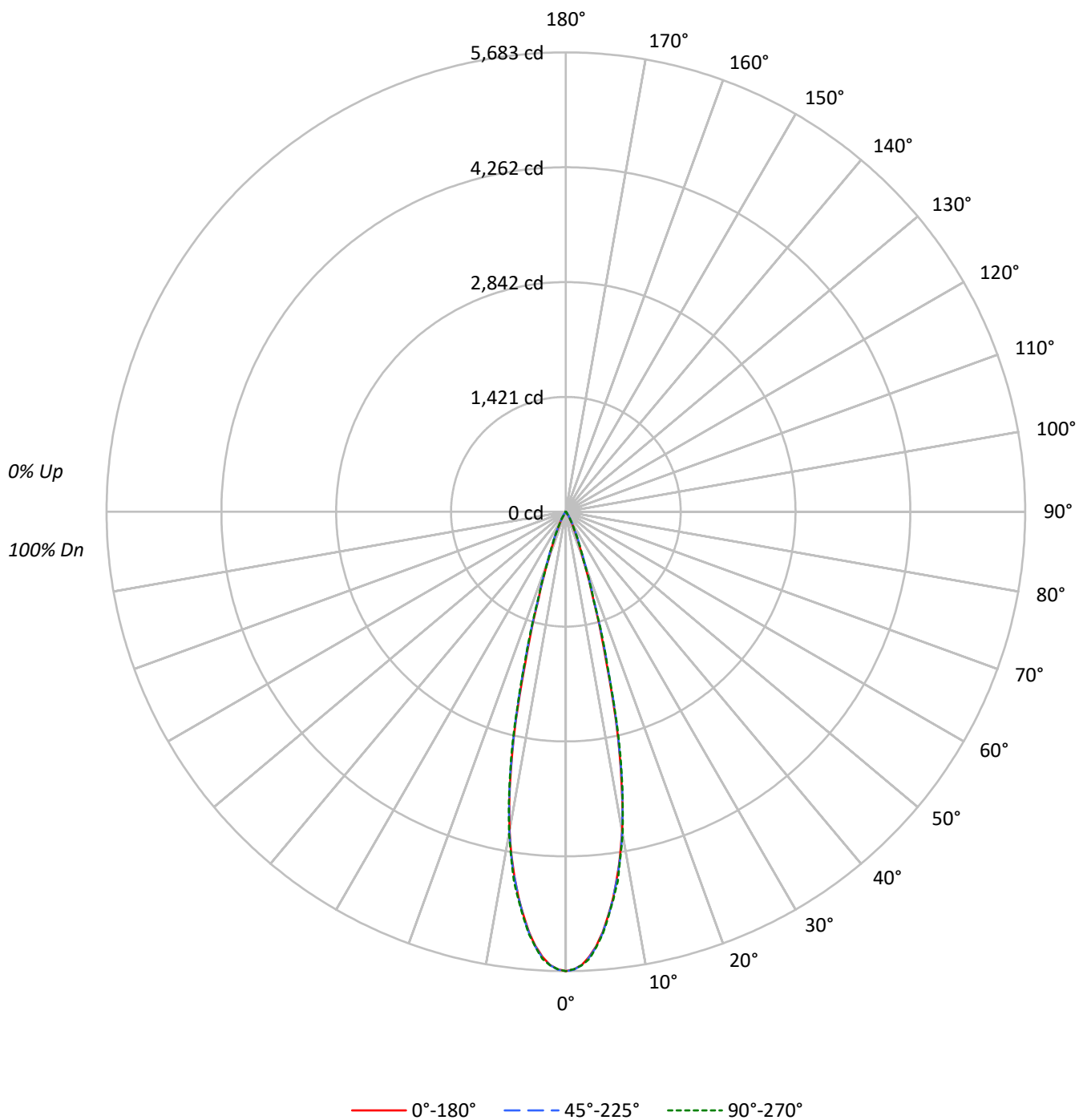
Lumens per Lamp: N/A
Luminaire Lumens: 1183.0 lumens
Efficiency: N/A
Efficacy: 81.0 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.45 / 0.41
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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°	978793	978793	978793
5°	902523	904563	906430
10°	700742	703278	707090
15°	346290	360857	361018
20°	116600	124426	118927
25°	48286	53645	49673
30°	18952	23824	19131
35°	4962	9734	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°	460.5	38.9
10°-20°	557.0	47.1
20°-30°	136.0	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°	1153.5	97.5
0°-40°	1180.0	99.7
0°-60°	1183.0	100.0
0°-90°	1183.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1183.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	5683	5683	5683	5683	5683	
5°	5220	5228	5232	5255	5243	459
15°	1942	1988	2024	2044	2025	547
25°	254	268	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°	5683.3	5683.3	5683.3	5683.3	5683.3
1°	5661.5	5665.2	5666.1	5671.5	5660.6
2°	5609.8	5610.7	5613.4	5624.3	5614.3
3°	5514.5	5520.9	5521.8	5536.3	5539.0
4°	5384.7	5388.4	5395.6	5420.1	5398.3
5°	5220.5	5227.7	5232.3	5254.9	5243.1
6°	5017.2	5019.0	5029.0	5055.3	5038.9
7°	4810.2	4809.3	4810.2	4831.1	4826.6
8°	4560.6	4556.1	4570.6	4596.0	4613.3
9°	4300.2	4306.5	4315.6	4340.1	4320.1
10°	4007.0	4024.3	4021.5	4023.3	4043.3
11°	3669.4	3674.8	3675.7	3694.8	3692.1
12°	3272.8	3272.8	3302.7	3333.6	3323.6
13°	2872.5	2900.7	2880.7	2887.0	2927.0
14°	2406.0	2427.8	2455.0	2480.4	2460.5
15°	1942.2	1988.5	2023.9	2043.9	2024.8
17.5°	1112.7	1128.1	1158.1	1161.7	1149.9
20°	636.2	655.3	678.9	671.6	648.9
22.5°	400.2	405.7	429.3	417.5	412.0
25°	254.1	267.7	282.3	270.5	261.4
27.5°	157.9	167.0	182.4	169.7	159.7
30°	95.3	103.5	119.8	102.6	96.2
32.5°	49.9	61.7	75.3	62.6	49.9
35°	23.6	33.6	46.3	33.6	24.5
37.5°	14.5	18.2	28.1	18.2	14.5
40°	8.2	11.8	17.2	11.8	8.2
42.5°	3.6	6.4	8.2	6.4	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)