

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: P1315375

Luminaire Tested: P3SQAS13R359740DE010 E3SQPH1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1315375
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-5)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3SQAS13R359740DE010 E3SQPH1MB
Description: 3in Adjustable LED luminaire with, R35 optic, 4000K CCT AND, 97CRI , E3SQPH1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

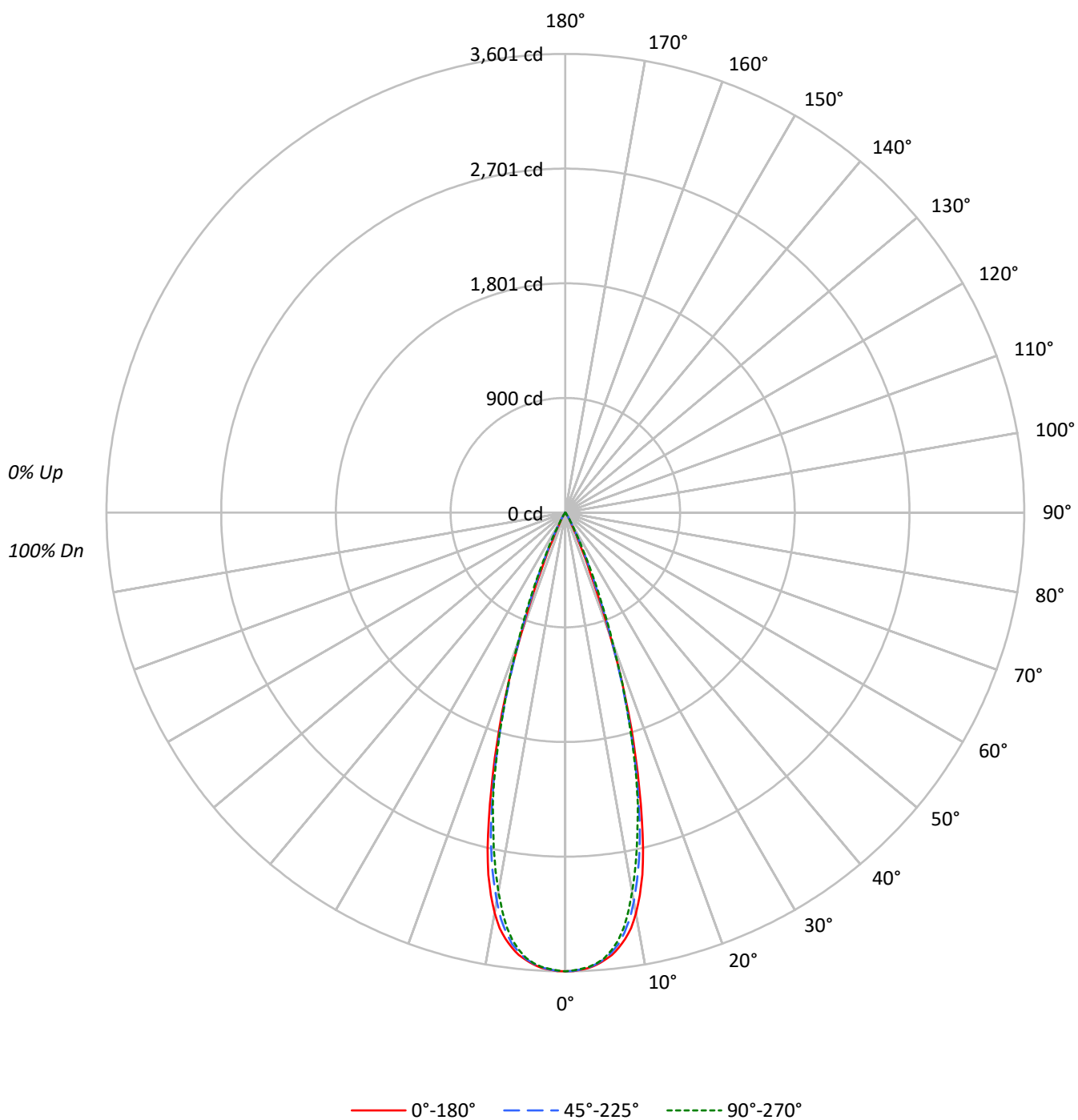
Lumens per Lamp: N/A
Luminaire Lumens: 1093.0 lumens
Efficiency: N/A
Efficacy: 74.9 lumens/watt
Spacing Criteria (0/90/45): 0.57 / 0.56 / 0.51
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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	98
1	115	113	111	109	113	111	109	108	107	106	104	103	102	101	100	99	98	97	96	95
2	111	108	105	102	109	106	103	101	103	101	99	100	98	97	97	96	95	93	92	91
3	108	103	100	97	106	102	99	96	99	97	94	97	95	93	95	93	92	90	89	87
4	104	99	95	92	103	98	94	92	96	93	91	94	92	90	93	90	89	87	85	82
5	101	95	91	88	100	95	91	88	93	90	87	92	89	87	90	88	86	85	83	81
6	98	92	88	85	97	91	88	85	90	87	84	89	86	84	88	85	83	82	80	77
7	96	89	85	82	94	89	85	82	87	84	81	86	83	81	85	83	81	79	77	75
8	93	86	82	79	92	86	82	79	85	81	79	84	81	79	83	80	78	76	74	73
9	90	84	80	77	89	83	79	77	82	79	76	82	79	76	81	78	76	74	72	70
10	88	81	77	75	87	81	77	74	80	77	74	80	76	74	79	76	74	72	70	68

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	620191	620191	620191
5°	609525	608228	606932
10°	558617	541829	528661
15°	400012	387245	382556
20°	185493	191871	198597
25°	44010	62614	65293
30°	12926	14796	16665
35°	2964	4752	4352
40°	629	1259	854
45°	219	219	219
50°	241	0	241
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: 0°

Vertical Angle: 52.5°

Luminance: 255 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	323.3	29.6
10°-20°	578.0	52.9
20°-30°	173.9	15.9
30°-40°	16.6	1.5
40°-50°	1.1	0.1
50°-60°	0.1	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°	1075.2	98.4
0°-40°	1091.8	99.9
0°-60°	1093.0	100.0
0°-90°	1093.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1093.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	3601	3601	3601	3601	3601	
5°	3526	3525	3518	3514	3511	327
15°	2244	2226	2172	2162	2146	593
25°	232	255	330	344	344	149
35°	14	19	23	24	21	13
45°	1	1	1	1	1	1
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	0

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	3601.1	3601.1	3601.1	3601.1	3601.1
1°	3599.2	3599.2	3597.3	3597.3	3593.5
2°	3590.7	3591.6	3587.9	3586.9	3584.1
3°	3577.5	3574.7	3574.7	3572.8	3570.9
4°	3556.8	3551.2	3549.3	3550.2	3546.5
5°	3525.7	3524.8	3518.2	3513.5	3510.7
6°	3491.8	3485.3	3471.1	3458.9	3456.1
7°	3441.0	3426.9	3414.6	3389.2	3385.5
8°	3378.9	3356.3	3329.9	3294.1	3292.3
9°	3302.6	3265.9	3229.2	3181.2	3164.2
10°	3194.3	3160.5	3098.3	3056.0	3023.0
11°	3059.7	3017.4	2944.9	2894.0	2866.7
12°	2907.2	2867.7	2782.9	2736.8	2698.2
13°	2711.4	2678.4	2599.4	2548.5	2518.4
14°	2484.5	2460.0	2384.7	2362.1	2351.7
15°	2243.5	2226.5	2171.9	2162.5	2145.6
17.5°	1651.3	1623.1	1592.0	1597.6	1603.3
20°	1012.1	1051.6	1046.9	1067.6	1083.6
22.5°	504.6	555.5	614.8	650.5	668.4
25°	231.6	255.1	329.5	343.6	343.6
27.5°	116.7	122.4	155.3	158.2	165.7
30°	65.0	69.7	74.4	82.8	83.8
32.5°	33.0	38.6	40.5	45.2	43.3
35°	14.1	18.8	22.6	24.5	20.7
37.5°	6.6	8.5	12.2	11.3	8.5
40°	2.8	3.8	5.6	4.7	3.8
42.5°	1.9	1.9	2.8	1.9	1.9
45°	0.9	0.9	0.9	0.9	0.9
47.5°	0.9	0.9	0.0	0.9	0.9
50°	0.9	0.0	0.0	0.0	0.9
52.5°	0.9	0.0	0.0	0.0	0.9
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)