

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: P1308185

Luminaire Tested: P3SQAS17R359030DE010 E3SQPH1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1308185
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: P3SQAS17R359030DE010 E3SQPH1MB
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 90CRI , E3SQPH1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

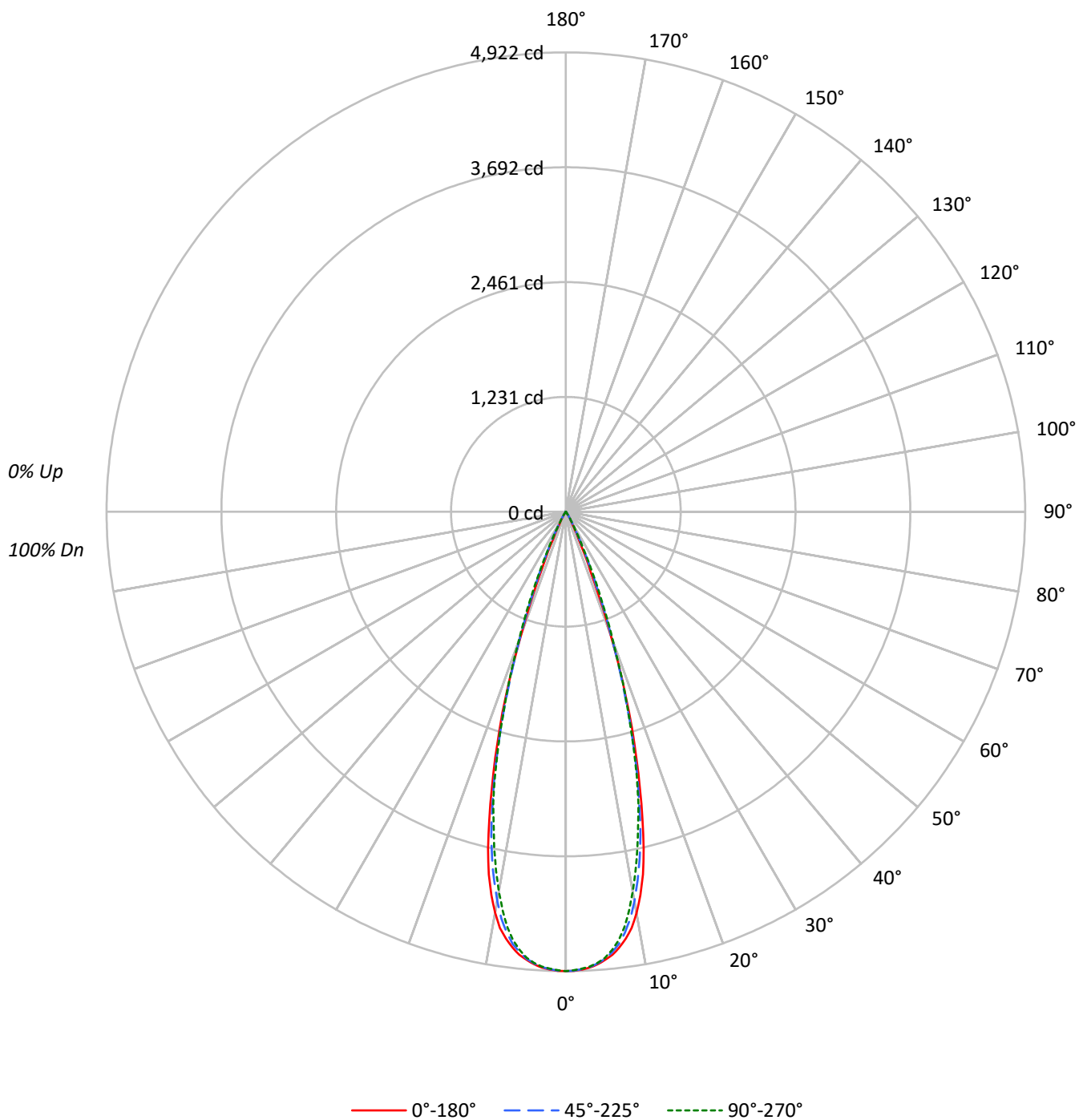
Lumens per Lamp: N/A
Luminaire Lumens: 1494.0 lumens
Efficiency: N/A
Efficacy: 70.5 lumens/watt
Spacing Criteria (0/90/45): 0.57 / 0.56 / 0.51
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
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°	847714	847714	847714
5°	833163	831382	829602
10°	763576	740614	722619
15°	546769	529331	522895
20°	253543	262267	271468
25°	60162	85588	89256
30°	17659	20225	22770
35°	4058	6497	5950
40°	877	1731	1147
45°	317	317	317
50°	348	0	348
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: 368 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	441.9	29.6
10°-20°	790.0	52.9
20°-30°	237.7	15.9
30°-40°	22.7	1.5
40°-50°	1.6	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°	1469.6	98.4
0°-40°	1492.3	99.9
0°-60°	1494.0	100.0
0°-90°	1494.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1494.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	4922	4922	4922	4922	4922	
5°	4819	4818	4809	4802	4799	447
15°	3067	3043	2969	2956	2933	810
25°	317	349	450	470	470	204
35°	19	26	31	34	28	18
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	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	4922.2	4922.2	4922.2	4922.2	4922.2
1°	4919.6	4919.6	4917.1	4917.1	4911.9
2°	4908.1	4909.3	4904.2	4902.9	4899.0
3°	4890.0	4886.2	4886.2	4883.6	4881.0
4°	4861.7	4854.0	4851.4	4852.7	4847.6
5°	4819.3	4818.0	4809.0	4802.5	4798.7
6°	4772.9	4763.9	4744.6	4727.9	4724.0
7°	4703.4	4684.1	4667.4	4632.7	4627.5
8°	4618.5	4587.6	4551.6	4502.7	4500.1
9°	4514.3	4464.1	4413.9	4348.3	4325.1
10°	4366.3	4320.0	4235.0	4177.1	4132.1
11°	4182.3	4124.4	4025.3	3955.8	3918.5
12°	3973.8	3919.8	3803.9	3740.9	3688.1
13°	3706.1	3661.1	3553.0	3483.5	3442.3
14°	3396.0	3362.5	3259.6	3228.7	3214.6
15°	3066.6	3043.4	2968.8	2955.9	2932.7
17.5°	2257.1	2218.5	2176.1	2183.8	2191.5
20°	1383.4	1437.4	1431.0	1459.3	1481.2
22.5°	689.8	759.2	840.3	889.2	913.7
25°	316.6	348.7	450.4	469.7	469.7
27.5°	159.6	167.3	212.3	216.2	226.5
30°	88.8	95.2	101.7	113.2	114.5
32.5°	45.0	52.8	55.3	61.8	59.2
35°	19.3	25.7	30.9	33.5	28.3
37.5°	9.0	11.6	16.7	15.4	11.6
40°	3.9	5.1	7.7	6.4	5.1
42.5°	2.6	2.6	3.9	2.6	2.6
45°	1.3	1.3	1.3	1.3	1.3
47.5°	1.3	1.3	0.0	1.3	1.3
50°	1.3	0.0	0.0	0.0	1.3
52.5°	1.3	0.0	0.0	0.0	1.3
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)