

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: P1308653

Luminaire Tested: P3SQAS02R359035DE010 E3SQPH1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1308653
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: P3SQAS02R359035DE010 E3SQPH1MB
Description: 3in Adjustable LED luminaire with, R35 optic, 3500K CCT AND, 90CRI , E3SQPH1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

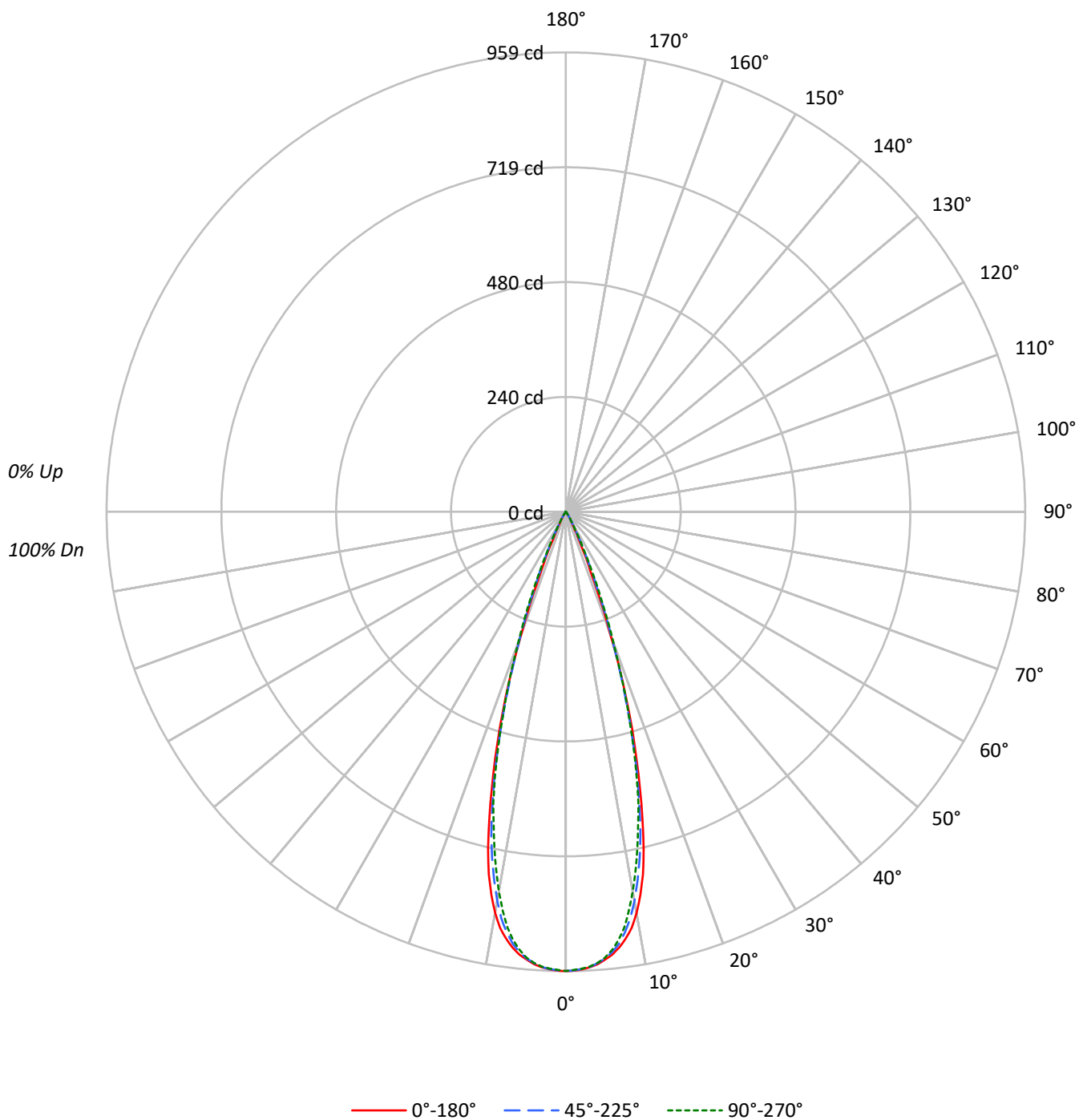
Lumens per Lamp: N/A
Luminaire Lumens: 291.0 lumens
Efficiency: N/A
Efficacy: 80.8 lumens/watt
Spacing Criteria (0/90/45): 0.57 / 0.56 / 0.51
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	115	113	111	109	113	111	109	108	107	106	104		103	102	101		100
2	111	108	105	102	109	106	103	101	103	101	99		100	98	97		97
3	108	103	100	97	106	102	99	96	99	97	94		97	95	93		95
4	104	99	95	92	103	98	94	92	96	93	91		94	92	90		93
5	101	95	91	88	100	95	91	88	93	90	87		92	89	87		90
6	98	92	88	85	97	91	88	85	90	87	84		89	86	84		88
7	96	89	85	82	94	89	85	82	87	84	81		86	83	81		85
8	93	86	82	79	92	86	82	79	85	81	79		84	81	79		83
9	90	84	80	77	89	83	79	77	82	79	76		82	79	76		81
10	88	81	77	75	87	81	77	74	80	77	74		80	76	74		79

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	165110	165110	165110
5°	162283	161937	161591
10°	148735	144258	140743
15°	106497	103110	101844
20°	49393	51079	52875
25°	11725	16665	17387
30°	3440	3938	4435
35°	799	1261	1156
40°	180	337	225
45°	73	73	73
50°	80	0	80
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: 85 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	86.1	29.6
10°-20°	153.9	52.9
20°-30°	46.3	15.9
30°-40°	4.4	1.5
40°-50°	0.3	0.1
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°	286.3	98.4
0°-40°	290.7	99.9
0°-60°	291.0	100.0
0°-90°	291.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	291.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	959	959	959	959	959	
5°	939	938	937	935	935	87
15°	597	593	578	576	571	158
25°	62	68	88	92	92	40
35°	4	5	6	6	6	3
45°	0	0	0	0	0	0
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°	958.7	958.7	958.7	958.7	958.7
1°	958.2	958.2	957.7	957.7	956.7
2°	956.0	956.2	955.2	955.0	954.2
3°	952.5	951.7	951.7	951.2	950.7
4°	947.0	945.5	945.0	945.2	944.2
5°	938.7	938.4	936.7	935.4	934.7
6°	929.7	927.9	924.2	920.9	920.1
7°	916.1	912.4	909.1	902.3	901.3
8°	899.6	893.6	886.6	877.0	876.5
9°	879.3	869.5	859.7	847.0	842.4
10°	850.5	841.4	824.9	813.6	804.8
11°	814.6	803.3	784.0	770.5	763.2
12°	774.0	763.5	740.9	728.6	718.4
13°	721.9	713.1	692.1	678.5	670.5
14°	661.5	655.0	634.9	628.9	626.1
15°	597.3	592.8	578.3	575.7	571.2
17.5°	439.6	432.1	423.9	425.4	426.9
20°	269.5	280.0	278.7	284.2	288.5
22.5°	134.3	147.9	163.7	173.2	178.0
25°	61.7	67.9	87.7	91.5	91.5
27.5°	31.1	32.6	41.4	42.1	44.1
30°	17.3	18.5	19.8	22.1	22.3
32.5°	8.8	10.3	10.8	12.0	11.5
35°	3.8	5.0	6.0	6.5	5.5
37.5°	1.8	2.3	3.3	3.0	2.3
40°	0.8	1.0	1.5	1.3	1.0
42.5°	0.5	0.5	0.8	0.5	0.5
45°	0.3	0.3	0.3	0.3	0.3
47.5°	0.3	0.3	0.0	0.3	0.3
50°	0.3	0.0	0.0	0.0	0.3
52.5°	0.3	0.0	0.0	0.0	0.3
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)