

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: P1275102

Luminaire Tested: P3AS02R409835DE010 E3CB1MB

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1275102
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-24)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R409835DE010 E3CB1MB
Description: 3in Adjustable LED luminaire with, R40 optic, 3500K CCT AND, 98CRI , E3CB1MB TRIM
Light Source: -
Ballast/Driver: -

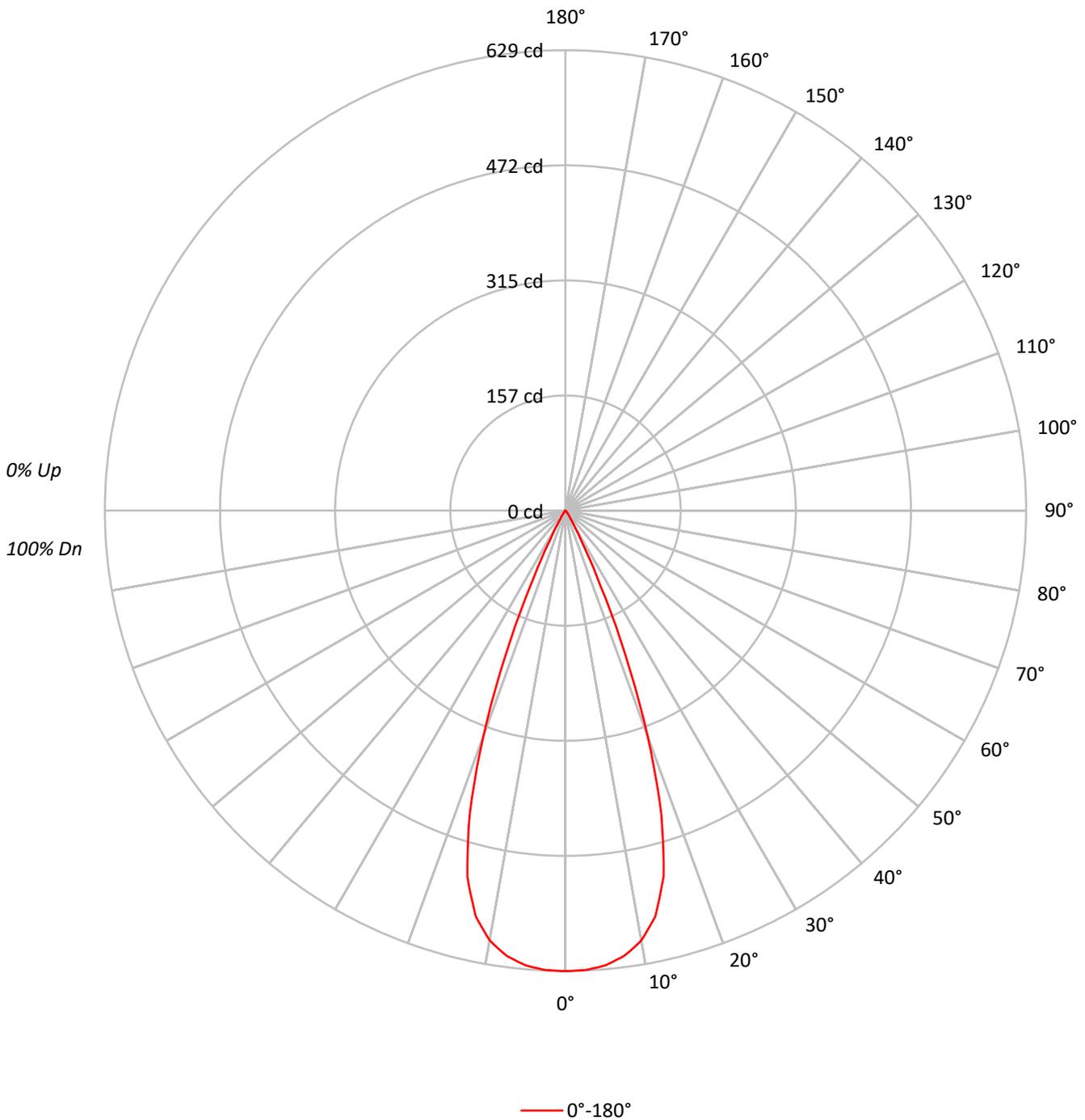
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 262.1 lumens
Efficiency: N/A
Efficacy: 72.8 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.59
Luminous Opening: Circular (Dia: 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			0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	100	100	100
1	115	112	110	109	112	110	109	107	106	105	104	103	102	101	99	98	98	96	96	96	96
2	111	107	104	101	109	105	102	100	102	100	98	99	97	96	96	95	94	92	92	92	92
3	107	102	98	95	105	100	97	94	98	95	93	96	93	91	94	92	90	89	89	89	89
4	103	97	93	90	101	96	92	89	94	91	88	92	90	87	91	88	86	85	85	85	85
5	100	93	89	86	98	92	88	85	91	87	85	89	86	84	88	85	83	82	82	82	82
6	96	90	85	82	95	89	85	82	88	84	81	86	83	81	85	82	80	79	79	79	79
7	93	86	82	79	92	86	81	78	84	81	78	83	80	78	82	79	77	76	76	76	76
8	90	83	79	75	89	83	78	75	82	78	75	81	77	75	80	77	74	73	73	73	73
9	87	80	76	73	86	80	75	73	79	75	72	78	75	72	77	74	72	71	71	71	71
10	85	77	73	70	84	77	73	70	76	73	70	76	72	70	75	72	70	69	69	69	69

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	137949
5°	137288
10°	132819
15°	117504
20°	76657
25°	27147
30°	5748
35°	1901
40°	687
45°	217
50°	205
55°	229
60°	175
65°	208
70°	128
75°	169
80°	253
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 82.5°
 Luminance: 336 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	58.7	22.4
10°-20°	136.7	52.1
20°-30°	59.3	22.6
30°-40°	5.5	2.1
40°-50°	0.8	0.3
50°-60°	0.5	0.2
60°-70°	0.4	0.1
70°-80°	0.2	0.1
80°-90°	0.1	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°	254.7	97.2
0°-40°	260.1	99.3
0°-60°	261.4	99.7
0°-90°	262.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	262.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	629	
5°	624	59
15°	518	137
25°	112	59
35°	7	5
45°	1	1
55°	1	1
65°	0	0
75°	0	0
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	629.1
2.5°	628.4
5°	623.7
7.5°	613.8
10°	596.5
12.5°	567.2
15°	517.6
17.5°	435.4
20°	328.5
22.5°	213.3
25°	112.2
27.5°	48.3
30°	22.7
32.5°	12.3
35°	7.1
37.5°	4.3
40°	2.4
42.5°	1.3
45°	0.7
47.5°	0.6
50°	0.6
52.5°	0.6
55°	0.6
57.5°	0.6
60°	0.4
62.5°	0.4
65°	0.4
67.5°	0.4
70°	0.2
72.5°	0.2
75°	0.2
77.5°	0.2
80°	0.2
82.5°	0.2
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)