

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: P1256990

Luminaire Tested: P3AS09R359040DE010 E3CB1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1256990
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-20)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R359040DE010 E3CB1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 4000K CCT AND, 90CRI , E3CB1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

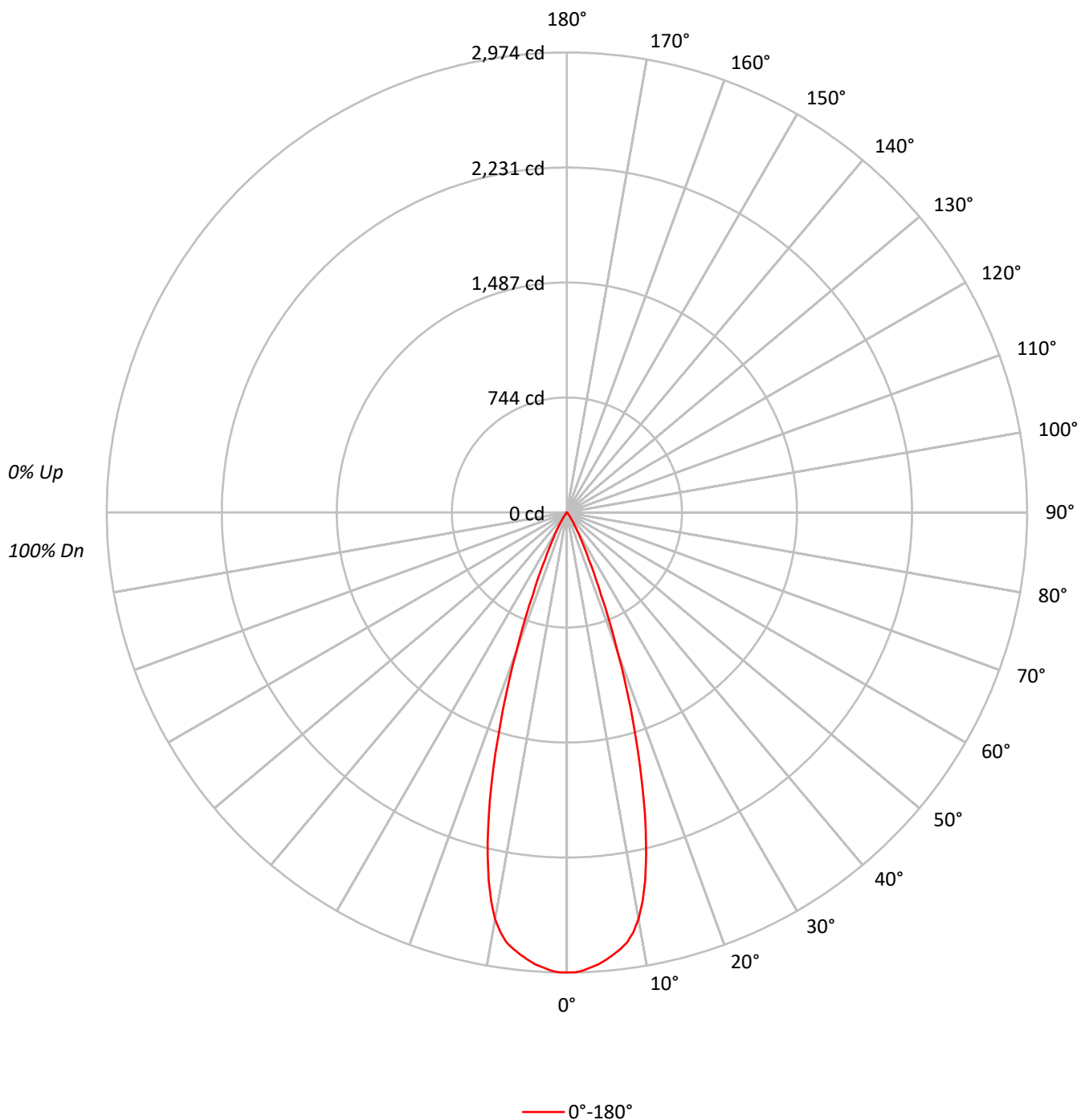
Lumens per Lamp: N/A
Luminaire Lumens: 1000.1 lumens
Efficiency: N/A
Efficacy: 90.1 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.52
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
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
RCR																					
0	119	119	119	119		116	116	116	116		111	111	111		106	106	106		102	102	102
1	115	113	111	109		112	110	109	107		106	105	104		103	102	101		99	99	98
2	111	107	104	101		109	105	103	100		102	100	98		99	98	96		97	95	94
3	107	102	98	95		105	101	97	95		98	96	93		96	94	92		94	92	90
4	104	98	94	91		102	97	93	90		95	92	89		93	90	88		91	89	87
5	100	94	90	87		99	93	89	86		92	88	86		90	87	85		89	86	84
6	97	91	86	83		96	90	86	83		89	85	82		87	84	82		86	83	81
7	94	87	83	80		93	87	83	80		86	82	79		85	81	79		84	81	79
8	91	84	80	77		90	84	80	77		83	79	77		82	79	76		81	78	76
9	89	82	77	74		88	81	77	74		80	77	74		80	76	74		79	76	74
10	86	79	75	72		85	79	75	72		78	74	72		77	74	72		77	74	71

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	652075
5°	638783
10°	594266
15°	435689
20°	223086
25°	80400
30°	31296
35°	10975
40°	4523
45°	1209
50°	1092
55°	1223
60°	1053
65°	830
70°	1026
75°	1356
80°	1010
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 75°

Luminance: 1356 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	270.5	27.1
10°-20°	507.6	50.8
20°-30°	179.7	18.0
30°-40°	31.5	3.1
40°-50°	4.6	0.5
50°-60°	2.6	0.3
60°-70°	1.9	0.2
70°-80°	1.4	0.1
80°-90°	0.3	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°	957.9	95.8
0°-40°	989.3	98.9
0°-60°	996.6	99.6
0°-90°	1000.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1000.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2974	
5°	2902	271
15°	1919	508
25°	332	180
35°	41	31
45°	4	5
55°	3	3
65°	2	2
75°	2	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	2973.7
1°	2972.9
2°	2963.4
3°	2945.3
4°	2928.8
5°	2902.0
6°	2874.4
7°	2843.7
8°	2805.9
9°	2746.9
10°	2668.9
11°	2561.0
12°	2431.1
13°	2276.7
14°	2106.6
15°	1919.2
17.5°	1429.3
20°	956.0
22.5°	576.5
25°	332.3
27.5°	198.5
30°	123.6
32.5°	71.7
35°	41.0
37.5°	26.0
40°	15.8
42.5°	7.9
45°	3.9
47.5°	3.2
50°	3.2
52.5°	3.2
55°	3.2
57.5°	2.4
60°	2.4
62.5°	2.4
65°	1.6
67.5°	1.6
70°	1.6
72.5°	1.6
75°	1.6
77.5°	0.8
80°	0.8
82.5°	0.8
85°	0.0
87.5°	0.0



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)