

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: P1266985

Luminaire Tested: P3AS09R259735DE010 E3CB1MB

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1266985
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-12)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R259735DE010 E3CB1MB
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 97CRI , E3CB1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

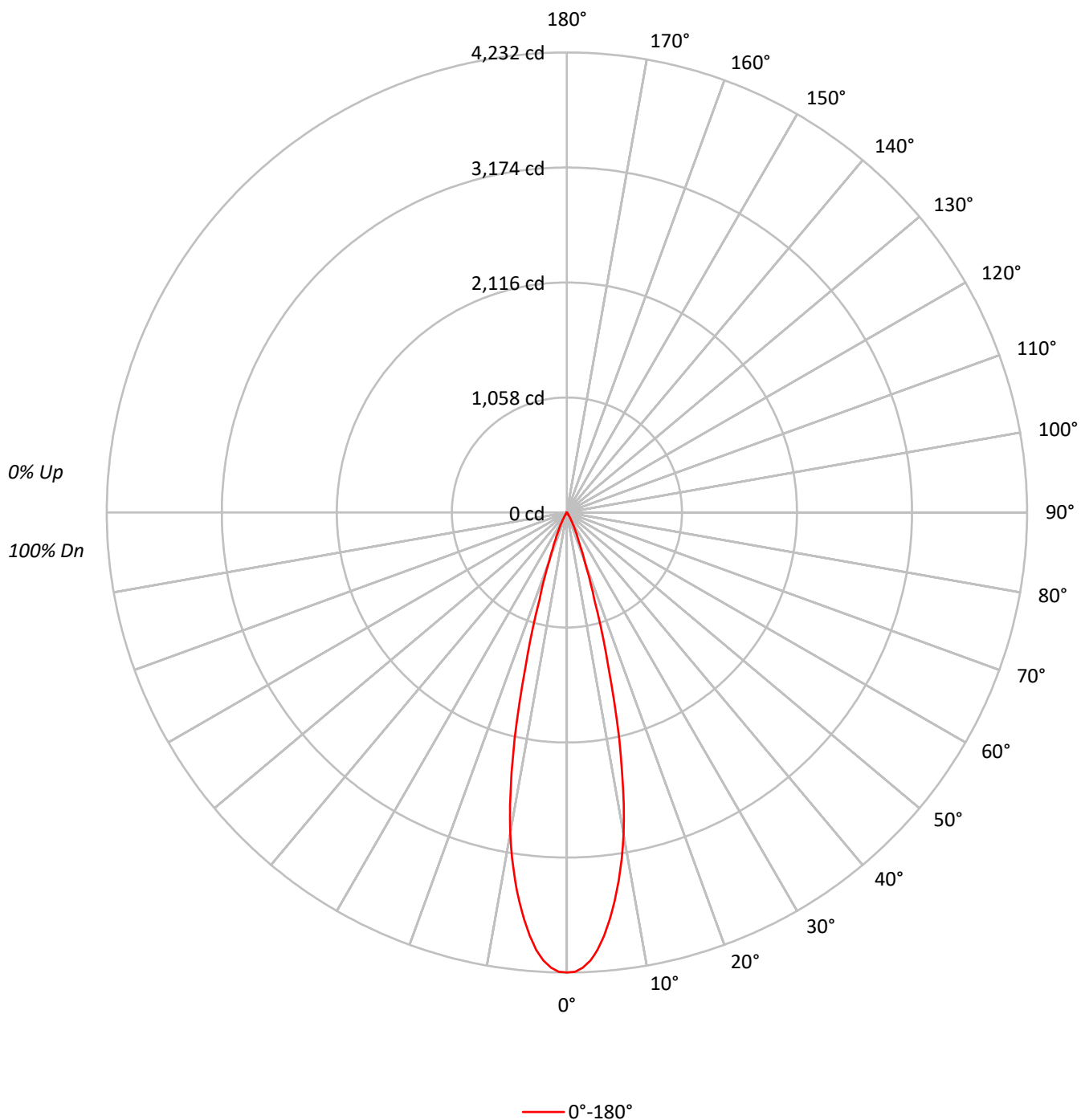
Lumens per Lamp: N/A
Luminaire Lumens: 868.0 lumens
Efficiency: N/A
Efficacy: 78.2 lumens/watt
Spacing Criteria (0/90/45): 0.45 / 0.45 / 0.41
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1266985

CATALOG NUMBER: P3AS09R259735DE010 E3CB1MB

Luminous Intensity Polar Plot



TEST NUMBER: P1266985

CATALOG NUMBER: P3AS09R259735DE010 E3CB1MB

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	110	113	111	109	108		107	106	105			103	103	102			100
2	112	108	105	103	110	107	104	102		104	102	100			101	99	98			98
3	108	104	101	98	107	103	100	97		100	98	96			98	96	94			96
4	105	100	97	94	104	99	96	93		97	95	92			96	93	91			94
5	103	97	93	90	101	96	93	90		95	92	89			93	91	89			92
6	100	94	90	87	99	93	90	87		92	89	87			91	88	86			90
7	97	91	88	85	96	91	87	85		90	87	84			89	86	84			88
8	95	89	85	83	94	89	85	82		88	84	82			87	84	82			86
9	93	87	83	80	92	86	83	80		86	82	80			85	82	80			84
10	91	85	81	78	90	84	81	78		84	80	78			83	80	78			82

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	928018
5°	860707
10°	667500
15°	334690
20°	109956
25°	43720
30°	16408
35°	4738
40°	2147
45°	837
50°	682
55°	535
60°	614
65°	726
70°	449
75°	593
80°	884
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 80°

Luminance: 884 cd/sqm

TEST NUMBER: P1266985

CATALOG NUMBER: P3AS09R259735DE010 E3CB1MB

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	343.9	39.6
10°-20°	410.3	47.3
20°-30°	92.5	10.7
30°-40°	15.0	1.7
40°-50°	2.7	0.3
50°-60°	1.5	0.2
60°-70°	1.3	0.1
70°-80°	0.7	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°	846.8	97.5
0°-40°	861.8	99.3
0°-60°	865.9	99.8
0°-90°	868.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	868.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	4232	
5°	3910	344
15°	1474	410
25°	181	93
35°	18	15
45°	3	3
55°	1	1
65°	1	1
75°	1	1
85°	0	0
90°	0	

TEST NUMBER: P1266985

CATALOG NUMBER: P3AS09R259735DE010 E3CB1MB

CANDELA DISTRIBUTION (FULL):

0°	
0°	4232.1
1°	4225.3
2°	4191.2
3°	4128.4
4°	4033.7
5°	3910.2
6°	3762.9
7°	3603.4
8°	3420.6
9°	3220.8
10°	2997.8
11°	2740.7
12°	2444.7
13°	2135.1
14°	1803.0
15°	1474.3
17.5°	840.1
20°	471.2
22.5°	284.4
25°	180.7
27.5°	111.2
30°	64.8
32.5°	34.1
35°	17.7
37.5°	11.6
40°	7.5
42.5°	4.8
45°	2.7
47.5°	2.0
50°	2.0
52.5°	2.0
55°	1.4
57.5°	1.4
60°	1.4
62.5°	1.4
65°	1.4
67.5°	1.4
70°	0.7
72.5°	0.7
75°	0.7
77.5°	0.7
80°	0.7
82.5°	0.0
85°	0.0
87.5°	0.0



TEST NUMBER: P1266985

CATALOG NUMBER: P3AS09R259735DE010 E3CB1MB

CANDELA DISTRIBUTION (continued):



(END OF REPORT)