

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: P1257132

Luminaire Tested: P3AS09R609040DE010 E3CD1MMS

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1257132
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-40)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R609040DE010 E3CD1MMS
Description: 3in Adjustable LED luminaire with, R60 optic, 4000K CCT AND, 90CRI , E3CD1MMS TRIM
Light Source: -
Ballast/Driver: -

Summary

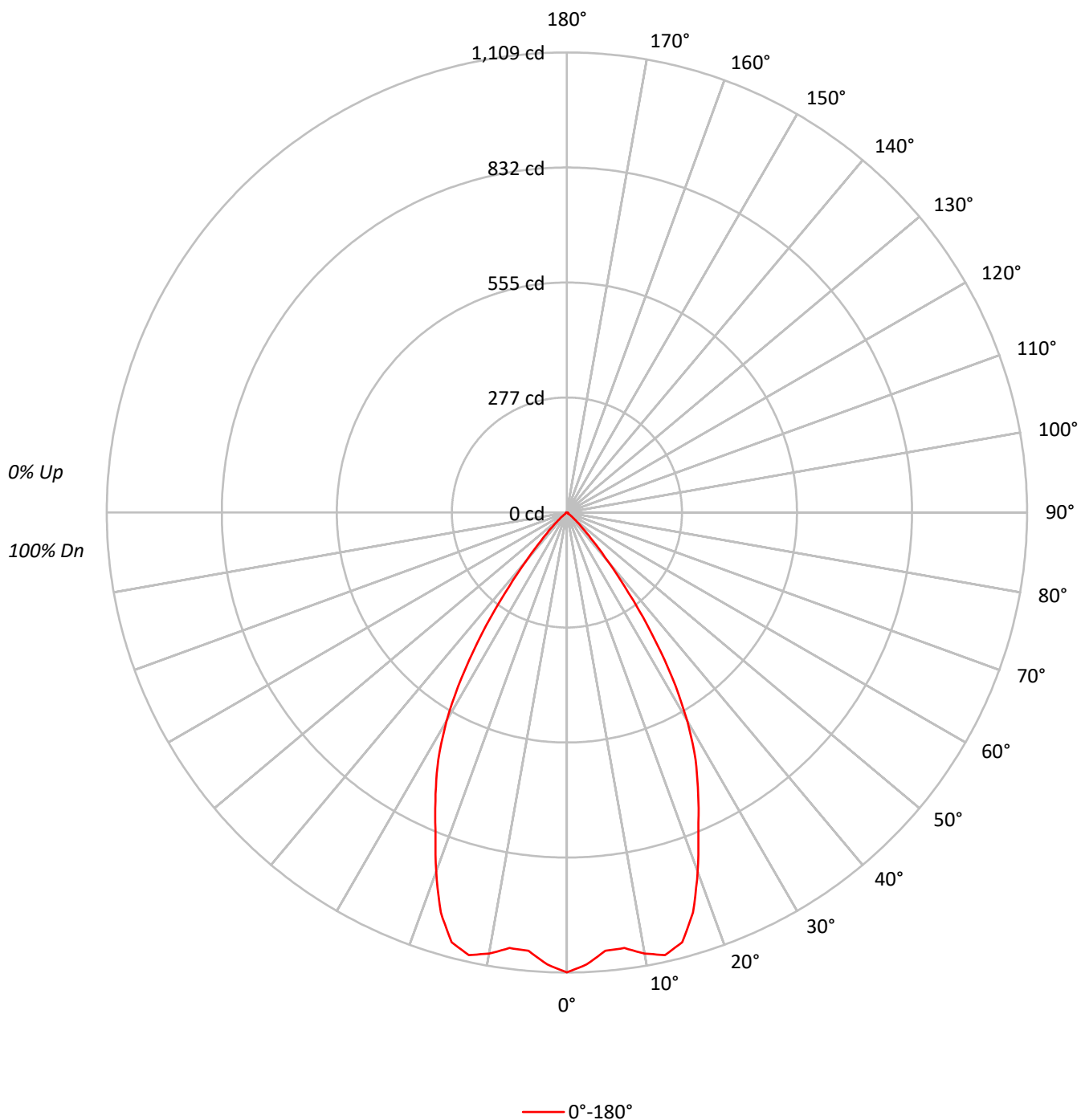
Lumens per Lamp: N/A
Luminaire Lumens: 1018.0 lumens
Efficiency: N/A
Efficacy: 91.7 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 0.91
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	114	111	108	106	111	109	106	104	105	103	101		101	100	98		97
2	108	103	99	96	106	102	98	95	98	95	93		95	93	91		93
3	103	96	91	88	101	95	90	87	92	89	85		90	87	84		88
4	98	90	85	81	96	89	84	80	87	83	79		85	81	78		83
5	93	84	79	74	91	84	78	74	82	77	73		80	76	73		79
6	88	79	73	69	87	79	73	69	77	72	68		76	71	68		74
7	84	75	69	64	82	74	68	64	73	68	64		71	67	64		70
8	80	70	64	60	78	70	64	60	69	64	60		68	63	60		67
9	76	66	61	57	75	66	60	56	65	60	56		64	59	56		63
10	72	63	57	53	71	62	57	53	62	56	53		61	56	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	243095
5°	233457
10°	240365
15°	243452
20°	214965
25°	181172
30°	146934
35°	95700
40°	43939
45°	16839
50°	5629
55°	1491
60°	1360
65°	1245
70°	1026
75°	1356
80°	1010
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 16839 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	102.1	10.0
10°-20°	293.7	28.8
20°-30°	342.5	33.6
30°-40°	221.0	21.7
40°-50°	49.5	4.9
50°-60°	4.9	0.5
60°-70°	2.4	0.2
70°-80°	1.4	0.1
80°-90°	0.5	0.1
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°	738.3	72.5
0°-40°	959.3	94.2
0°-60°	1013.7	99.6
0°-90°	1018.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1018.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1109	
5°	1061	102
15°	1072	294
25°	749	343
35°	358	221
45°	54	50
55°	4	5
65°	2	2
75°	2	1
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1108.6
2.5°	1090.5
5°	1060.6
7.5°	1059.0
10°	1079.5
12.5°	1092.8
15°	1072.4
17.5°	1011.0
20°	921.2
22.5°	827.5
25°	748.8
27.5°	671.6
30°	580.3
32.5°	473.2
35°	357.5
37.5°	244.1
40°	153.5
42.5°	92.1
45°	54.3
47.5°	31.5
50°	16.5
52.5°	5.5
55°	3.9
57.5°	3.1
60°	3.1
62.5°	2.4
65°	2.4
67.5°	2.4
70°	1.6
72.5°	1.6
75°	1.6
77.5°	0.8
80°	0.8
82.5°	0.8
85°	0.8
87.5°	0.0
90°	0.0

(END OF REPORT)