

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: P1254344

Luminaire Tested: P3AS09R459035DE010 E3D1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1254344
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-28)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R459035DE010 E3D1MW
Description: 3in Adjustable LED luminaire with, R45 optic, 3500K CCT AND, 90CRI , E3D1MW TRIM
Light Source: -
Ballast/Driver: -

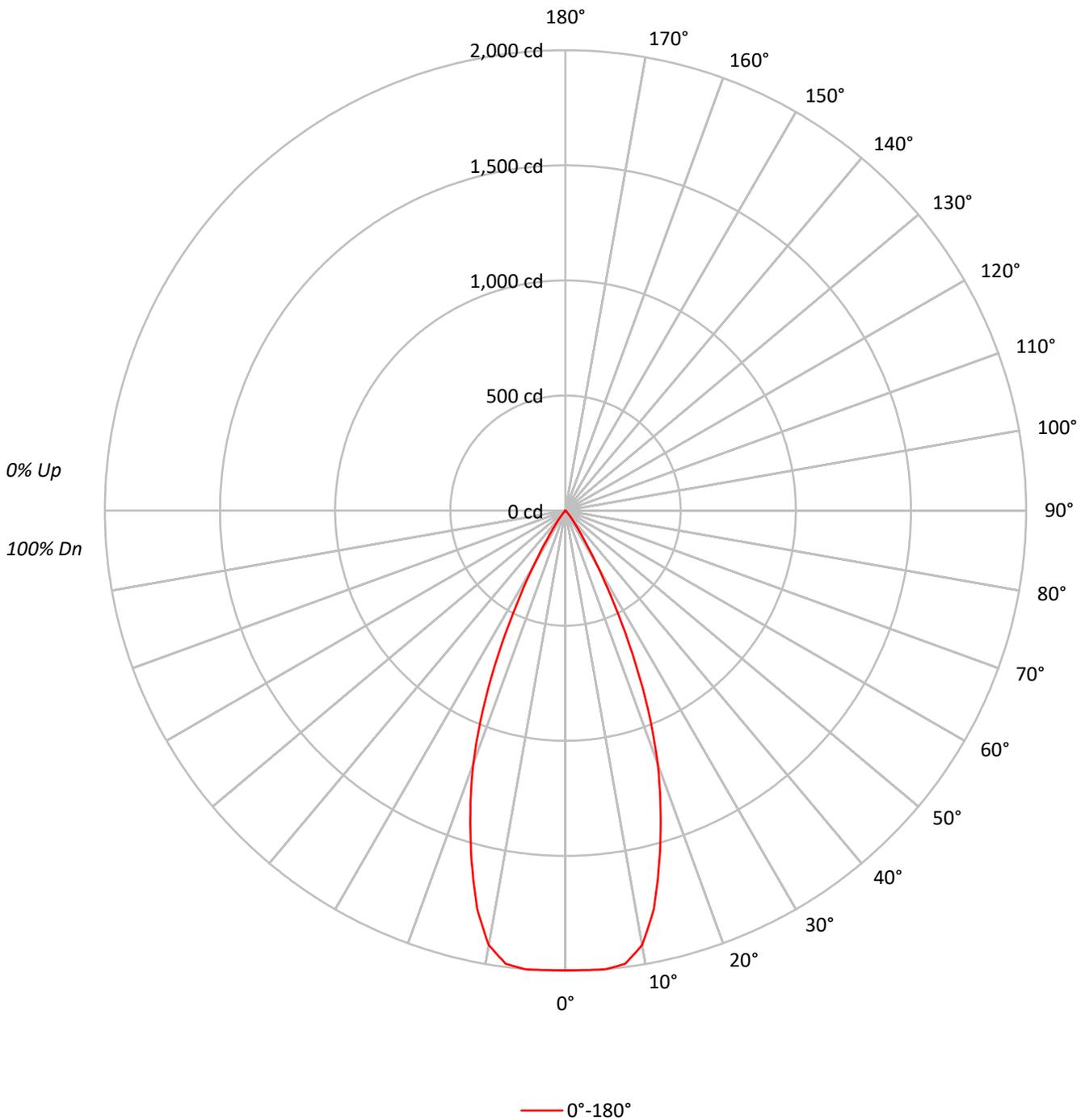
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1010.0 lumens
Efficiency: N/A
Efficacy: 91.0 lumens/watt
Spacing Criteria (0/90/45): 0.72 / 0.72 / 0.66
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		0
RW	70	50	30	10	70	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
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97		95
2	110	106	102	100	108	104	101	98	101	98	96	98	96	94	95	94	92		91
3	106	100	96	93	104	99	95	92	96	93	91	94	91	89	92	90	88		86
4	102	95	91	87	100	94	90	87	92	89	86	90	87	85	88	86	84		82
5	98	91	86	82	96	90	85	82	88	84	81	87	83	81	85	82	80		79
6	94	87	82	78	93	86	81	78	85	80	77	83	80	77	82	79	76		75
7	90	83	78	74	89	82	78	74	81	77	74	80	76	74	79	76	73		72
8	87	79	74	71	86	79	74	71	78	74	71	77	73	70	76	73	70		69
9	84	76	71	68	83	76	71	68	75	71	68	74	70	67	73	70	67		66
10	81	73	68	65	80	73	68	65	72	68	65	71	67	65	71	67	65		64

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	437882
5°	440237
10°	426690
15°	357573
20°	273327
25°	166389
30°	69226
35°	22192
40°	6899
45°	1395
50°	1023
55°	1147
60°	1009
65°	1193
70°	962
75°	1271
80°	1010
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 1395 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	188.6	18.7
10°-20°	432.9	42.9
20°-30°	311.7	30.9
30°-40°	64.8	6.4
40°-50°	5.9	0.6
50°-60°	2.4	0.2
60°-70°	2.0	0.2
70°-80°	1.3	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°	933.2	92.4
0°-40°	998.1	98.8
0°-60°	1006.4	99.6
0°-90°	1010.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1010.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1997	
5°	2000	189
15°	1575	433
25°	688	312
35°	83	65
45°	4	6
55°	3	2
65°	2	2
75°	2	1
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	1996.9
2.5°	1997.7
5°	2000.0
7.5°	1985.6
10°	1916.3
12.5°	1771.7
15°	1575.1
17.5°	1374.0
20°	1171.3
22.5°	938.6
25°	687.7
27.5°	453.5
30°	273.4
32.5°	152.9
35°	82.9
37.5°	46.7
40°	24.1
42.5°	10.5
45°	4.5
47.5°	3.0
50°	3.0
52.5°	3.0
55°	3.0
57.5°	2.3
60°	2.3
62.5°	2.3
65°	2.3
67.5°	1.5
70°	1.5
72.5°	1.5
75°	1.5
77.5°	0.8
80°	0.8
82.5°	0.8
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)