

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: P1254532

Luminaire Tested: P3AS10R129035DE010 E3PH1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1254532
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-24)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS10R129035DE010 E3PH1MW
Description: 3in Adjustable LED luminaire with, R12 optic, 3500K CCT AND, 90CRI , E3PH1MW TRIM
Light Source: -
Ballast/Driver: -

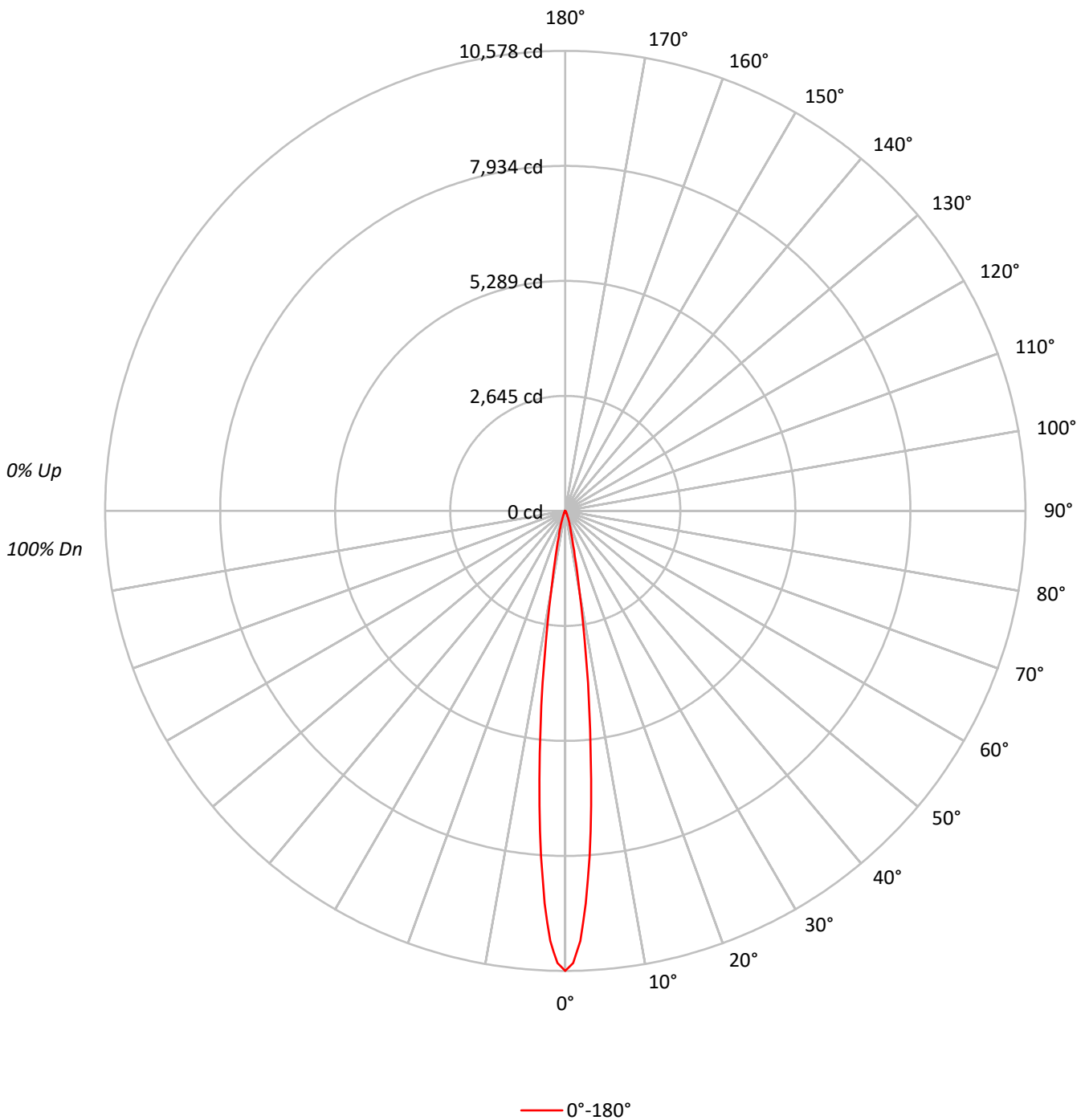
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 718.0 lumens
Efficiency: N/A
Efficacy: 61.4 lumens/watt
Spacing Criteria (0/90/45): 0.22 / 0.22 / 0.22
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.7
Input Voltage (V): NR
Input Current (A_{in}): 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	102	102	102	100
1	116	114	113	111	114	112	111	109	108	107	106	104	104	103	101	101	100	100	100	100	98
2	113	110	108	106	111	108	106	104	105	104	102	103	101	100	100	99	98	98	98	98	97
3	110	107	104	102	109	105	103	101	103	101	99	101	99	98	99	98	96	96	96	96	95
4	108	104	101	98	107	103	100	98	101	99	97	99	97	96	98	96	95	95	95	95	94
5	106	102	98	96	105	101	98	96	99	97	95	98	96	94	97	95	93	93	93	93	92
6	104	99	96	94	103	99	96	94	98	95	93	96	94	93	95	93	92	92	92	92	91
7	102	98	94	92	101	97	94	92	96	93	92	95	93	91	94	92	91	91	91	91	90
8	101	96	93	91	100	95	93	90	95	92	90	94	92	90	93	91	90	90	90	90	89
9	99	94	91	89	98	94	91	89	93	91	89	93	90	89	92	90	88	88	88	88	88
10	98	93	90	88	97	93	90	88	92	90	88	91	89	88	91	89	87	87	87	87	87

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	2319507
5°	1498719
10°	422860
15°	119569
20°	49984
25°	22138
30°	11293
35°	5970
40°	2548
45°	682
50°	751
55°	0
60°	0
65°	0
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 50°

Luminance: 751 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	479.7	66.8
10°-20°	174.0	24.2
20°-30°	46.6	6.5
30°-40°	14.6	2.0
40°-50°	2.7	0.4
50°-60°	0.2	0.0
60°-70°	0.0	0.0
70°-80°	0.0	0.0
80°-90°	0.0	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°	700.4	97.5
0°-40°	715.0	99.6
0°-60°	718.0	100.0
0°-90°	718.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	718.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	10578	
5°	6809	480
15°	527	174
25°	92	47
35°	22	15
45°	2	3
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	10577.8
1°	10399.3
2°	9897.2
3°	9038.0
4°	7971.3
5°	6808.7
6°	5596.9
7°	4512.3
8°	3472.4
9°	2584.2
10°	1899.1
11°	1399.2
12°	1053.3
13°	816.8
14°	647.2
15°	526.7
17.5°	334.7
20°	214.2
22.5°	138.4
25°	91.5
27.5°	62.5
30°	44.6
32.5°	31.2
35°	22.3
37.5°	15.6
40°	8.9
42.5°	4.5
45°	2.2
47.5°	2.2
50°	2.2
52.5°	0.0
55°	0.0
57.5°	0.0
60°	0.0
62.5°	0.0
65°	0.0
67.5°	0.0
70°	0.0
72.5°	0.0
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)