

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: P1255412

Luminaire Tested: P3AS20R359035D010 E3CD1MB

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255412
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: P3AS20R359035D010 E3CD1MB
Description: 3in Adjustable LED luminaire with, R35 optic, 3500K CCT AND, 90CRI , E3CD1MB TRIM
Light Source: -
Ballast/Driver: -

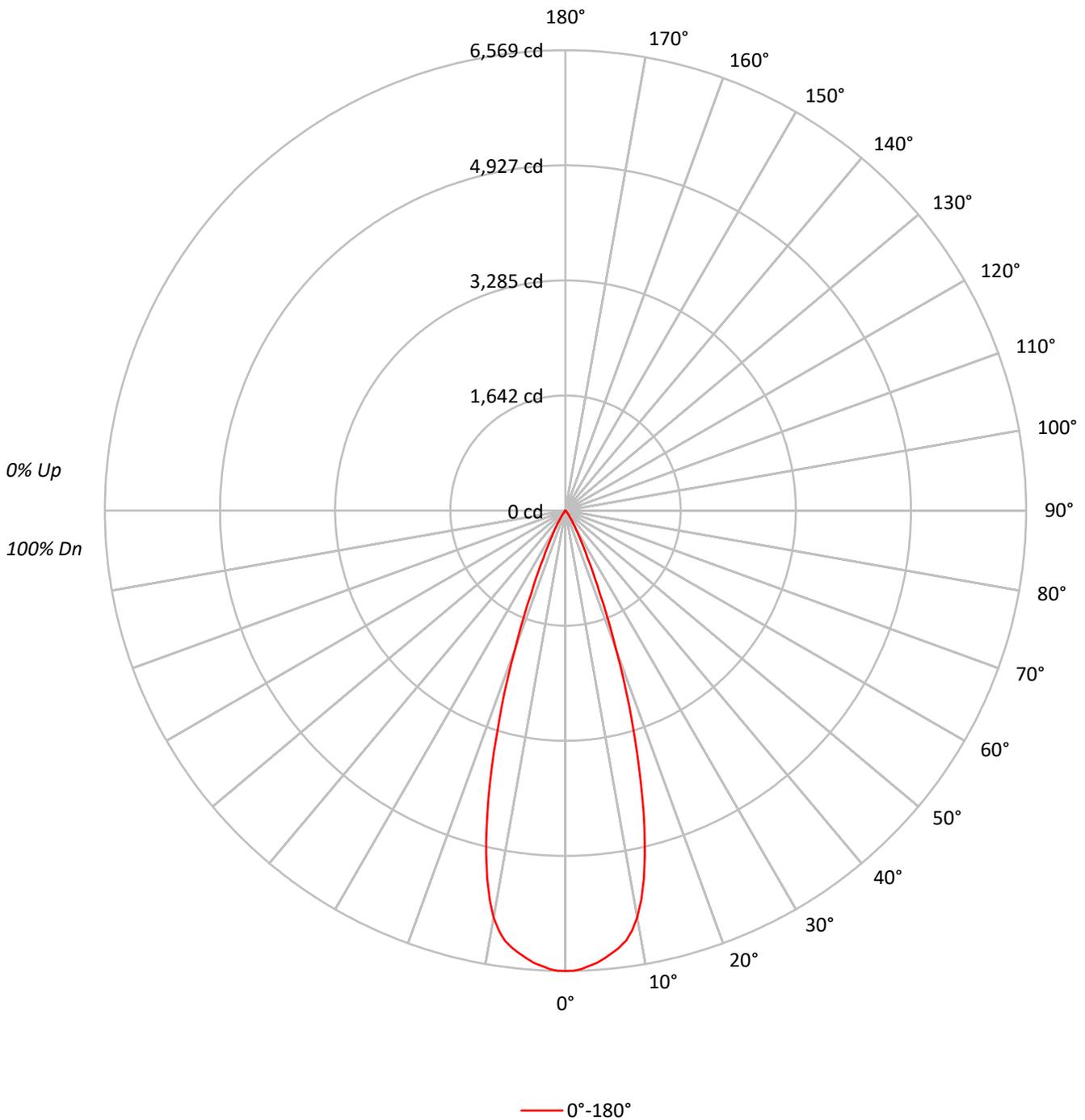
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2209.0 lumens
Efficiency: N/A
Efficacy: 76.7 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): 28.8
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	50	30	10	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	100	100	100
1	115	113	111	109	112	110	109	107	106	105	104	103	102	101	99	99	98	96	96	96	96
2	111	107	104	101	109	105	103	100	102	100	98	99	98	96	97	95	94	93	93	93	93
3	107	102	98	95	105	101	97	95	98	96	93	96	94	92	94	92	90	89	89	89	89
4	104	98	94	91	102	97	93	90	95	92	89	93	90	88	91	89	87	86	86	86	86
5	100	94	90	87	99	93	89	86	92	88	86	90	87	85	89	86	84	83	83	83	83
6	97	91	86	83	96	90	86	83	89	85	82	87	84	82	86	83	81	80	80	80	80
7	94	87	83	80	93	87	83	80	86	82	79	85	81	79	84	81	79	78	78	78	78
8	91	84	80	77	90	84	80	77	83	79	77	82	79	76	81	78	76	75	75	75	75
9	89	82	77	74	88	81	77	74	80	77	74	80	76	74	79	76	74	73	73	73	73
10	86	79	75	72	85	79	75	72	78	74	72	77	74	72	77	74	71	70	70	70	70

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1440411
5°	1411068
10°	1312735
15°	962435
20°	492820
25°	177615
30°	69150
35°	24226
40°	9962
45°	2698
50°	2388
55°	2676
60°	2281
65°	1816
70°	2244
75°	2965
80°	2147
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 75°
 Luminance: 2965 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	597.6	27.1
10°-20°	1121.3	50.8
20°-30°	397.0	18.0
30°-40°	69.5	3.1
40°-50°	10.2	0.5
50°-60°	5.7	0.3
60°-70°	4.1	0.2
70°-80°	3.0	0.1
80°-90°	0.7	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°	2115.9	95.8
0°-40°	2185.4	98.9
0°-60°	2201.3	99.6
0°-90°	2209.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2209.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	6569	
5°	6410	598
15°	4240	1121
25°	734	397
35°	90	70
45°	9	10
55°	7	6
65°	4	4
75°	4	3
85°	0	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	6568.8
1°	6567.1
2°	6546.2
3°	6506.2
4°	6469.7
5°	6410.5
6°	6349.6
7°	6281.8
8°	6198.3
9°	6067.8
10°	5895.6
11°	5657.3
12°	5370.2
13°	5029.2
14°	4653.5
15°	4239.5
17.5°	3157.4
20°	2111.9
22.5°	1273.4
25°	734.1
27.5°	438.4
30°	273.1
32.5°	158.3
35°	90.5
37.5°	57.4
40°	34.8
42.5°	17.4
45°	8.7
47.5°	7.0
50°	7.0
52.5°	7.0
55°	7.0
57.5°	5.2
60°	5.2
62.5°	5.2
65°	3.5
67.5°	3.5
70°	3.5
72.5°	3.5
75°	3.5
77.5°	1.7
80°	1.7
82.5°	1.7
85°	0.0
87.5°	0.0



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)