

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: P1271285

Luminaire Tested: P3AS05R359827DE010 E3D1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1271285
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: P3AS05R359827DE010 E3D1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 2700K CCT AND, 98CRI , E3D1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

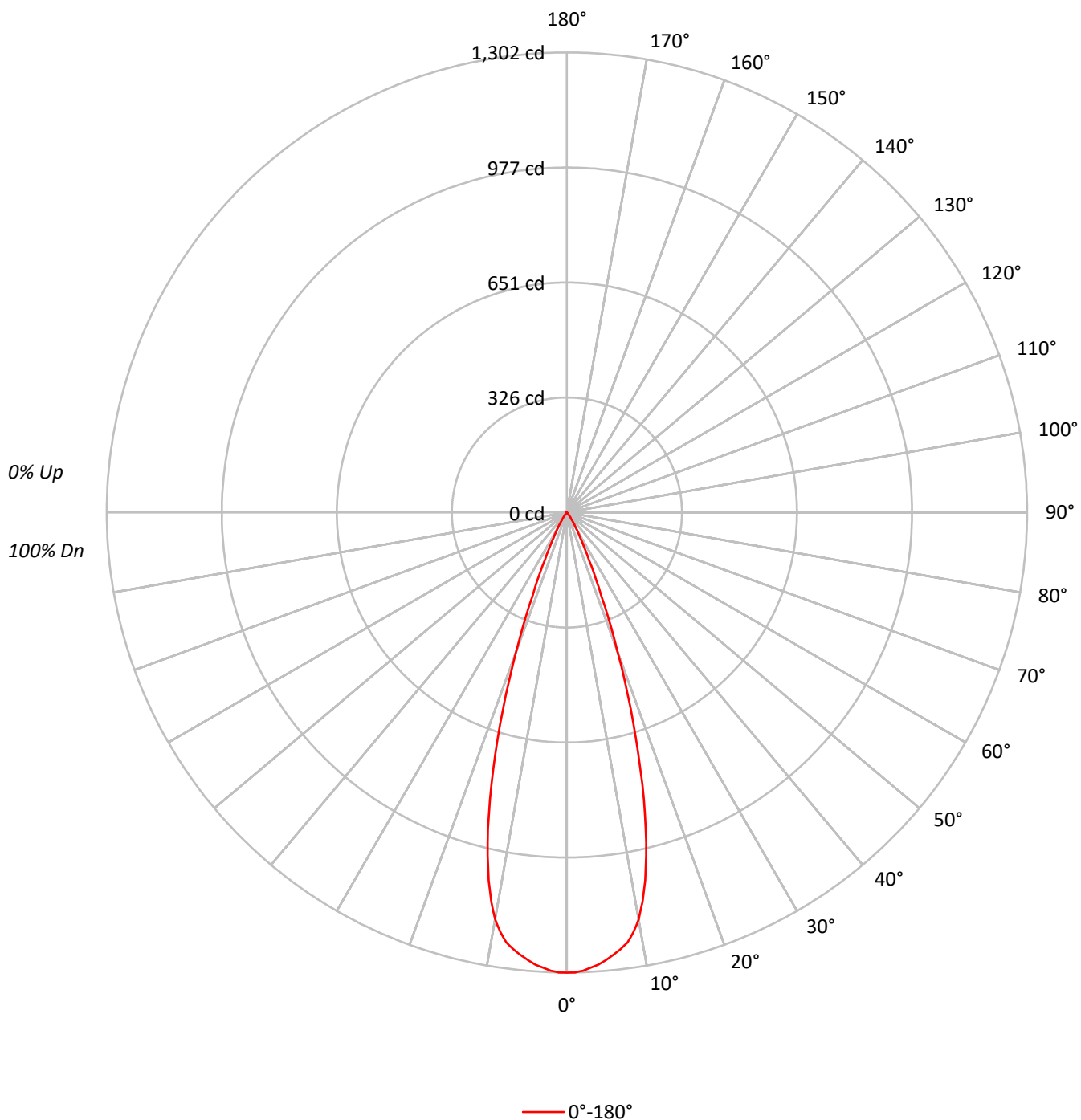
Lumens per Lamp: N/A
Luminaire Lumens: 438.0 lumens
Efficiency: N/A
Efficacy: 60.8 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.52
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
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	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	115	113	111	109	112	110	109	107	107	105	104	103	102	101	99	99	98	96		
2	111	107	104	101	109	105	103	100	102	100	98	99	98	96	97	95	94	93		
3	107	102	98	95	105	101	98	95	98	96	93	96	94	92	94	92	90	89		
4	104	98	94	91	102	97	93	90	95	92	89	93	90	88	91	89	87	86		
5	100	94	90	87	99	93	89	86	92	88	86	90	87	85	89	86	84	83		
6	97	91	86	83	96	90	86	83	89	85	82	87	84	82	86	83	81	80		
7	94	87	83	80	93	87	83	80	86	82	79	85	81	79	84	81	79	78		
8	91	84	80	77	90	84	80	77	83	79	77	82	79	76	81	78	76	75		
9	89	82	77	74	88	81	77	74	80	77	74	80	76	74	79	76	74	73		
10	86	79	75	72	85	79	75	72	78	74	72	77	74	72	77	74	71	70		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	285613
5°	279792
10°	260294
15°	190830
20°	97705
25°	35228
30°	13724
35°	4792
40°	1975
45°	527
50°	478
55°	535
60°	439
65°	363
70°	449
75°	593
80°	379
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 75°

Luminance: 593 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	118.5	27.1
10°-20°	222.3	50.8
20°-30°	78.7	18.0
30°-40°	13.8	3.1
40°-50°	2.0	0.5
50°-60°	1.1	0.3
60°-70°	0.8	0.2
70°-80°	0.6	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°	419.5	95.8
0°-40°	433.3	98.9
0°-60°	436.5	99.7
0°-90°	438.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	438.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1302	
5°	1271	118
15°	841	222
25°	146	79
35°	18	14
45°	2	2
55°	1	1
65°	1	1
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1302.5
1°	1302.1
2°	1298.0
3°	1290.0
4°	1282.8
5°	1271.1
6°	1259.0
7°	1245.5
8°	1229.0
9°	1203.1
10°	1169.0
11°	1121.7
12°	1064.8
13°	997.2
14°	922.7
15°	840.6
17.5°	626.1
20°	418.7
22.5°	252.5
25°	145.6
27.5°	86.9
30°	54.2
32.5°	31.4
35°	17.9
37.5°	11.4
40°	6.9
42.5°	3.4
45°	1.7
47.5°	1.4
50°	1.4
52.5°	1.4
55°	1.4
57.5°	1.0
60°	1.0
62.5°	1.0
65°	0.7
67.5°	0.7
70°	0.7
72.5°	0.7
75°	0.7
77.5°	0.3
80°	0.3
82.5°	0.3
85°	0.0
87.5°	0.0



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)