

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: P1248497

Luminaire Tested: P3AS05R359027DE010 E3D1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1248497
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: P3AS05R359027DE010 E3D1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 2700K CCT AND, 90CRI , E3D1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

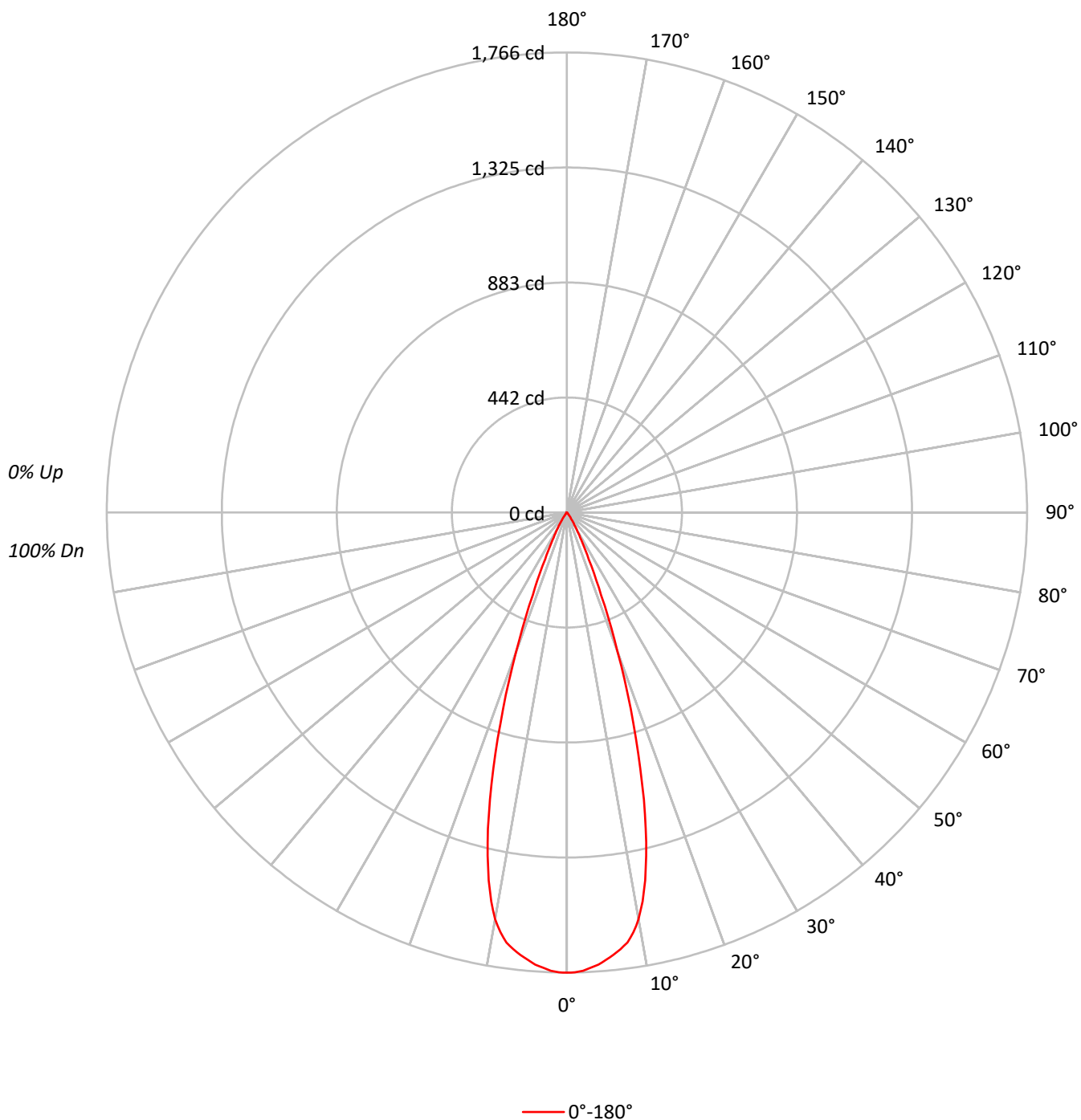
Lumens per Lamp: N/A
Luminaire Lumens: 594.0 lumens
Efficiency: N/A
Efficacy: 82.5 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.52
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	106	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	97	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°	387337
5°	379440
10°	352988
15°	258798
20°	132522
25°	47761
30°	18585
35°	6505
40°	2691
45°	713
50°	648
55°	726
60°	614
65°	467
70°	577
75°	763
80°	631
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 840 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	160.7	27.1
10°-20°	301.5	50.8
20°-30°	106.7	18.0
30°-40°	18.7	3.1
40°-50°	2.7	0.5
50°-60°	1.5	0.3
60°-70°	1.1	0.2
70°-80°	0.8	0.1
80°-90°	0.2	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°	569.0	95.8
0°-40°	587.6	98.9
0°-60°	591.9	99.7
0°-90°	594.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	594.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1766	
5°	1724	161
15°	1140	302
25°	197	107
35°	24	19
45°	2	3
55°	2	2
65°	1	1
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1766.4
1°	1765.9
2°	1760.3
3°	1749.5
4°	1739.7
5°	1723.8
6°	1707.4
7°	1689.2
8°	1666.7
9°	1631.6
10°	1585.3
11°	1521.2
12°	1444.1
13°	1352.4
14°	1251.3
15°	1140.0
17.5°	849.0
20°	567.9
22.5°	342.4
25°	197.4
27.5°	117.9
30°	73.4
32.5°	42.6
35°	24.3
37.5°	15.4
40°	9.4
42.5°	4.7
45°	2.3
47.5°	1.9
50°	1.9
52.5°	1.9
55°	1.9
57.5°	1.4
60°	1.4
62.5°	1.4
65°	0.9
67.5°	0.9
70°	0.9
72.5°	0.9
75°	0.9
77.5°	0.5
80°	0.5
82.5°	0.5
85°	0.0
87.5°	0.0



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)