

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: P1286124

Luminaire Tested: P3AS02R359030D2WDE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1286124
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-19)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R359030D2WDE010 E3DL1MW
Description: 3in Adjustable Dim to Warm LED luminaire with, R35 optic, 3000K CCT AND, 90CRI , E3DL1M
TRIM
Light Source: -
Ballast/Driver: -

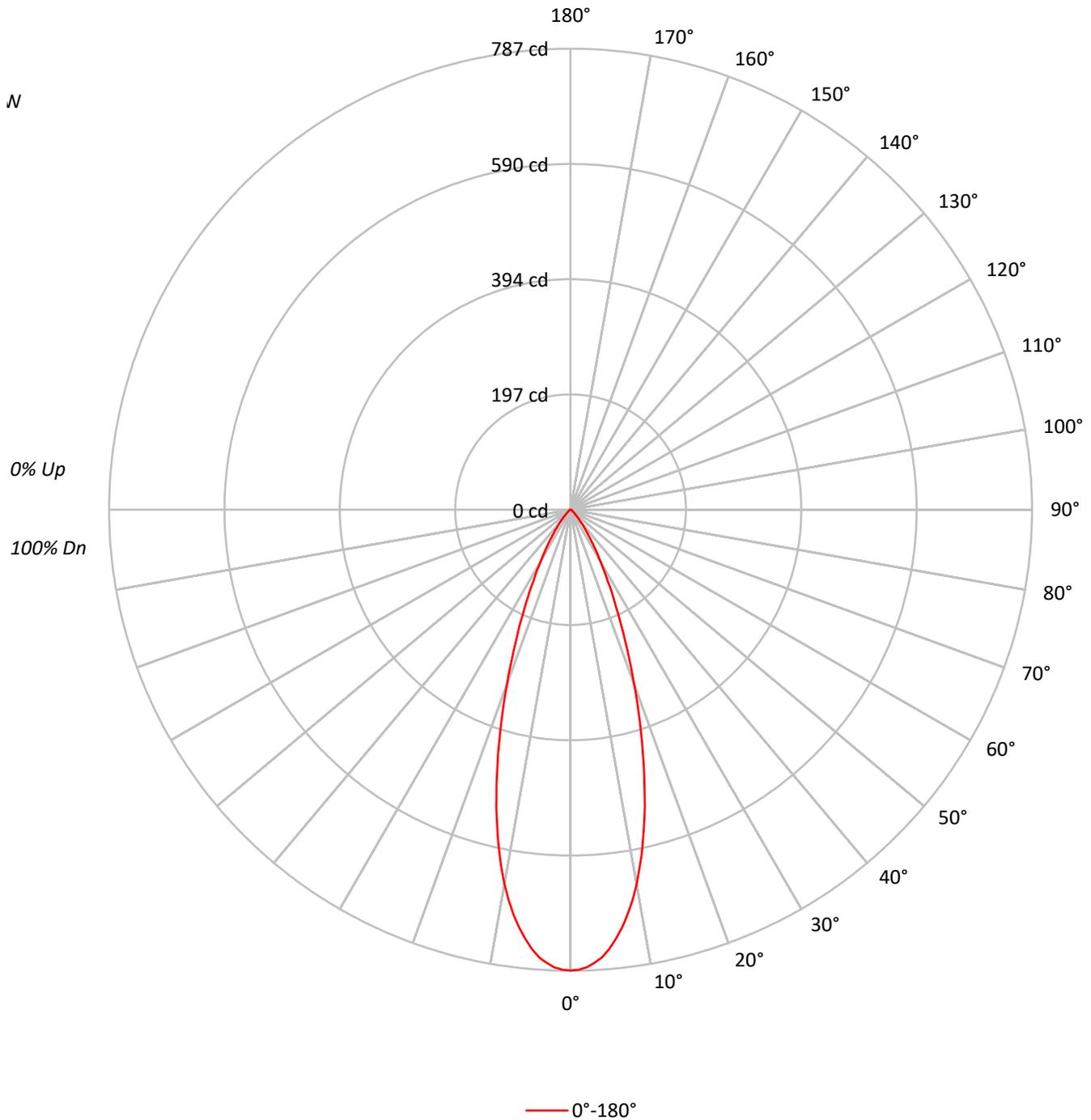
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 342.0 lumens
Efficiency: N/A
Efficacy: 47.5 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.58
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			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	114	112	109	107	112	109	107	106	105	104	102	102	100	99	98	97	96	95	95	95	95
2	109	105	101	98	107	103	100	97	100	97	95	97	95	93	94	93	91	90	90	90	90
3	105	99	95	91	103	98	94	90	95	92	89	93	90	88	91	88	86	85	85	85	85
4	100	94	89	85	99	93	88	85	91	87	84	89	85	83	87	84	82	80	80	80	80
5	96	89	84	80	95	88	83	80	86	82	79	85	81	78	83	80	78	76	76	76	76
6	92	85	80	76	91	84	79	76	83	78	75	81	77	75	80	77	74	73	73	73	73
7	89	81	76	72	88	80	75	72	79	75	71	78	74	71	77	73	71	70	70	70	70
8	85	77	72	69	84	77	72	68	76	71	68	75	71	68	74	70	68	66	66	66	66
9	82	74	69	66	81	74	69	65	73	68	65	72	68	65	71	67	65	64	64	64	64
10	79	71	66	63	78	71	66	63	70	66	63	69	65	62	69	65	62	61	61	61	61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	172486
5°	165771
10°	144442
15°	110625
20°	74020
25°	44785
30°	25700
35°	14375
40°	7643
45°	3938
50°	1876
55°	1491
60°	1447
65°	1193
70°	1282
75°	1101
80°	1263
85°	755

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 3938 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	68.5	20.0
10°-20°	132.8	38.8
20°-30°	86.9	25.4
30°-40°	35.3	10.3
40°-50°	10.6	3.1
50°-60°	3.6	1.1
60°-70°	2.4	0.7
70°-80°	1.4	0.4
80°-90°	0.5	0.1
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°	288.2	84.3
0°-40°	323.5	94.6
0°-60°	337.7	98.7
0°-90°	342.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	342.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	787	
5°	753	69
15°	487	133
25°	185	87
35°	54	35
45°	13	11
55°	4	4
65°	2	2
75°	1	1
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	786.6
1°	785.3
2°	781.7
3°	774.6
4°	766.1
5°	753.1
6°	736.8
7°	718.6
8°	698.1
9°	674.7
10°	648.7
11°	619.7
12°	589.5
13°	555.6
14°	523.4
15°	487.3
17.5°	399.8
20°	317.2
22.5°	244.0
25°	185.1
27.5°	137.9
30°	101.5
32.5°	74.5
35°	53.7
37.5°	38.1
40°	26.7
42.5°	18.5
45°	12.7
47.5°	8.5
50°	5.5
52.5°	4.2
55°	3.9
57.5°	3.6
60°	3.3
62.5°	2.9
65°	2.3
67.5°	2.0
70°	2.0
72.5°	1.6
75°	1.3
77.5°	1.0
80°	1.0
82.5°	0.7
85°	0.3
87.5°	0.3



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)