

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: P1253701

Luminaire Tested: P3AS02R709035DE010 E3CD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1253701
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-48)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R709035DE010 E3CD1MW
Description: 3in Adjustable LED luminaire with, R70 optic, 3500K CCT AND, 90CRI , E3CD1MW TRIM
Light Source: -
Ballast/Driver: -

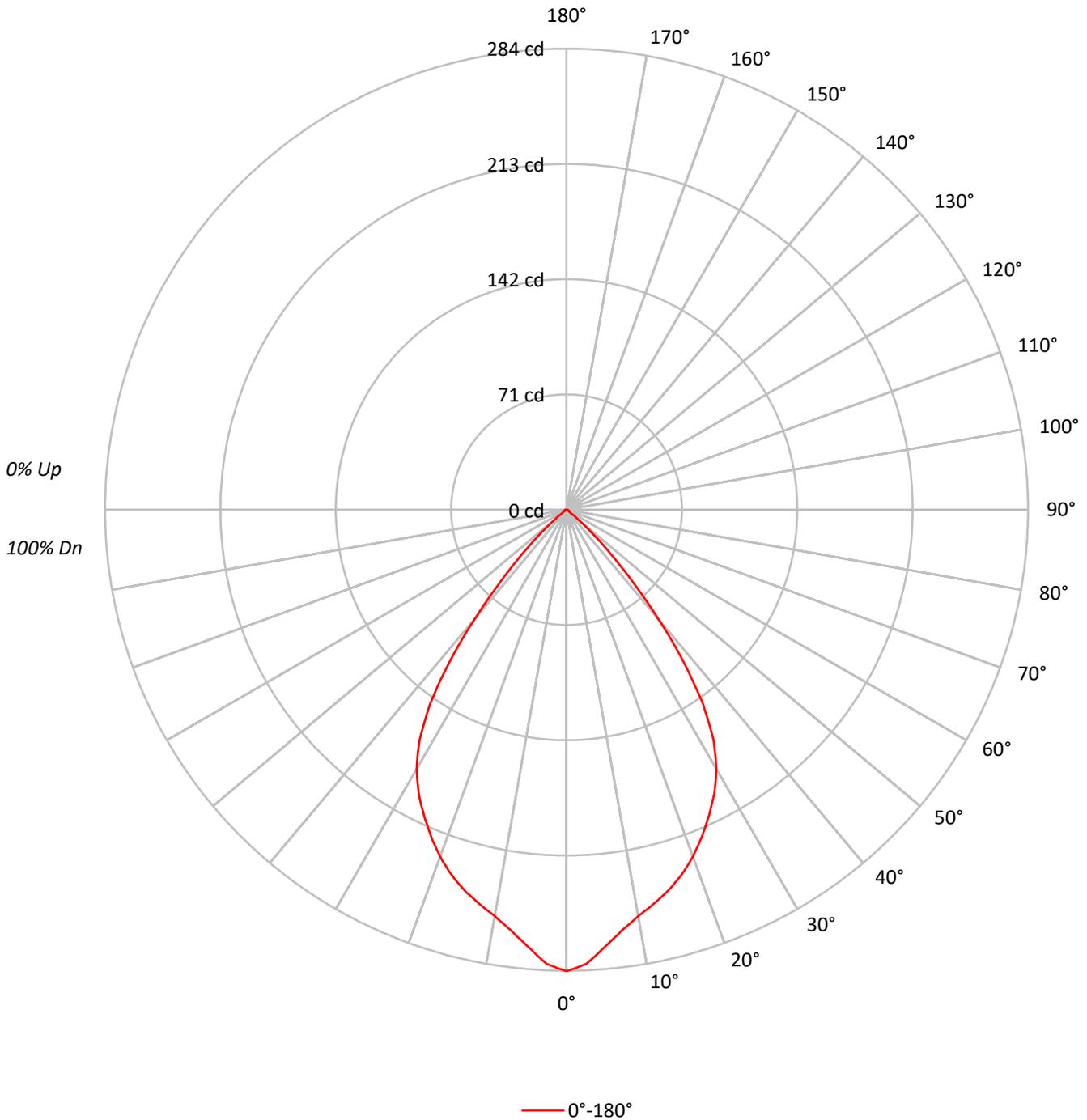
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 314.1 lumens
Efficiency: N/A
Efficacy: 87.2 lumens/watt
Spacing Criteria (0/90/45): 1.01 / 1.01 / 1.03
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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	100			100
1	113	110	107	105	111	108	106	103	104	102	100	100	99	97	97	96	94	93			93
2	107	102	97	94	105	100	96	93	97	94	91	94	91	89	91	89	87	85			85
3	101	94	89	85	99	93	88	84	90	86	83	88	84	81	85	82	80	78			78
4	95	87	81	77	94	86	81	76	84	79	75	82	78	75	80	77	74	72			72
5	90	81	75	70	88	80	74	70	78	73	69	77	72	69	75	71	68	66			66
6	85	75	69	64	83	75	69	64	73	68	64	72	67	63	70	66	63	61			61
7	80	70	64	59	79	70	64	59	68	63	59	67	62	59	66	62	58	57			57
8	76	66	59	55	75	65	59	55	64	58	55	63	58	54	62	57	54	53			53
9	72	62	55	51	71	61	55	51	60	55	51	59	54	50	58	54	50	49			49
10	68	58	52	47	67	57	51	47	56	51	47	56	51	47	55	50	47	46			46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	62341
5°	59498
10°	56601
15°	55097
20°	53065
25°	50229
30°	46716
35°	39244
40°	25276
45°	11753
50°	3070
55°	765
60°	789
65°	675
70°	641
75°	678
80°	631
85°	755

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 11753 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	25.3	8.1
10°-20°	68.2	21.7
20°-30°	95.3	30.3
30°-40°	88.3	28.1
40°-50°	31.7	10.1
50°-60°	2.7	0.9
60°-70°	1.4	0.4
70°-80°	0.9	0.3
80°-90°	0.4	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°	188.8	60.1
0°-40°	277.1	88.2
0°-60°	311.5	99.2
0°-90°	314.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	314.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	284	
5°	270	25
15°	243	68
25°	208	95
35°	147	88
45°	38	32
55°	2	3
65°	1	1
75°	1	1
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	284.3
2.5°	280.1
5°	270.3
7.5°	261.3
10°	254.2
12.5°	248.5
15°	242.7
17.5°	235.7
20°	227.4
22.5°	217.8
25°	207.6
27.5°	197.0
30°	184.5
32.5°	168.4
35°	146.6
37.5°	118.7
40°	88.3
42.5°	60.2
45°	37.9
47.5°	21.1
50°	9.0
52.5°	3.0
55°	2.0
57.5°	1.8
60°	1.8
62.5°	1.5
65°	1.3
67.5°	1.3
70°	1.0
72.5°	1.0
75°	0.8
77.5°	0.8
80°	0.5
82.5°	0.5
85°	0.3
87.5°	0.3
90°	0.0

(END OF REPORT)