

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: P1245832

Luminaire Tested: P3AS02R559024DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1245832
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-35)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R559024DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R55 optic, 2400K CCT AND, 90CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

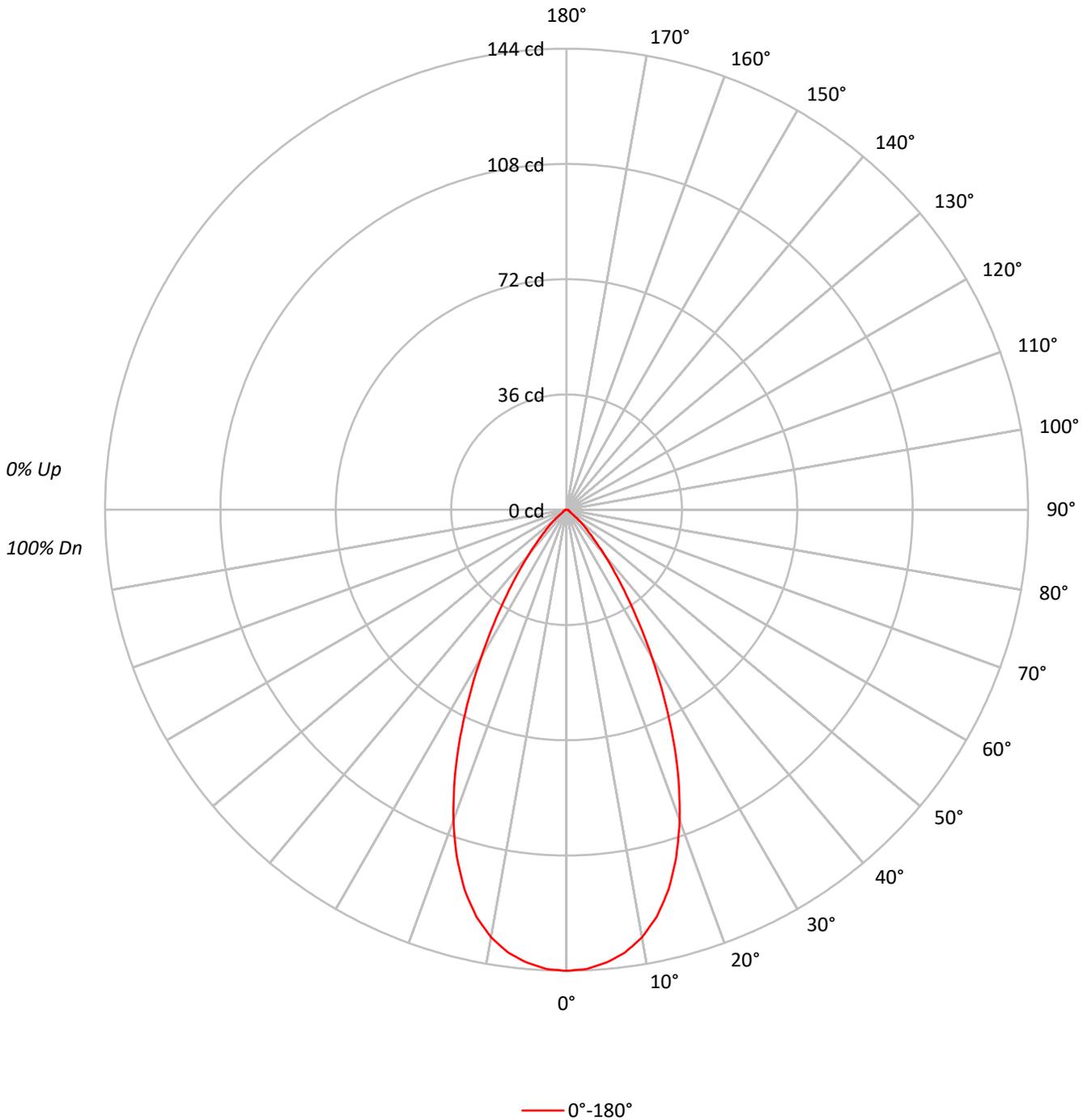
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 115.0 lumens
Efficiency: N/A
Efficacy: 31.9 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.81
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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

TEST NUMBER: P1245832
CATALOG NUMBER: P3AS02R559024DE010 E3DL1GPH

Luminous Intensity Polar Plot





TEST NUMBER: P1245832
 CATALOG NUMBER: P3AS02R559024DE010 E3DL1GPH

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			
1	113	111	108	106	111	108	106	104	104	103	101	101	99	98	97	96	95	93			
2	108	103	99	95	106	101	97	94	98	95	92	95	92	90	92	90	88	87			
3	102	96	91	87	100	95	90	86	92	88	85	89	86	84	87	85	82	81			
4	97	90	84	80	95	89	83	79	86	82	78	84	81	78	83	79	77	75			
5	92	84	78	74	91	83	78	74	81	77	73	80	76	72	78	75	72	70			
6	88	79	73	69	86	78	73	69	77	72	68	75	71	68	74	70	67	66			
7	84	74	68	64	82	74	68	64	72	67	64	71	67	63	70	66	63	62			
8	80	70	64	60	78	70	64	60	69	63	60	68	63	60	67	62	59	58			
9	76	66	61	57	75	66	60	56	65	60	56	64	59	56	63	59	56	55			
10	73	63	57	53	72	63	57	53	62	57	53	61	56	53	60	56	53	52			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	31576
5°	31257
10°	30193
15°	27900
20°	24082
25°	19017
30°	13496
35°	8700
40°	5238
45°	2946
50°	1569
55°	573
60°	526
65°	467
70°	449
75°	424
80°	379
85°	252

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 2946 cd/sqm



TEST NUMBER: P1245832
 CATALOG NUMBER: P3AS02R559024DE010 E3DL1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	13.4	11.6
10°-20°	34.0	29.6
20°-30°	35.6	31.0
30°-40°	20.8	18.1
40°-50°	7.8	6.8
50°-60°	1.8	1.6
60°-70°	0.9	0.8
70°-80°	0.5	0.5
80°-90°	0.1	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°	83.0	72.2
0°-40°	103.8	90.2
0°-60°	113.4	98.6
0°-90°	115.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	115.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	144	
5°	142	13
15°	123	34
25°	79	36
35°	32	21
45°	10	8
55°	2	2
65°	1	1
75°	0	1
85°	0	0
90°	0	



TEST NUMBER: P1245832
CATALOG NUMBER: P3AS02R559024DE010 E3DL1GPH

CANDELA DISTRIBUTION (FULL):

	0°
0°	144.0
2.5°	143.6
5°	142.0
7.5°	139.5
10°	135.6
12.5°	130.1
15°	122.9
17.5°	113.8
20°	103.2
22.5°	91.3
25°	78.6
27.5°	65.6
30°	53.3
32.5°	42.1
35°	32.5
37.5°	24.7
40°	18.3
42.5°	13.1
45°	9.5
47.5°	6.9
50°	4.6
52.5°	2.6
55°	1.5
57.5°	1.3
60°	1.2
62.5°	1.1
65°	0.9
67.5°	0.8
70°	0.7
72.5°	0.6
75°	0.5
77.5°	0.4
80°	0.3
82.5°	0.2
85°	0.1
87.5°	0.1
90°	0.0

(END OF REPORT)