

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: P1253424

Luminaire Tested: P3AS02R209035DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1253424
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-6)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R209035DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R20 optic, 3500K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

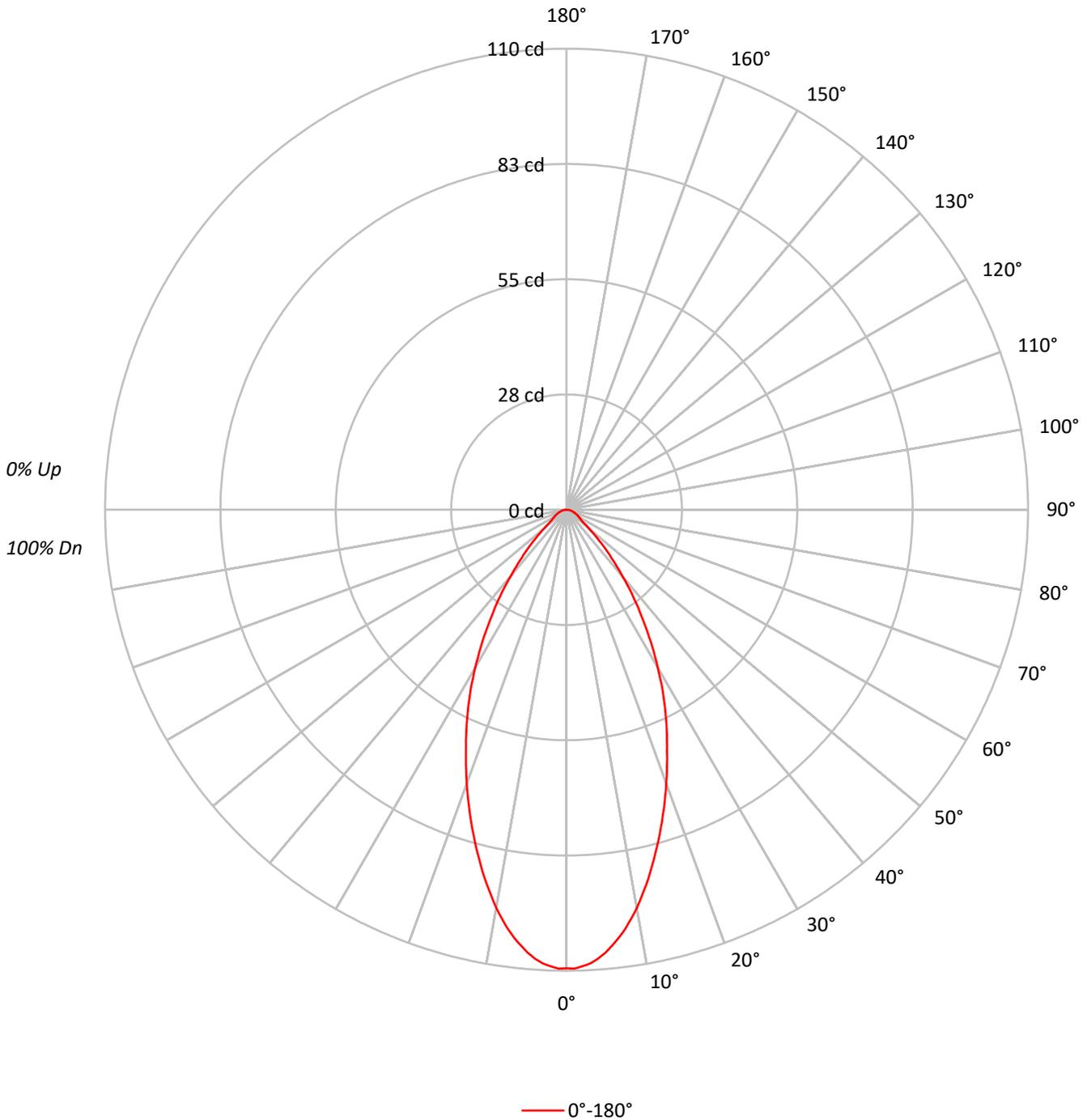
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 97.0 lumens
Efficiency: N/A
Efficacy: 26.9 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.83
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: P1253424
CATALOG NUMBER: P3AS02R209035DE010 E3DLD1GPH

Luminous Intensity Polar Plot





TEST NUMBER: P1253424
 CATALOG NUMBER: P3AS02R209035DE010 E3DLD1GPH

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	109	106	104	110	107	105	102	103	101	99	99	98	96	96	95	93	91			91
2	106	100	96	92	104	99	94	91	95	92	89	92	89	87	90	87	85	83			83
3	100	93	87	82	98	91	86	82	88	84	80	86	82	79	84	81	78	76			76
4	94	86	79	75	92	84	79	74	82	77	73	80	76	72	78	75	72	70			70
5	89	80	73	68	87	79	73	68	77	71	67	75	70	67	73	69	66	64			64
6	84	74	68	63	82	73	67	63	72	66	62	70	65	62	69	65	61	60			60
7	80	69	63	58	78	69	62	58	67	62	58	66	61	57	65	60	57	55			55
8	75	65	59	54	74	64	58	54	63	58	54	62	57	53	61	57	53	52			52
9	72	61	55	50	70	61	55	50	60	54	50	59	54	50	58	53	50	48			48
10	68	58	51	47	67	57	51	47	56	51	47	56	50	47	55	50	47	45			45

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	23989
5°	23355
10°	21487
15°	18910
20°	16218
25°	13622
30°	11014
35°	8379
40°	5954
45°	3938
50°	2422
55°	1606
60°	1447
65°	1349
70°	1282
75°	1186
80°	1137
85°	1006

MAXIMUM LUMINANCE 45°-90°:

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



TEST NUMBER: P1253424
 CATALOG NUMBER: P3AS02R209035DE010 E3DLD1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	9.8	10.1
10°-20°	23.2	23.9
20°-30°	25.7	26.5
30°-40°	19.6	20.2
40°-50°	10.0	10.4
50°-60°	4.1	4.2
60°-70°	2.6	2.7
70°-80°	1.5	1.5
80°-90°	0.4	0.4
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°	58.7	60.6
0°-40°	78.4	80.8
0°-60°	92.5	95.4
0°-90°	97.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	97.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	109	
5°	106	10
15°	83	23
25°	56	26
35°	31	20
45°	13	10
55°	4	4
65°	3	3
75°	1	1
85°	0	0
90°	0	



TEST NUMBER: P1253424
CATALOG NUMBER: P3AS02R209035DE010 E3DLD1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	109.4
1°	109.5
2°	109.0
3°	108.4
4°	107.4
5°	106.1
6°	104.5
7°	102.8
8°	100.9
9°	98.7
10°	96.5
12.5°	90.1
15°	83.3
17.5°	76.4
20°	69.5
22.5°	62.6
25°	56.3
27.5°	50.0
30°	43.5
32.5°	37.3
35°	31.3
37.5°	26.0
40°	20.8
42.5°	16.4
45°	12.7
47.5°	9.6
50°	7.1
52.5°	5.3
55°	4.2
57.5°	3.8
60°	3.3
62.5°	3.0
65°	2.6
67.5°	2.2
70°	2.0
72.5°	1.6
75°	1.4
77.5°	1.1
80°	0.9
82.5°	0.6
85°	0.4
87.5°	0.1
90°	0.0

(END OF REPORT)