

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: P1258909

Luminaire Tested: P3AS02R409050DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1258909
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-22)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R409050DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R40 optic, 5000K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

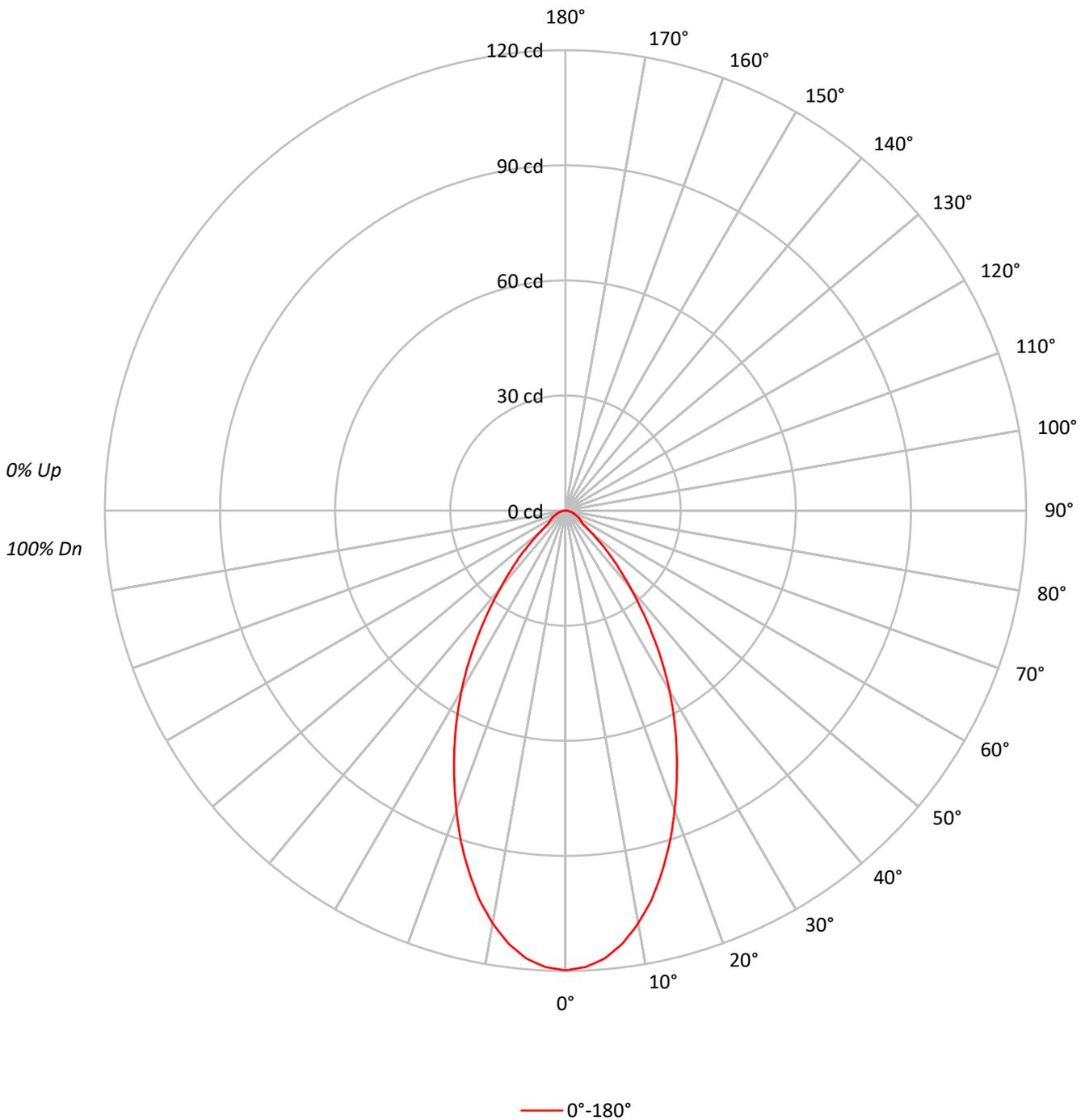
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 117.1 lumens
Efficiency: N/A
Efficacy: 32.5 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.88
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: P1258909
CATALOG NUMBER: P3AS02R409050DE010 E3DLD1GPH

Luminous Intensity Polar Plot





TEST NUMBER: P1258909

CATALOG NUMBER: P3AS02R409050DE010 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	100	100
1	112	109	106	104	110	107	104	102	103	101	99	99	98	96	96	94	93	91	91	91	91
2	106	100	96	92	104	98	94	91	95	92	89	92	89	87	89	87	85	83	83	83	83
3	100	92	87	82	98	91	86	81	88	84	80	86	82	79	83	80	78	76	76	76	76
4	94	85	79	74	92	84	78	74	82	77	73	80	75	72	78	74	71	69	69	69	69
5	89	79	73	68	87	78	72	67	76	71	67	75	70	66	73	69	66	64	64	64	64
6	84	74	67	62	82	73	66	62	71	66	61	70	65	61	68	64	61	59	59	59	59
7	79	69	62	57	78	68	62	57	67	61	57	65	60	57	64	60	56	55	55	55	55
8	75	64	58	53	74	64	57	53	63	57	53	62	56	53	61	56	52	51	51	51	51
9	71	60	54	50	70	60	54	50	59	53	49	58	53	49	57	52	49	48	48	48	48
10	67	57	51	46	66	56	50	46	56	50	46	55	50	46	54	49	46	45	45	45	45

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	26270
5°	25798
10°	24315
15°	22089
20°	19392
25°	16574
30°	13724
35°	10574
40°	7528
45°	5086
50°	2763
55°	1950
60°	1842
65°	1712
70°	1539
75°	1440
80°	1137
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 5086 cd/sqm



TEST NUMBER: P1258909
 CATALOG NUMBER: P3AS02R409050DE010 E3DLD1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	10.9	9.3
10°-20°	27.1	23.2
20°-30°	31.3	26.8
30°-40°	24.7	21.1
40°-50°	12.7	10.8
50°-60°	4.8	4.1
60°-70°	3.2	2.7
70°-80°	1.8	1.5
80°-90°	0.5	0.5
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°	69.4	59.3
0°-40°	94.0	80.3
0°-60°	111.6	95.3
0°-90°	117.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	117.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	120	
5°	117	11
15°	97	27
25°	68	31
35°	40	25
45°	16	13
55°	5	5
65°	3	3
75°	2	2
85°	0	1
90°	0	



TEST NUMBER: P1258909
CATALOG NUMBER: P3AS02R409050DE010 E3DLD1GPH

CANDELA DISTRIBUTION (FULL):

	0°
0°	119.8
2.5°	119.1
5°	117.2
7.5°	113.8
10°	109.2
12.5°	103.8
15°	97.3
17.5°	90.5
20°	83.1
22.5°	75.7
25°	68.5
27.5°	61.3
30°	54.2
32.5°	47.0
35°	39.5
37.5°	32.6
40°	26.3
42.5°	20.9
45°	16.4
47.5°	11.9
50°	8.1
52.5°	5.9
55°	5.1
57.5°	4.6
60°	4.2
62.5°	3.7
65°	3.3
67.5°	2.7
70°	2.4
72.5°	2.0
75°	1.7
77.5°	1.3
80°	0.9
82.5°	0.8
85°	0.4
87.5°	0.3
90°	0.0

(END OF REPORT)