

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: P1253597

Luminaire Tested: P3AS02R509035DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1253597
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-30)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R509035DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R50 optic, 3500K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

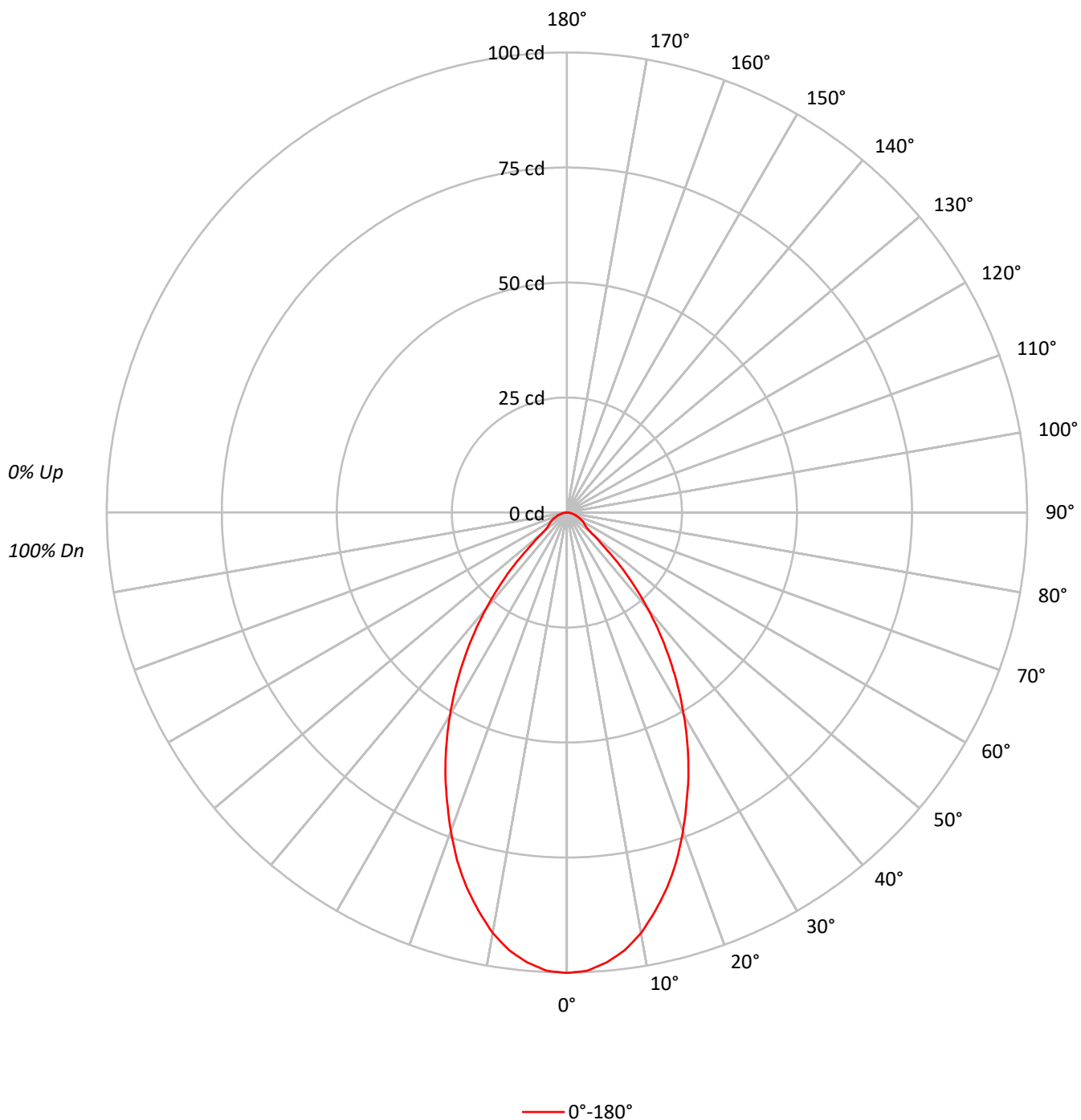
Lumens per Lamp: N/A
Luminaire Lumens: 108.0 lumens
Efficiency: N/A
Efficacy: 30.0 lumens/watt
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.93
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1253597

CATALOG NUMBER: P3AS02R509035DE010 E3DLD1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1253597

CATALOG NUMBER: P3AS02R509035DE010 E3DLD1GPH

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	112	109	106	103	110	107	104	102	103	101	99		99	97	96		96
2	106	100	95	91	103	98	94	90	95	91	88		92	89	86		89
3	99	92	86	81	97	90	85	81	88	83	79		85	81	78		83
4	93	85	78	73	91	83	77	73	81	76	72		79	75	71		77
5	88	78	72	67	86	77	71	66	75	70	66		74	69	65		72
6	83	73	66	61	81	72	65	61	70	65	60		69	64	60		67
7	78	68	61	56	77	67	61	56	66	60	56		64	59	55		63
8	74	63	57	52	73	63	56	52	61	56	52		60	55	51		59
9	70	59	53	48	69	59	52	48	58	52	48		57	52	48		56
10	66	56	49	45	65	55	49	45	54	49	45		54	48	45		53

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	21950
5°	21616
10°	20663
15°	19137
20°	17198
25°	15122
30°	12863
35°	10440
40°	7843
45°	5055
50°	2388
55°	1873
60°	1798
65°	1660
70°	1475
75°	1356
80°	1263
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 5055 cd/sqm

TEST NUMBER: P1253597

CATALOG NUMBER: P3AS02R509035DE010 E3DLD1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	9.2	8.5
10°-20°	23.5	21.8
20°-30°	28.6	26.4
30°-40°	24.2	22.5
40°-50°	12.6	11.6
50°-60°	4.5	4.2
60°-70°	3.1	2.9
70°-80°	1.7	1.6
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°	61.3	56.7
0°-40°	85.5	79.2
0°-60°	102.6	95.0
0°-90°	108.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	108.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	100	
5°	98	9
15°	84	24
25°	62	29
35°	39	24
45°	16	13
55°	5	5
65°	3	3
75°	2	2
85°	0	1
90°	0	

TEST NUMBER: P1253597

CATALOG NUMBER: P3AS02R509035DE010 E3DLD1GPH

CANDELA DISTRIBUTION (FULL):

	0°
0°	100.1
2.5°	99.7
5°	98.2
7.5°	96.0
10°	92.8
12.5°	88.7
15°	84.3
17.5°	79.3
20°	73.7
22.5°	68.0
25°	62.5
27.5°	56.7
30°	50.8
32.5°	44.9
35°	39.0
37.5°	33.2
40°	27.4
42.5°	21.8
45°	16.3
47.5°	10.8
50°	7.0
52.5°	5.4
55°	4.9
57.5°	4.4
60°	4.1
62.5°	3.6
65°	3.2
67.5°	2.7
70°	2.3
72.5°	2.0
75°	1.6
77.5°	1.2
80°	1.0
82.5°	0.7
85°	0.5
87.5°	0.2
90°	0.0

(END OF REPORT)