

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: P1250804

Luminaire Tested: P3AS02R359030DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1250804
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-18)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R359030DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

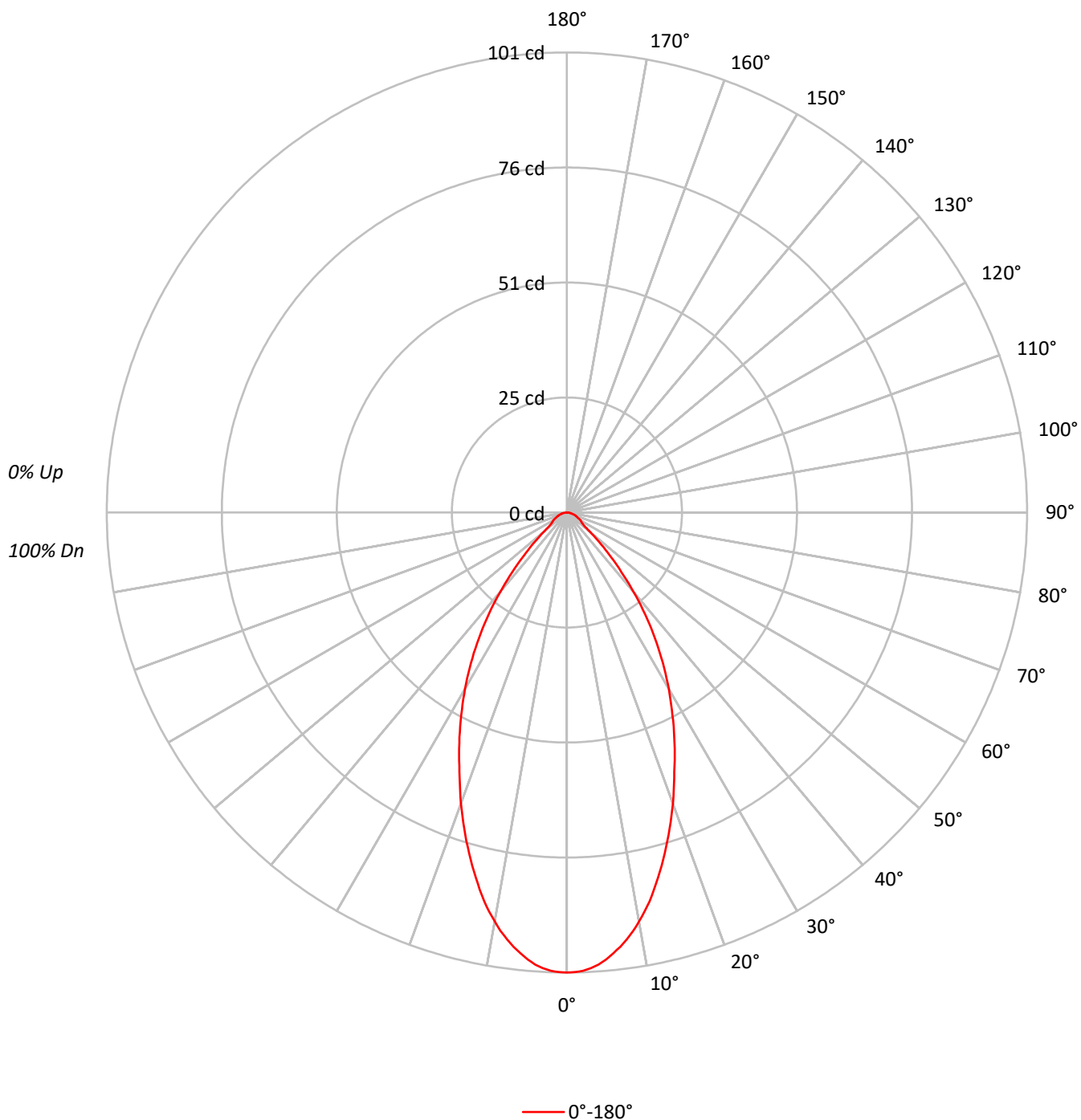
Lumens per Lamp: N/A
Luminaire Lumens: 97.0 lumens
Efficiency: N/A
Efficacy: 26.9 lumens/watt
Spacing Criteria (0/90/45): 0.8 / 0.8 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1250804

CATALOG NUMBER: P3AS02R359030DE010 E3DLD1GPH

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

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	22147
5°	21682
10°	20307
15°	18229
20°	15868
25°	13525
30°	11318
35°	9021
40°	6527
45°	4124
50°	2252
55°	1567
60°	1491
65°	1349
70°	1282
75°	1101
80°	1010
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 4124 cd/sqm

TEST NUMBER: P1250804

CATALOG NUMBER: P3AS02R359030DE010 E3DLD1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	9.2	9.5
10°-20°	22.4	23.0
20°-30°	25.6	26.4
30°-40°	20.9	21.6
40°-50°	10.5	10.9
50°-60°	3.9	4.0
60°-70°	2.6	2.7
70°-80°	1.4	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°	57.1	58.9
0°-40°	78.0	80.4
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°	101	
5°	98	9
15°	80	22
25°	56	26
35°	34	21
45°	13	11
55°	4	4
65°	3	3
75°	1	1
85°	0	0
90°	0	

TEST NUMBER: P1250804

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CANDELA DISTRIBUTION (FULL):

0°	
0°	101.0
1°	100.9
2°	100.7
3°	100.2
4°	99.5
5°	98.5
6°	97.3
7°	96.1
8°	94.6
9°	93.0
10°	91.2
11°	89.3
12°	87.3
13°	85.0
14°	82.6
15°	80.3
17.5°	74.2
20°	68.0
22.5°	61.6
25°	55.9
27.5°	50.2
30°	44.7
32.5°	39.2
35°	33.7
37.5°	28.2
40°	22.8
42.5°	17.7
45°	13.3
47.5°	9.6
50°	6.6
52.5°	4.8
55°	4.1
57.5°	3.7
60°	3.4
62.5°	3.0
65°	2.6
67.5°	2.3
70°	2.0
72.5°	1.7
75°	1.3
77.5°	1.1
80°	0.8
82.5°	0.6
85°	0.4
87.5°	0.2



TEST NUMBER: P1250804
CATALOG NUMBER: P3AS02R359030DE010 E3DLD1GPH

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)