

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: P1270887

Luminaire Tested: P3AS02R259827DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1270887
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-10)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R259827DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R25 optic, 2700K CCT AND, 98CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

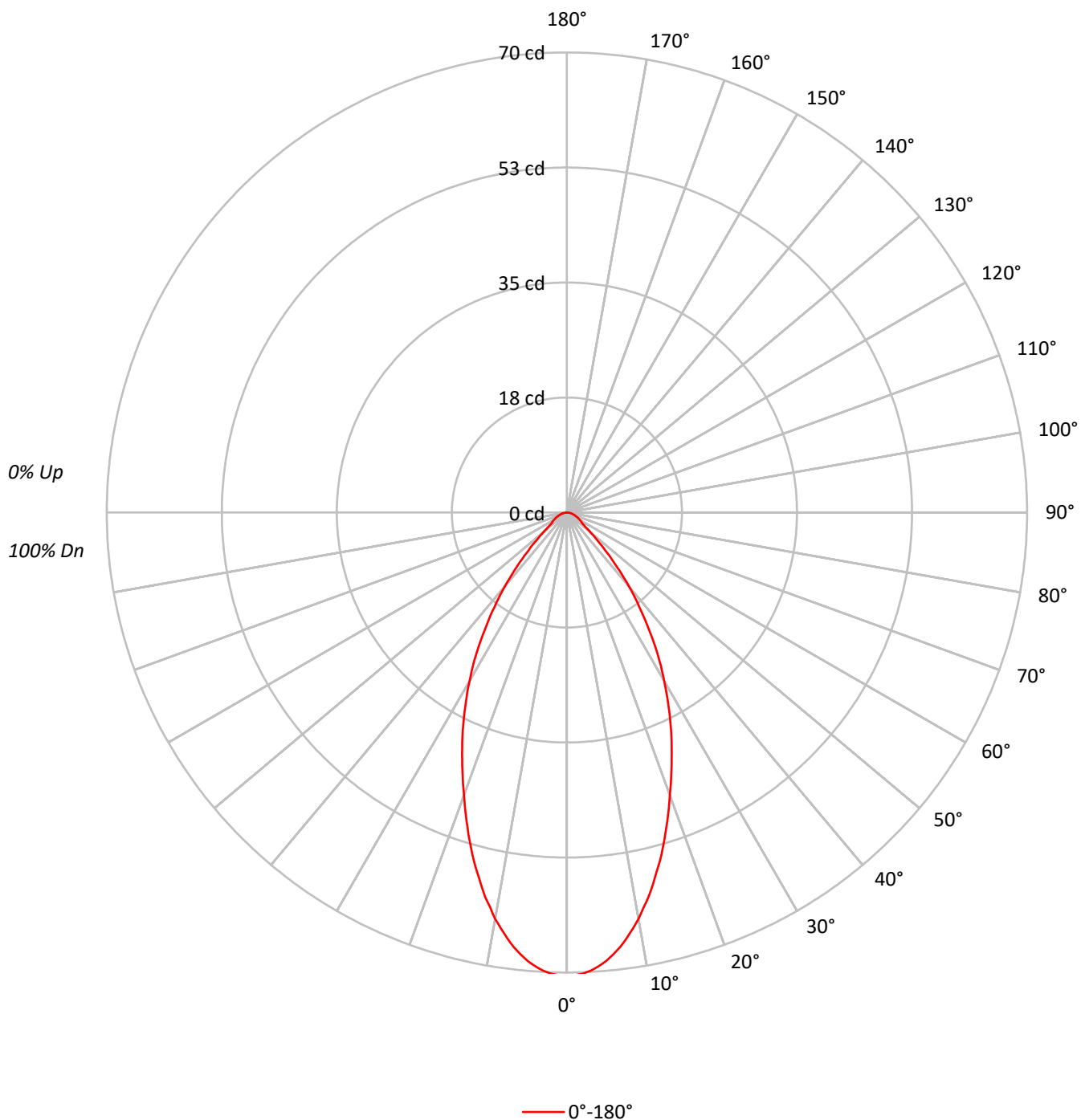
Lumens per Lamp: N/A
Luminaire Lumens: 65.0 lumens
Efficiency: N/A
Efficacy: 18.1 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1270887

CATALOG NUMBER: P3AS02R259827DE010 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	105	102	103	101	99		99	98	96		96
2	106	100	96	92	104	99	94	91	95	92	89		92	89	87		89
3	100	92	87	82	98	91	86	82	88	84	80		86	82	79		83
4	94	85	79	74	92	84	78	74	82	77	73		80	76	72		78
5	89	79	73	68	87	78	72	68	76	71	67		75	70	66		73
6	84	74	67	62	82	73	67	62	71	66	62		70	65	61		69
7	79	69	62	58	78	68	62	58	67	61	57		66	61	57		65
8	75	65	58	54	74	64	58	53	63	57	53		62	57	53		61
9	71	61	54	50	70	60	54	50	59	54	50		58	53	50		57
10	68	57	51	47	67	57	51	47	56	50	47		55	50	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	15437
5°	15078
10°	13983
15°	12440
20°	10688
25°	9097
30°	7495
35°	5836
40°	4208
45°	2667
50°	1569
55°	1070
60°	1009
65°	934
70°	833
75°	763
80°	758
85°	503

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 2667 cd/sqm

TEST NUMBER: P1270887

CATALOG NUMBER: P3AS02R259827DE010 E3DLD1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	6.4	9.8
10°-20°	15.2	23.4
20°-30°	17.2	26.5
30°-40°	13.6	20.9
40°-50°	6.9	10.6
50°-60°	2.8	4.2
60°-70°	1.8	2.7
70°-80°	1.0	1.5
80°-90°	0.3	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°	38.8	59.6
0°-40°	52.4	80.6
0°-60°	62.0	95.4
0°-90°	65.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	65.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	70	
5°	68	6
15°	55	15
25°	38	17
35°	22	14
45°	9	7
55°	3	3
65°	2	2
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	70.4
1°	70.4
2°	70.2
3°	69.8
4°	69.2
5°	68.5
6°	67.6
7°	66.6
8°	65.4
9°	64.1
10°	62.8
11°	61.2
12°	59.8
13°	58.1
14°	56.4
15°	54.8
17.5°	50.3
20°	45.8
22.5°	41.6
25°	37.6
27.5°	33.6
30°	29.6
32.5°	25.8
35°	21.8
37.5°	18.1
40°	14.7
42.5°	11.4
45°	8.6
47.5°	6.4
50°	4.6
52.5°	3.5
55°	2.8
57.5°	2.6
60°	2.3
62.5°	2.0
65°	1.8
67.5°	1.5
70°	1.3
72.5°	1.1
75°	0.9
77.5°	0.7
80°	0.6
82.5°	0.4
85°	0.2
87.5°	0.1



TEST NUMBER: P1270887

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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)