

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: P1245723

Luminaire Tested: P3A02R359024DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1245723
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: P3A02R359024DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R35 optic, 2400K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

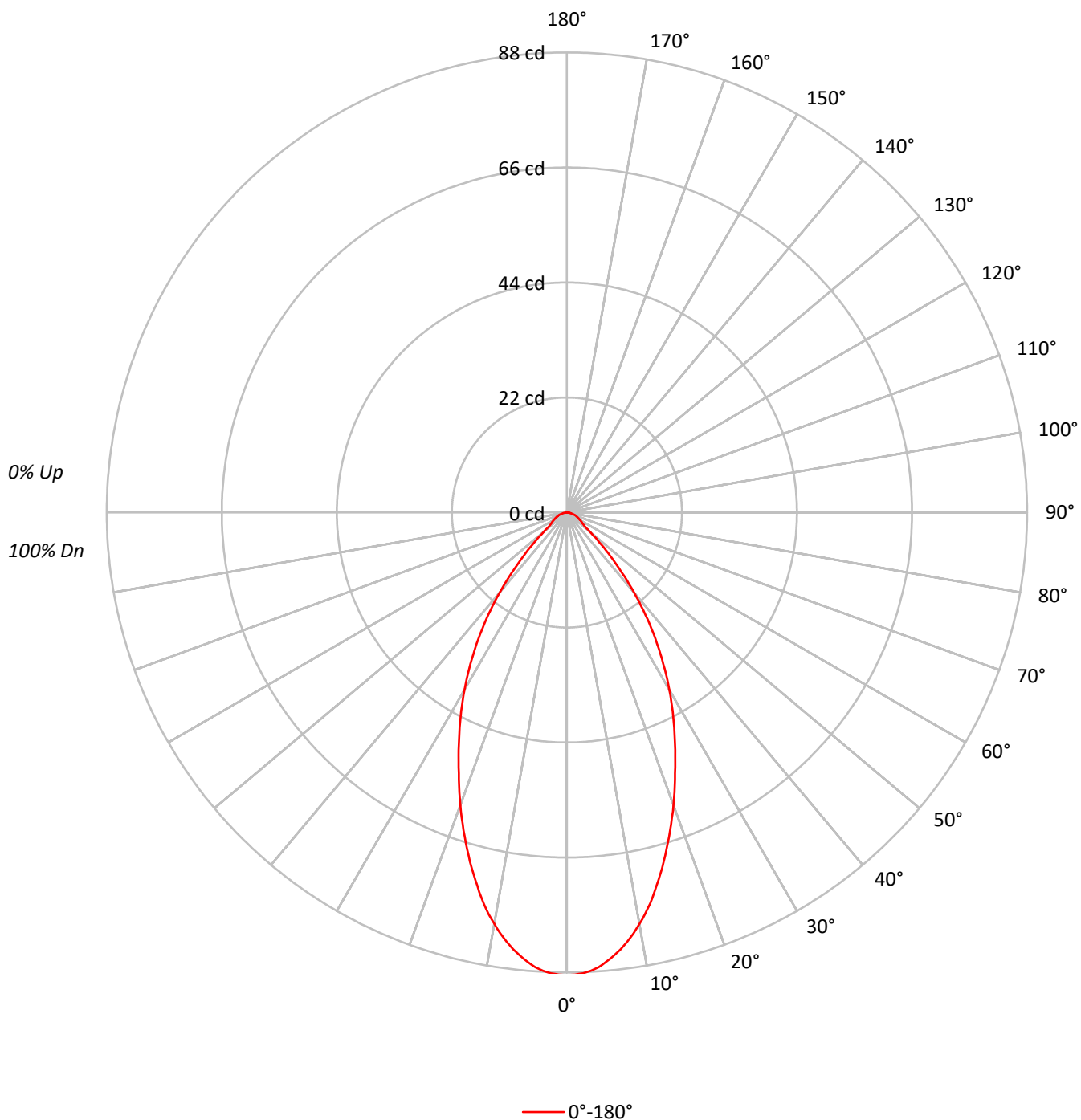
Lumens per Lamp: N/A
Luminaire Lumens: 85.0 lumens
Efficiency: N/A
Efficacy: 23.6 lumens/watt
Spacing Criteria (0/90/45): 0.8 / 0.8 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

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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°	19406
5°	18996
10°	17791
15°	15982
20°	13908
25°	11831
30°	9926
35°	7897
40°	5725
45°	3628
50°	1979
55°	1376
60°	1272
65°	1193
70°	1154
75°	1017
80°	884
85°	755

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 3628 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	8.0	9.5
10°-20°	19.6	23.0
20°-30°	22.4	26.4
30°-40°	18.3	21.5
40°-50°	9.2	10.9
50°-60°	3.4	4.1
60°-70°	2.3	2.7
70°-80°	1.3	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°	50.1	58.9
0°-40°	68.4	80.4
0°-60°	81.1	95.4
0°-90°	85.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	85.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	88	
5°	86	8
15°	70	20
25°	49	22
35°	30	18
45°	12	9
55°	4	3
65°	2	2
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	88.5
1°	88.4
2°	88.2
3°	87.8
4°	87.2
5°	86.3
6°	85.3
7°	84.2
8°	82.9
9°	81.5
10°	79.9
11°	78.3
12°	76.5
13°	74.5
14°	72.4
15°	70.4
17.5°	65.0
20°	59.6
22.5°	54.0
25°	48.9
27.5°	44.0
30°	39.2
32.5°	34.3
35°	29.5
37.5°	24.7
40°	20.0
42.5°	15.5
45°	11.7
47.5°	8.4
50°	5.8
52.5°	4.2
55°	3.6
57.5°	3.3
60°	2.9
62.5°	2.6
65°	2.3
67.5°	2.0
70°	1.8
72.5°	1.5
75°	1.2
77.5°	0.9
80°	0.7
82.5°	0.5
85°	0.3
87.5°	0.2



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)