

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: P1246134

Luminaire Tested: P3A05R359024DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1246134
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: P3A05R359024DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R35 optic, 2400K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

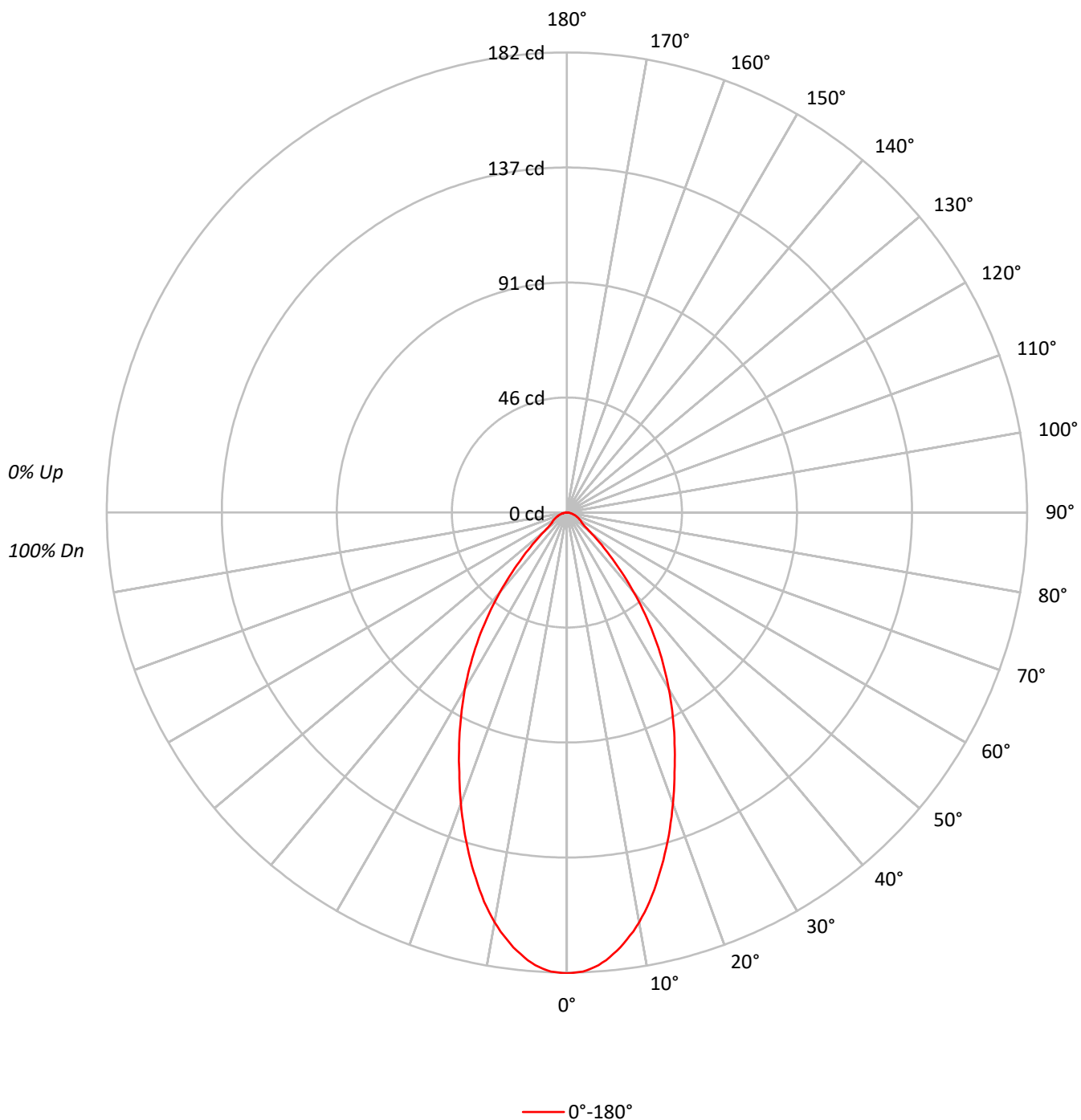
Lumens per Lamp: N/A
Luminaire Lumens: 175.0 lumens
Efficiency: N/A
Efficacy: 24.3 lumens/watt
Spacing Criteria (0/90/45): 0.8 / 0.8 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
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°	39975
5°	39137
10°	36650
15°	32895
20°	28609
25°	24389
30°	20434
35°	16276
40°	11765
45°	7443
50°	4060
55°	2829
60°	2675
65°	2491
70°	2372
75°	2033
80°	1894
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 7443 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	16.5	9.5
10°-20°	40.3	23.0
20°-30°	46.2	26.4
30°-40°	37.7	21.5
40°-50°	19.0	10.9
50°-60°	7.1	4.1
60°-70°	4.7	2.7
70°-80°	2.6	1.5
80°-90°	0.8	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°	103.1	58.9
0°-40°	140.8	80.4
0°-60°	166.9	95.4
0°-90°	175.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	175.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	182	
5°	178	17
15°	145	40
25°	101	46
35°	61	38
45°	24	19
55°	7	7
65°	5	5
75°	2	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	182.3
1°	182.1
2°	181.7
3°	180.8
4°	179.5
5°	177.8
6°	175.6
7°	173.4
8°	170.6
9°	167.8
10°	164.6
11°	161.1
12°	157.4
13°	153.3
14°	149.0
15°	144.9
17.5°	133.9
20°	122.6
22.5°	111.2
25°	100.8
27.5°	90.6
30°	80.7
32.5°	70.7
35°	60.8
37.5°	50.8
40°	41.1
42.5°	32.0
45°	24.0
47.5°	17.3
50°	11.9
52.5°	8.7
55°	7.4
57.5°	6.7
60°	6.1
62.5°	5.4
65°	4.8
67.5°	4.1
70°	3.7
72.5°	3.0
75°	2.4
77.5°	1.9
80°	1.5
82.5°	1.1
85°	0.6
87.5°	0.4



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)