

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: P1250745

Luminaire Tested: P3AS02R259030DE010 E3DLD1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1250745
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: P3AS02R259030DE010 E3DLD1H
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 90CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

Summary

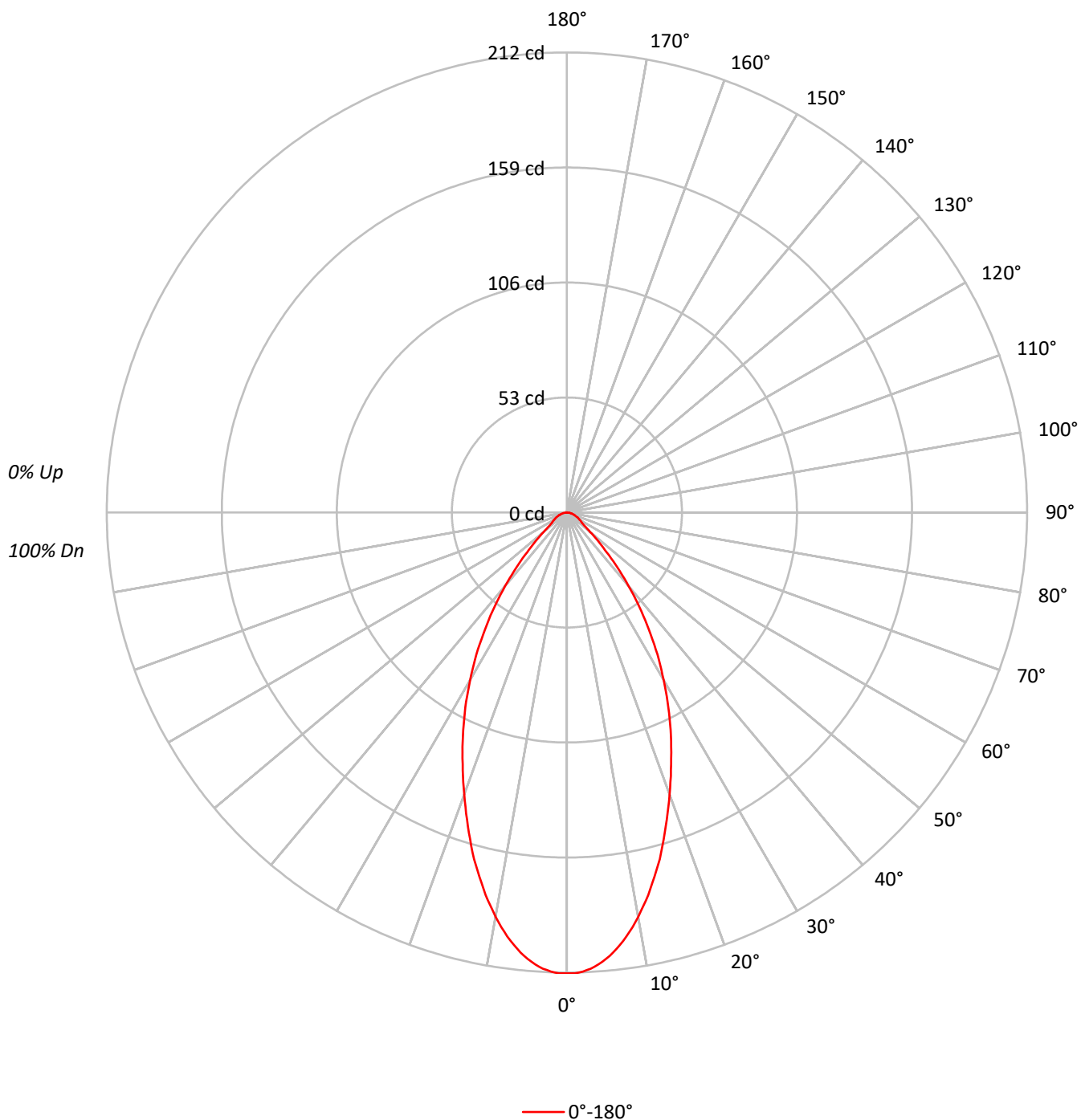
Lumens per Lamp: N/A
Luminaire Lumens: 195.9 lumens
Efficiency: N/A
Efficacy: 54.4 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

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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	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°	46575
5°	45476
10°	42128
15°	37526
20°	32249
25°	27413
30°	22560
35°	17587
40°	12652
45°	8032
50°	4742
55°	3250
60°	2982
65°	2802
70°	2500
75°	2288
80°	2147
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 8032 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	19.2	9.8
10°-20°	45.9	23.4
20°-30°	51.8	26.5
30°-40°	41.0	20.9
40°-50°	20.7	10.6
50°-60°	8.3	4.2
60°-70°	5.3	2.7
70°-80°	2.9	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°	116.9	59.7
0°-40°	157.9	80.6
0°-60°	186.9	95.4
0°-90°	195.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	195.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	212	
5°	207	19
15°	165	46
25°	113	52
35°	66	41
45°	26	21
55°	8	8
65°	5	5
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	212.4
1°	212.4
2°	211.7
3°	210.5
4°	208.8
5°	206.6
6°	203.9
7°	200.7
8°	197.3
9°	193.4
10°	189.2
11°	184.6
12°	180.2
13°	175.1
14°	170.2
15°	165.3
17.5°	151.6
20°	138.2
22.5°	125.5
25°	113.3
27.5°	101.3
30°	89.1
32.5°	77.6
35°	65.7
37.5°	54.7
40°	44.2
42.5°	34.4
45°	25.9
47.5°	19.3
50°	13.9
52.5°	10.5
55°	8.5
57.5°	7.8
60°	6.8
62.5°	6.1
65°	5.4
67.5°	4.6
70°	3.9
72.5°	3.4
75°	2.7
77.5°	2.2
80°	1.7
82.5°	1.2
85°	0.7
87.5°	0.2



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)