

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: P1286243

Luminaire Tested: P3AS02R559030D2WDE010 E3DLD1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1286243
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-34)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R559030D2WDE010 E3DLD1H
Description: 3in Adjustable Dim to Warm LED luminaire with, R55 optic, 3000K CCT AND, 90CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

Summary

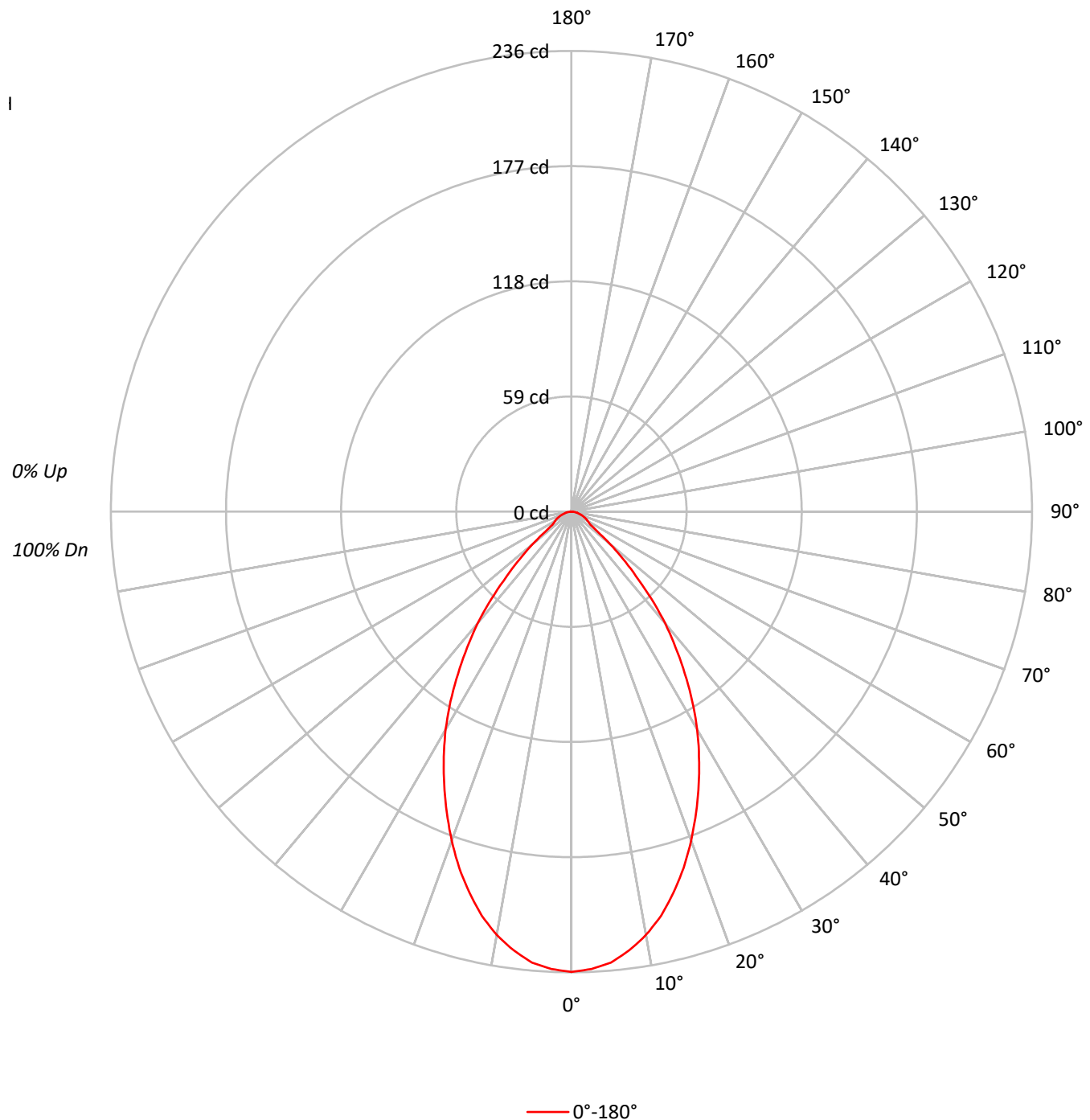
Lumens per Lamp: N/A
Luminaire Lumens: 274.9 lumens
Efficiency: N/A
Efficacy: 38.2 lumens/watt
Spacing Criteria (0/90/45): 0.91 / 0.91 / 0.97
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	103	110	107	104	102	103	100	98		99	97	96		95
2	105	100	95	91	103	98	93	90	94	91	88		91	88	86		89
3	99	91	85	81	97	90	84	80	87	82	79		85	81	77		82
4	93	84	77	72	91	83	77	72	80	75	71		78	74	70		76
5	87	77	71	66	85	76	70	65	75	69	65		73	68	64		71
6	82	72	65	60	80	71	64	60	69	64	59		68	63	59		66
7	77	67	60	55	76	66	59	55	65	59	54		63	58	54		62
8	73	62	55	51	72	62	55	51	60	55	50		59	54	50		58
9	69	58	51	47	68	58	51	47	57	51	47		56	50	46		55
10	65	55	48	44	64	54	48	44	53	47	43		52	47	43		52

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	51706
5°	51045
10°	49030
15°	45857
20°	41840
25°	37333
30°	32638
35°	27117
40°	21383
45°	14513
50°	8870
55°	4588
60°	4254
65°	4047
70°	3719
75°	3304
80°	3283
85°	2516

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 14513 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	21.7	7.9
10°-20°	56.5	20.5
20°-30°	70.7	25.7
30°-40°	63.1	23.0
40°-50°	37.0	13.4
50°-60°	12.8	4.6
60°-70°	7.7	2.8
70°-80°	4.3	1.6
80°-90°	1.2	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°	148.9	54.2
0°-40°	212.0	77.1
0°-60°	261.7	95.2
0°-90°	274.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	274.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	236	
5°	232	22
15°	202	56
25°	154	71
35°	101	63
45°	47	37
55°	12	13
65°	8	8
75°	4	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	235.8
2.5°	234.5
5°	231.9
7.5°	226.7
10°	220.2
12.5°	212.1
15°	202.0
17.5°	191.3
20°	179.3
22.5°	166.9
25°	154.3
27.5°	141.6
30°	128.9
32.5°	115.3
35°	101.3
37.5°	87.7
40°	74.7
42.5°	60.7
45°	46.8
47.5°	35.7
50°	26.0
52.5°	16.9
55°	12.0
57.5°	10.7
60°	9.7
62.5°	8.8
65°	7.8
67.5°	6.8
70°	5.8
72.5°	4.9
75°	3.9
77.5°	3.2
80°	2.6
82.5°	1.6
85°	1.0
87.5°	0.6
90°	0.0

(END OF REPORT)