

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: P1286182

Luminaire Tested: P3AS02R459030D2WDE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1286182
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-25)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R459030D2WDE010 E3DL1WH
Description: 3in Adjustable Dim to Warm LED luminaire with, R45 optic, 3000K CCT AND, 90CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

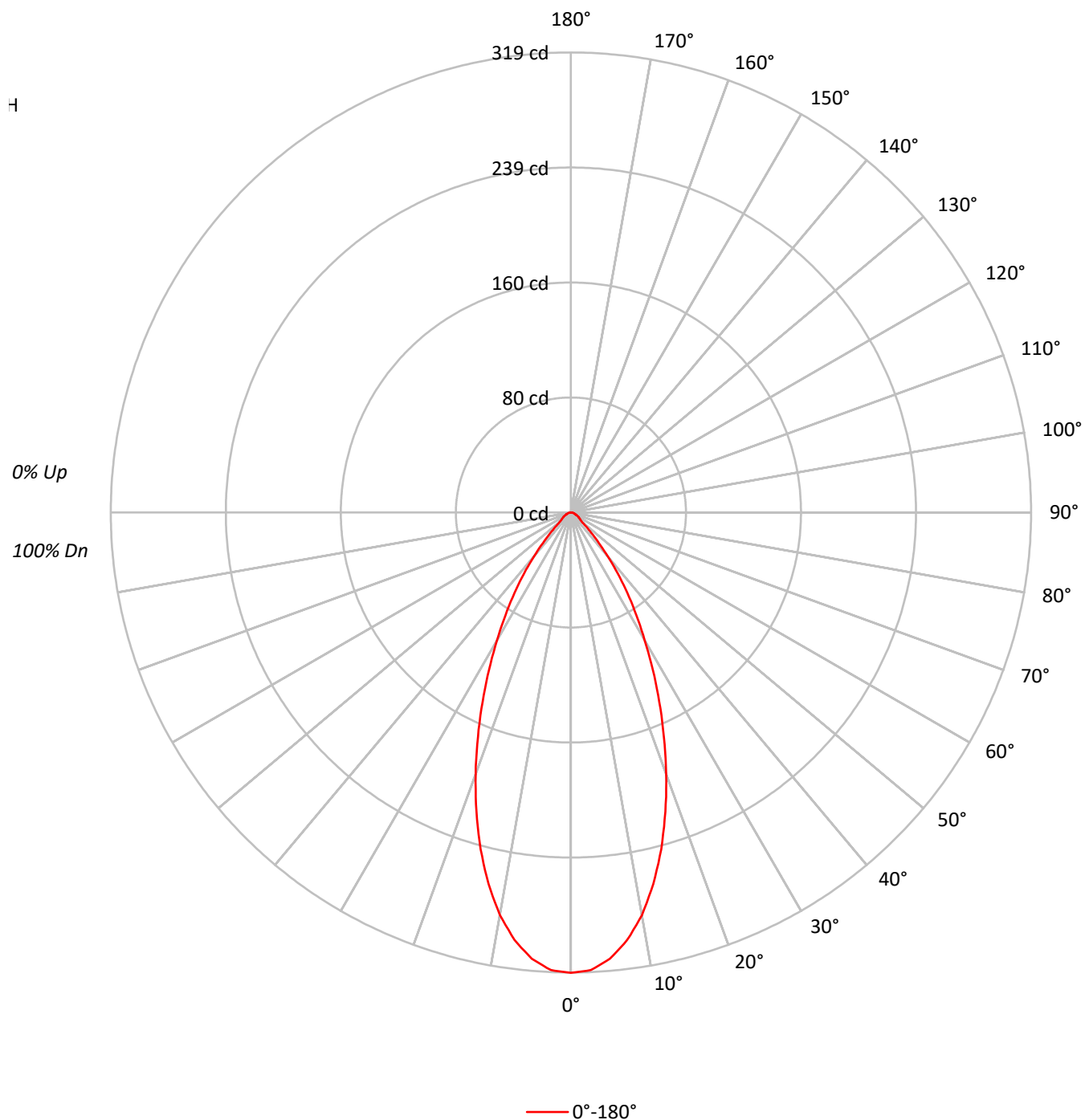
Lumens per Lamp: N/A
Luminaire Lumens: 235.0 lumens
Efficiency: N/A
Efficacy: 32.6 lumens/watt
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.76
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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					30					10					0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10			0
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102			100
1	113	110	107	105	111	108	106	103	104	102	100	100	99	97	97	96	94			93
2	107	102	98	94	105	100	96	93	97	94	91	94	91	89	91	89	87			86
3	102	95	90	85	100	93	89	85	91	87	83	88	85	82	86	83	81			79
4	96	88	83	78	94	87	82	78	85	81	77	83	79	76	81	78	75			74
5	91	83	77	72	90	82	76	72	80	75	71	78	74	71	77	73	70			69
6	87	78	72	67	85	77	71	67	75	70	66	74	69	66	73	69	66			64
7	83	73	67	63	81	72	67	62	71	66	62	70	65	62	69	65	61			60
8	79	69	63	59	77	68	63	59	67	62	58	66	62	58	65	61	58			56
9	75	65	59	55	74	65	59	55	64	59	55	63	58	55	62	58	55			53
10	72	62	56	52	71	61	56	52	61	55	52	60	55	52	59	55	52			50

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	69994
5°	68391
10°	63103
15°	54870
20°	45084
25°	35058
30°	25903
35°	18230
40°	11364
45°	6171
50°	3343
55°	2867
60°	2588
65°	2179
70°	1859
75°	1949
80°	1642
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 6171 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	28.8	12.2
10°-20°	66.8	28.4
20°-30°	66.3	28.2
30°-40°	42.7	18.2
40°-50°	16.5	7.0
50°-60°	6.7	2.8
60°-70°	4.2	1.8
70°-80°	2.3	1.0
80°-90°	0.7	0.3
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°	161.9	68.9
0°-40°	204.6	87.1
0°-60°	227.8	96.9
0°-90°	235.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	235.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	319	
5°	311	29
15°	242	67
25°	145	66
35°	68	43
45°	20	16
55°	8	7
65°	4	4
75°	2	2
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	319.2
2.5°	317.6
5°	310.7
7.5°	299.0
10°	283.4
12.5°	263.8
15°	241.7
17.5°	217.6
20°	193.2
22.5°	168.4
25°	144.9
27.5°	122.8
30°	102.3
32.5°	84.4
35°	68.1
37.5°	53.4
40°	39.7
42.5°	28.7
45°	19.9
47.5°	13.4
50°	9.8
52.5°	8.1
55°	7.5
57.5°	6.5
60°	5.9
62.5°	4.9
65°	4.2
67.5°	3.6
70°	2.9
72.5°	2.6
75°	2.3
77.5°	1.6
80°	1.3
82.5°	1.0
85°	0.7
87.5°	0.3
90°	0.0

(END OF REPORT)