

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: P1286016

Luminaire Tested: P3AS02R159030D2WDE010 E3DLP1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1286016
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-1)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R159030D2WDE010 E3DLP1H
Description: 3in Adjustable Dim to Warm LED luminaire with, R15 optic, 3000K CCT AND, 90CRI , E3DLP1H TRIM
Light Source: -
Ballast/Driver: -

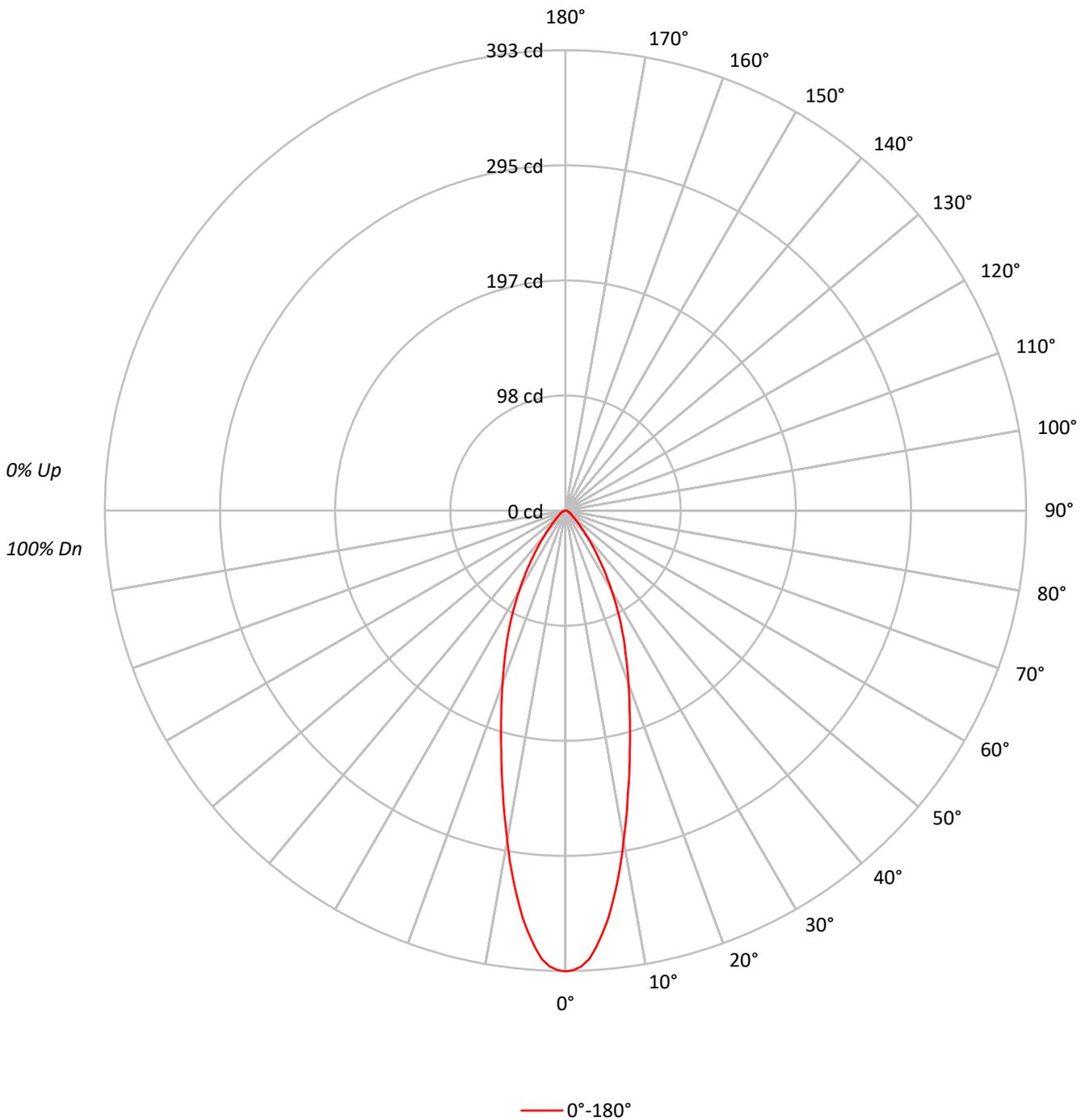
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 200.0 lumens
Efficiency: N/A
Efficacy: 27.8 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.61
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				20
RC	80				70				50				30				10				0
RW	70	50	30	10	70	50	30	10	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	99	98	93
1	113	110	108	106	111	108	106	104	104	102	101	100	99	98	97	96	95	93	92	90	86
2	108	103	98	95	105	101	97	94	98	95	92	95	92	90	92	90	88	86	87	84	82
3	102	96	91	87	100	94	90	86	92	88	85	89	86	83	87	84	82	80	82	79	77
4	97	90	84	80	95	88	83	79	86	82	78	84	81	78	82	79	77	75	78	75	72
5	93	84	78	74	91	83	78	74	81	77	73	80	76	73	78	75	72	70	74	71	68
6	88	79	73	69	87	79	73	69	77	72	69	76	71	68	74	71	68	66	71	67	64
7	84	75	69	65	83	74	69	65	73	68	64	72	67	64	71	67	64	62	68	64	61
8	80	71	65	61	79	71	65	61	69	64	61	68	64	61	68	63	60	59	64	60	57
9	77	68	62	58	76	67	62	58	66	61	58	65	61	57	64	60	57	56	62	57	54
10	74	64	59	55	73	64	59	55	63	58	55	62	58	55	62	57	54	53			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	86243
5°	79705
10°	63637
15°	48082
20°	36613
25°	27897
30°	19978
35°	13037
40°	7986
45°	4838
50°	3207
55°	2485
60°	2149
65°	1868
70°	1667
75°	1610
80°	1263
85°	755

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 4838 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	32.1	16.0
10°-20°	59.2	29.6
20°-30°	52.7	26.4
30°-40°	31.2	15.6
40°-50°	12.8	6.4
50°-60°	6.0	3.0
60°-70°	3.6	1.8
70°-80°	1.9	1.0
80°-90°	0.5	0.2
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°	144.0	72.0
0°-40°	175.1	87.6
0°-60°	193.9	97.0
0°-90°	200.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	200.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	393	
5°	362	32
15°	212	59
25°	115	53
35°	49	31
45°	16	13
55°	6	6
65°	4	4
75°	2	2
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	393.3
1°	392.3
2°	389.4
3°	383.6
4°	373.8
5°	362.1
6°	349.5
7°	334.5
8°	318.9
9°	303.0
10°	285.8
12.5°	246.5
15°	211.8
17.5°	181.9
20°	156.9
22.5°	134.8
25°	115.3
27.5°	96.5
30°	78.9
32.5°	63.0
35°	48.7
37.5°	37.3
40°	27.9
42.5°	20.8
45°	15.6
47.5°	12.0
50°	9.4
52.5°	7.8
55°	6.5
57.5°	5.5
60°	4.9
62.5°	4.2
65°	3.6
67.5°	3.2
70°	2.6
72.5°	2.3
75°	1.9
77.5°	1.3
80°	1.0
82.5°	0.6
85°	0.3
87.5°	0.3
90°	0.0

(END OF REPORT)