

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: P1286862

Luminaire Tested: P3AS09R459030D2WDE010 E3CB1MMS

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1286862
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-28)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R459030D2WDE010 E3CB1MMS
Description: 3in Adjustable Dim to Warm LED luminaire with, R45 optic, 3000K CCT AND, 90CRI ,
E3CB1MMS TRIM
Light Source: -
Ballast/Driver: -

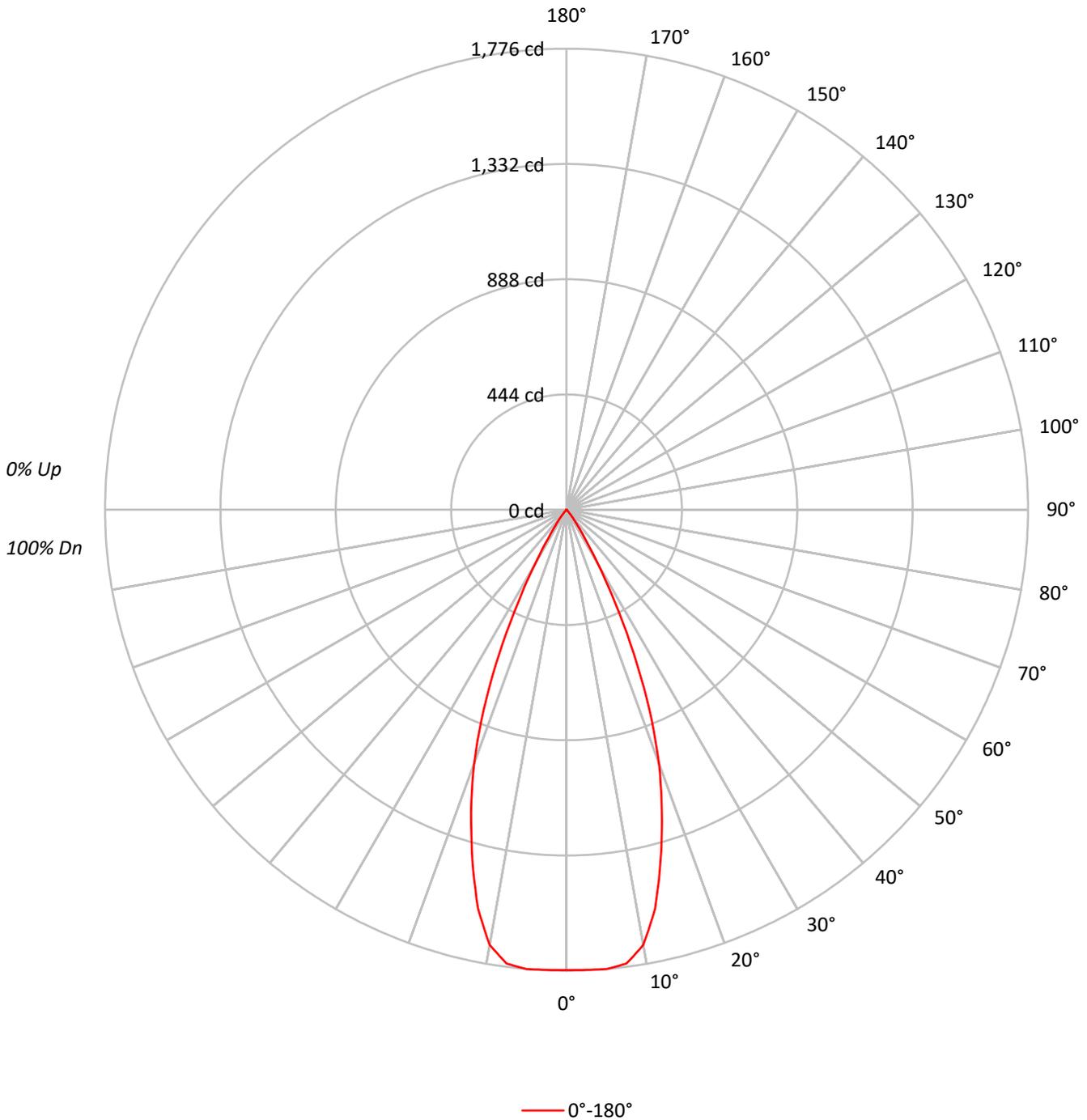
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 897.0 lumens
Efficiency: N/A
Efficacy: 61.0 lumens/watt
Spacing Criteria (0/90/45): 0.72 / 0.72 / 0.66
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.7
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			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	97	100
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95	95	94	92	91
2	110	106	102	100	108	104	101	98	101	98	96	98	96	94	95	94	92	87	92	90	88	87
3	106	100	96	93	104	99	95	92	96	93	91	94	91	89	92	90	88	82	88	86	84	82
4	102	95	91	87	100	94	90	87	92	89	86	90	87	85	88	86	84	79	85	82	80	79
5	98	91	86	82	96	90	85	82	88	84	81	87	83	81	85	82	80	75	82	79	76	75
6	94	87	82	78	93	86	81	78	85	80	77	83	80	77	82	79	76	72	79	76	73	72
7	90	83	78	74	89	82	78	74	81	77	74	80	76	74	79	76	73	69	76	73	70	69
8	87	79	74	71	86	79	74	71	78	74	71	77	73	70	76	73	70	66	73	70	67	66
9	84	76	71	68	83	76	71	68	75	71	68	74	70	67	73	70	67	64	71	67	65	64
10	81	73	68	65	80	73	68	65	72	68	65	71	67	65	71	67	65	62	71	67	65	64

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	388894
5°	390974
10°	378951
15°	317573
20°	242758
25°	147783
30°	61478
35°	19702
40°	6126
45°	1240
50°	921
55°	1032
60°	877
65°	1038
70°	833
75°	1101
80°	884
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 1240 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	167.5	18.7
10°-20°	384.5	42.9
20°-30°	276.8	30.9
30°-40°	57.6	6.4
40°-50°	5.3	0.6
50°-60°	2.2	0.2
60°-70°	1.7	0.2
70°-80°	1.1	0.1
80°-90°	0.3	0.0
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°	828.8	92.4
0°-40°	886.4	98.8
0°-60°	893.9	99.7
0°-90°	897.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	897.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1774	
5°	1776	168
15°	1399	384
25°	611	277
35°	74	58
45°	4	5
55°	3	2
65°	2	2
75°	1	1
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1773.5
2.5°	1774.2
5°	1776.2
7.5°	1763.5
10°	1701.9
12.5°	1573.5
15°	1398.9
17.5°	1220.3
20°	1040.3
22.5°	833.6
25°	610.8
27.5°	402.7
30°	242.8
32.5°	135.8
35°	73.6
37.5°	41.5
40°	21.4
42.5°	9.4
45°	4.0
47.5°	2.7
50°	2.7
52.5°	2.7
55°	2.7
57.5°	2.0
60°	2.0
62.5°	2.0
65°	2.0
67.5°	1.3
70°	1.3
72.5°	1.3
75°	1.3
77.5°	0.7
80°	0.7
82.5°	0.7
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)