

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: P1257549

Luminaire Tested: P3AS13R609040DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1257549
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-39)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R609040DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R60 optic, 4000K CCT AND, 90CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

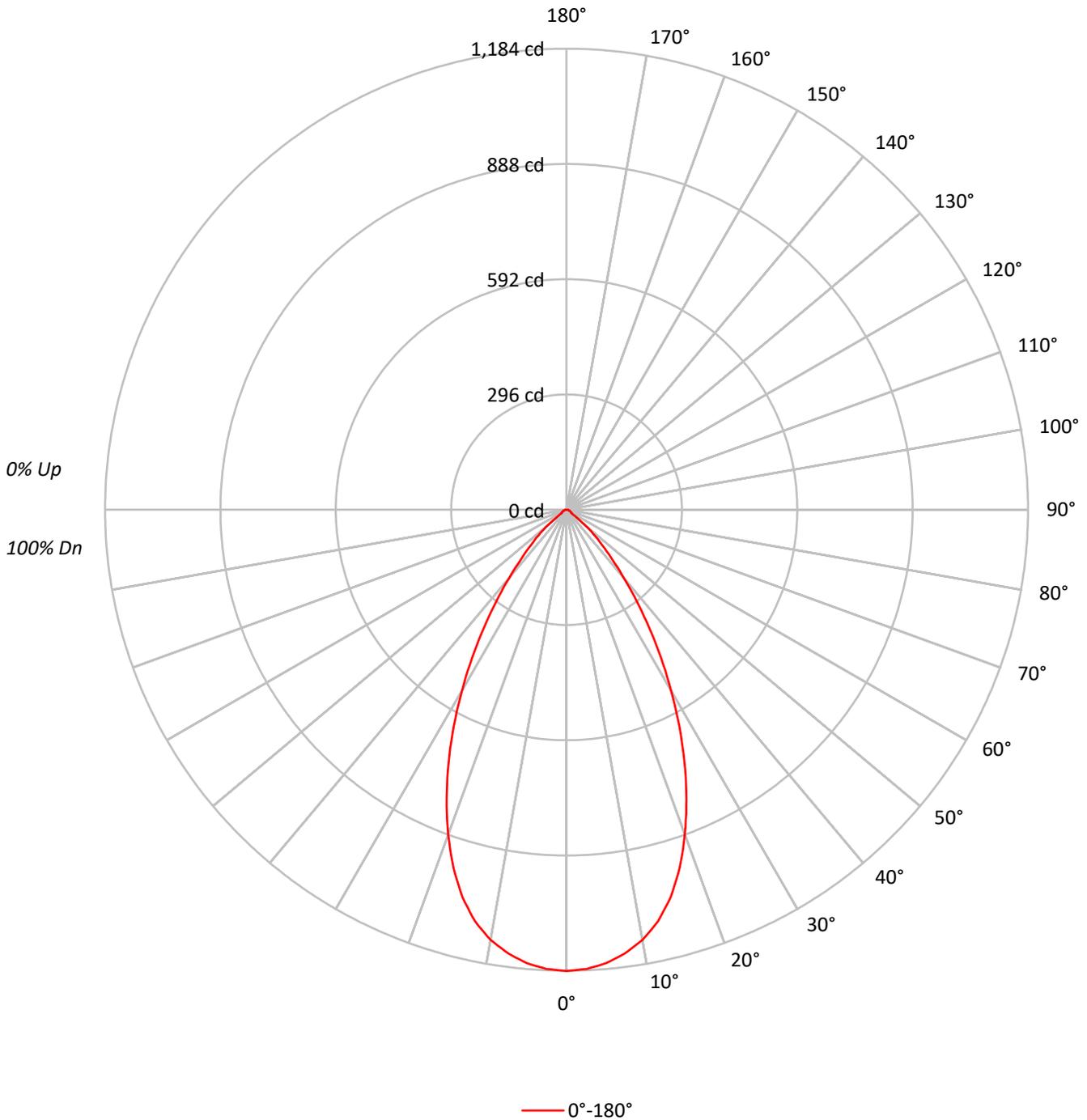
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1100.0 lumens
Efficiency: N/A
Efficacy: 75.3 lumens/watt
Spacing Criteria (0/90/45): 0.87 / 0.87 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
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			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			
1	113	110	108	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	85			
3	101	95	89	85	99	93	88	84	91	86	83	88	85	82	86	83	80	79			
4	96	88	82	78	94	87	81	77	85	80	76	83	79	75	81	77	75	73			
5	91	82	76	71	89	81	75	71	79	74	70	78	73	70	76	72	69	68			
6	86	77	70	66	84	76	70	66	74	69	65	73	68	65	72	68	64	63			
7	82	72	66	61	80	71	65	61	70	65	61	69	64	60	68	63	60	59			
8	77	68	61	57	76	67	61	57	66	60	57	65	60	56	64	59	56	55			
9	74	64	57	53	72	63	57	53	62	57	53	61	56	53	60	56	53	51			
10	70	60	54	50	69	60	54	50	59	53	50	58	53	50	57	53	49	48			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	259738
5°	257296
10°	249784
15°	234008
20°	207125
25°	173284
30°	135793
35°	98511
40°	65551
45°	40841
50°	22106
55°	6384
60°	5964
65°	5448
70°	5386
75°	5338
80°	5304
85°	5284

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 40841 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	110.1	10.0
10°-20°	286.0	26.0
20°-30°	326.0	29.6
30°-40°	231.2	21.0
40°-50°	104.9	9.5
50°-60°	22.2	2.0
60°-70°	10.7	1.0
70°-80°	6.6	0.6
80°-90°	2.3	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°	722.0	65.6
0°-40°	953.2	86.7
0°-60°	1080.4	98.2
0°-90°	1100.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1100.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1184	
5°	1169	110
15°	1031	286
25°	716	326
35°	368	231
45°	132	105
55°	17	22
65°	10	11
75°	6	7
85°	2	2
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	1184.5
2.5°	1180.4
5°	1168.9
7.5°	1149.0
10°	1121.8
12.5°	1083.1
15°	1030.8
17.5°	965.0
20°	887.6
22.5°	804.0
25°	716.2
27.5°	626.2
30°	536.3
32.5°	450.6
35°	368.0
37.5°	294.8
40°	229.0
42.5°	173.6
45°	131.7
47.5°	98.3
50°	64.8
52.5°	30.3
55°	16.7
57.5°	14.6
60°	13.6
62.5°	12.5
65°	10.5
67.5°	9.4
70°	8.4
72.5°	7.3
75°	6.3
77.5°	5.2
80°	4.2
82.5°	3.1
85°	2.1
87.5°	1.0
90°	0.0

(END OF REPORT)