

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: P1250500

Luminaire Tested: P3AS24R609027D010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1250500
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-38)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R609027D010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R60 optic, 2700K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

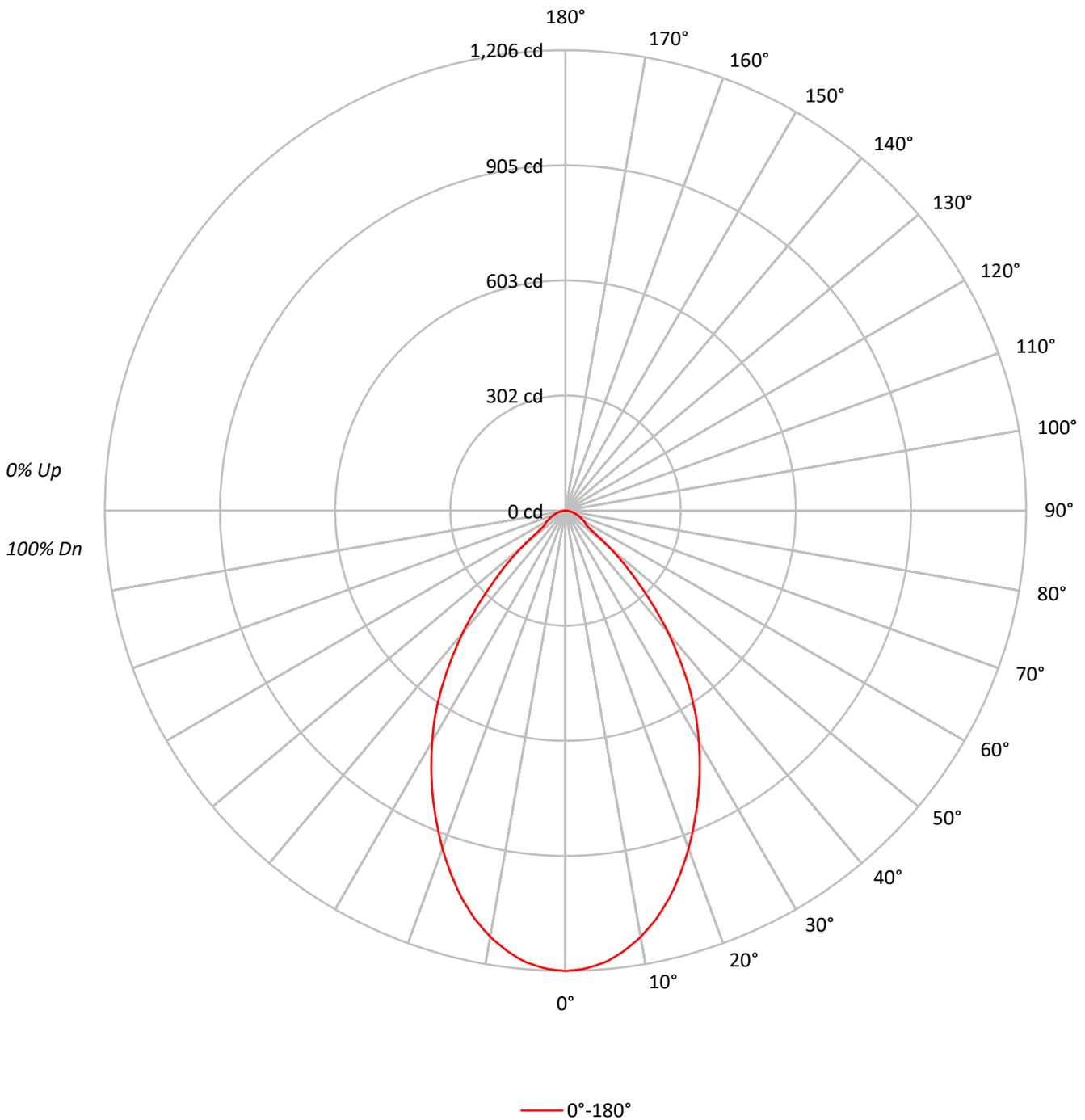
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1490.0 lumens
Efficiency: N/A
Efficacy: 51.7 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
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	112	109	106	103	110	107	104	101	102	100	98	99	97	95	95	94	93	91			
2	105	99	94	90	103	97	93	89	94	90	87	91	88	85	88	86	84	82			
3	99	91	85	80	96	89	84	79	87	82	78	84	80	77	82	78	76	74			
4	92	83	77	72	90	82	76	71	80	75	70	78	73	70	76	72	69	67			
5	87	77	70	65	85	76	69	65	74	68	64	72	67	63	71	66	63	61			
6	82	71	64	59	80	70	64	59	69	63	58	67	62	58	66	61	58	56			
7	77	66	59	54	75	65	59	54	64	58	54	63	57	53	61	57	53	51			
8	72	61	55	50	71	61	54	50	60	54	49	59	53	49	58	53	49	47			
9	68	57	51	46	67	57	50	46	56	50	46	55	49	46	54	49	45	44			
10	65	54	47	43	64	53	47	43	52	47	43	52	46	42	51	46	42	41			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	264496
5°	261523
10°	252478
15°	238526
20°	219866
25°	199076
30°	176736
35°	151032
40°	120082
45°	84691
50°	50591
55°	25576
60°	24603
65°	22519
70°	20901
75°	19910
80°	18310
85°	13586

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 84691 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	111.6	7.5
10°-20°	293.6	19.7
20°-30°	377.0	25.3
30°-40°	349.5	23.5
40°-50°	212.8	14.3
50°-60°	70.9	4.8
60°-70°	43.2	2.9
70°-80°	24.3	1.6
80°-90°	6.9	0.5
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°	782.3	52.5
0°-40°	1131.9	76.0
0°-60°	1415.6	95.0
0°-90°	1490.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1490.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1206	
5°	1188	112
15°	1051	294
25°	823	377
35°	564	350
45°	273	213
55°	67	71
65°	43	43
75°	24	24
85°	5	7
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	1206.2
2.5°	1200.8
5°	1188.1
7.5°	1164.6
10°	1133.9
12.5°	1095.9
15°	1050.7
17.5°	998.2
20°	942.2
22.5°	882.5
25°	822.8
27.5°	761.3
30°	698.0
32.5°	634.7
35°	564.2
37.5°	490.1
40°	419.5
42.5°	345.4
45°	273.1
47.5°	211.6
50°	148.3
52.5°	88.6
55°	66.9
57.5°	61.5
60°	56.1
62.5°	48.8
65°	43.4
67.5°	38.0
70°	32.6
72.5°	27.1
75°	23.5
77.5°	18.1
80°	14.5
82.5°	9.0
85°	5.4
87.5°	3.6
90°	0.0

(END OF REPORT)