

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: P1258527

Luminaire Tested: P3AS24R459040D010 E3DL1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1258527
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-27)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R459040D010 E3DL1LI
Description: 3in Adjustable LED luminaire with, R45 optic, 4000K CCT AND, 90CRI , E3DL1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

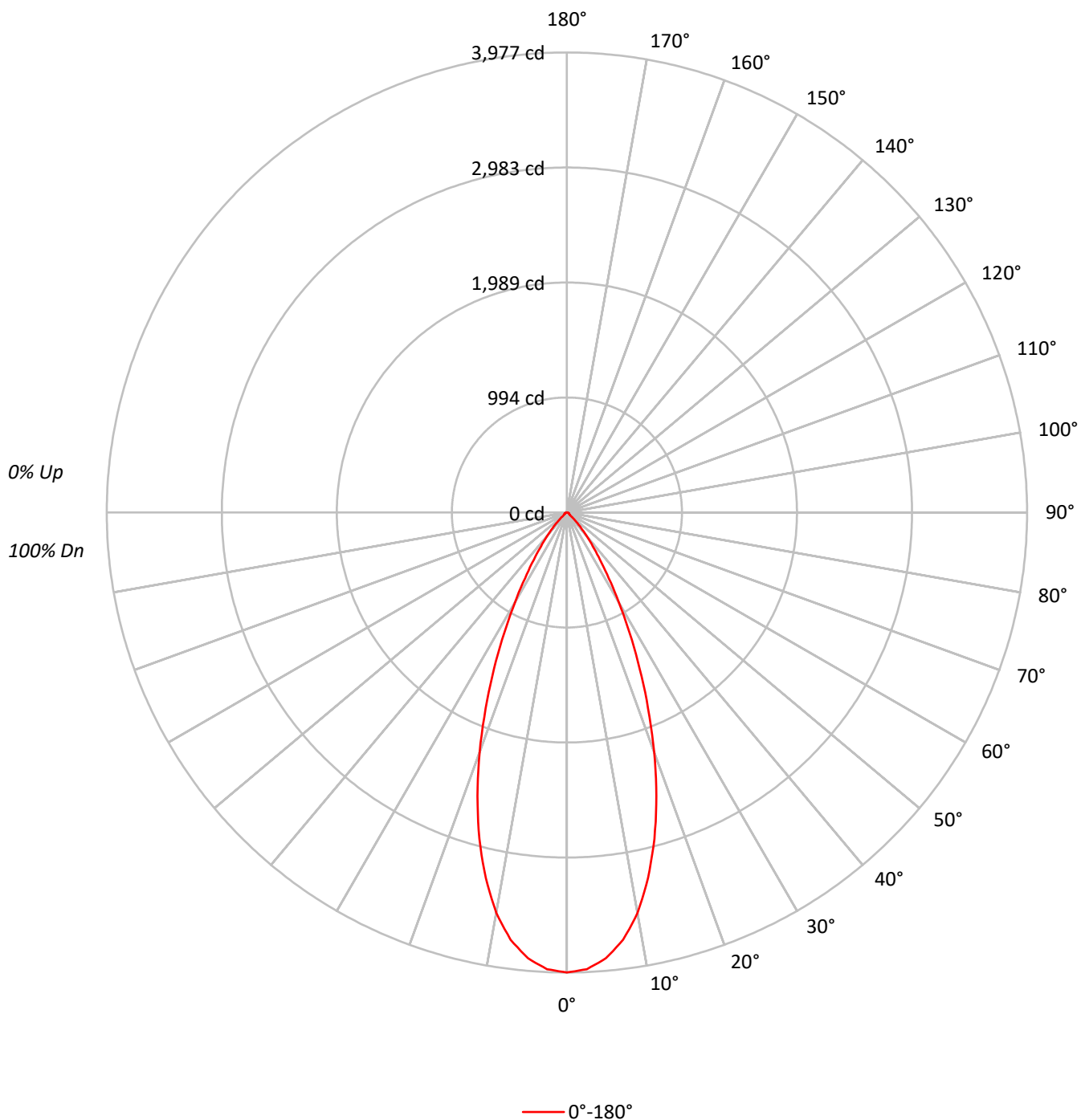
Lumens per Lamp: N/A
Luminaire Lumens: 2322.0 lumens
Efficiency: N/A
Efficacy: 80.6 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.69
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	114	111	109	107	111	109	107	105	105	103	102	101	100	99	98	97	96	94		
2	109	104	100	97	106	102	99	96	99	96	94	96	94	92	93	91	90	88		
3	104	98	93	89	102	96	92	88	94	90	87	91	88	86	89	86	84	83		
4	99	92	87	83	97	91	86	82	89	85	81	87	83	80	85	82	79	78		
5	94	87	81	77	93	86	81	77	84	80	76	82	79	76	81	78	75	74		
6	90	82	76	73	89	81	76	72	80	75	72	78	74	71	77	74	71	70		
7	86	78	72	68	85	77	72	68	76	71	68	75	71	67	74	70	67	66		
8	83	74	68	65	82	73	68	64	72	68	64	71	67	64	70	67	64	62		
9	79	70	65	61	78	70	65	61	69	64	61	68	64	61	67	63	61	59		
10	76	67	62	58	75	67	62	58	66	61	58	65	61	58	65	61	58	57		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	871992
5°	851550
10°	782796
15°	663273
20°	514615
25°	359730
30°	226617
35°	133418
40°	75484
45°	36717
50°	12759
55°	10322
60°	9999
65°	9703
70°	9296
75°	8811
80°	7829
85°	5284

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 36717 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	358.1	15.4
10°-20°	802.3	34.6
20°-30°	681.3	29.3
30°-40°	325.0	14.0
40°-50°	97.9	4.2
50°-60°	24.8	1.1
60°-70°	18.5	0.8
70°-80°	11.0	0.5
80°-90°	3.1	0.1
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°	1841.7	79.3
0°-40°	2166.8	93.3
0°-60°	2289.4	98.6
0°-90°	2322.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2322.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3977	
5°	3869	358
15°	2922	802
25°	1487	681
35°	498	325
45°	118	98
55°	27	25
65°	19	18
75°	10	11
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	3976.6
2.5°	3951.7
5°	3868.6
7.5°	3725.3
10°	3515.6
12.5°	3237.3
15°	2921.7
17.5°	2570.8
20°	2205.3
22.5°	1833.6
25°	1486.8
27.5°	1171.2
30°	895.0
32.5°	672.8
35°	498.4
37.5°	367.6
40°	263.7
42.5°	182.7
45°	118.4
47.5°	66.4
50°	37.4
52.5°	29.1
55°	27.0
57.5°	24.9
60°	22.8
62.5°	20.8
65°	18.7
67.5°	16.6
70°	14.5
72.5°	12.5
75°	10.4
77.5°	8.3
80°	6.2
82.5°	4.2
85°	2.1
87.5°	2.1
90°	0.0

(END OF REPORT)