

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: P1252975

Luminaire Tested: P3AS24R209030D010 E3DLD1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1252975
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-6)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R209030D010 E3DLD1LI
Description: 3in Adjustable LED luminaire with, R20 optic, 3000K CCT AND, 90CRI , E3DLD1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

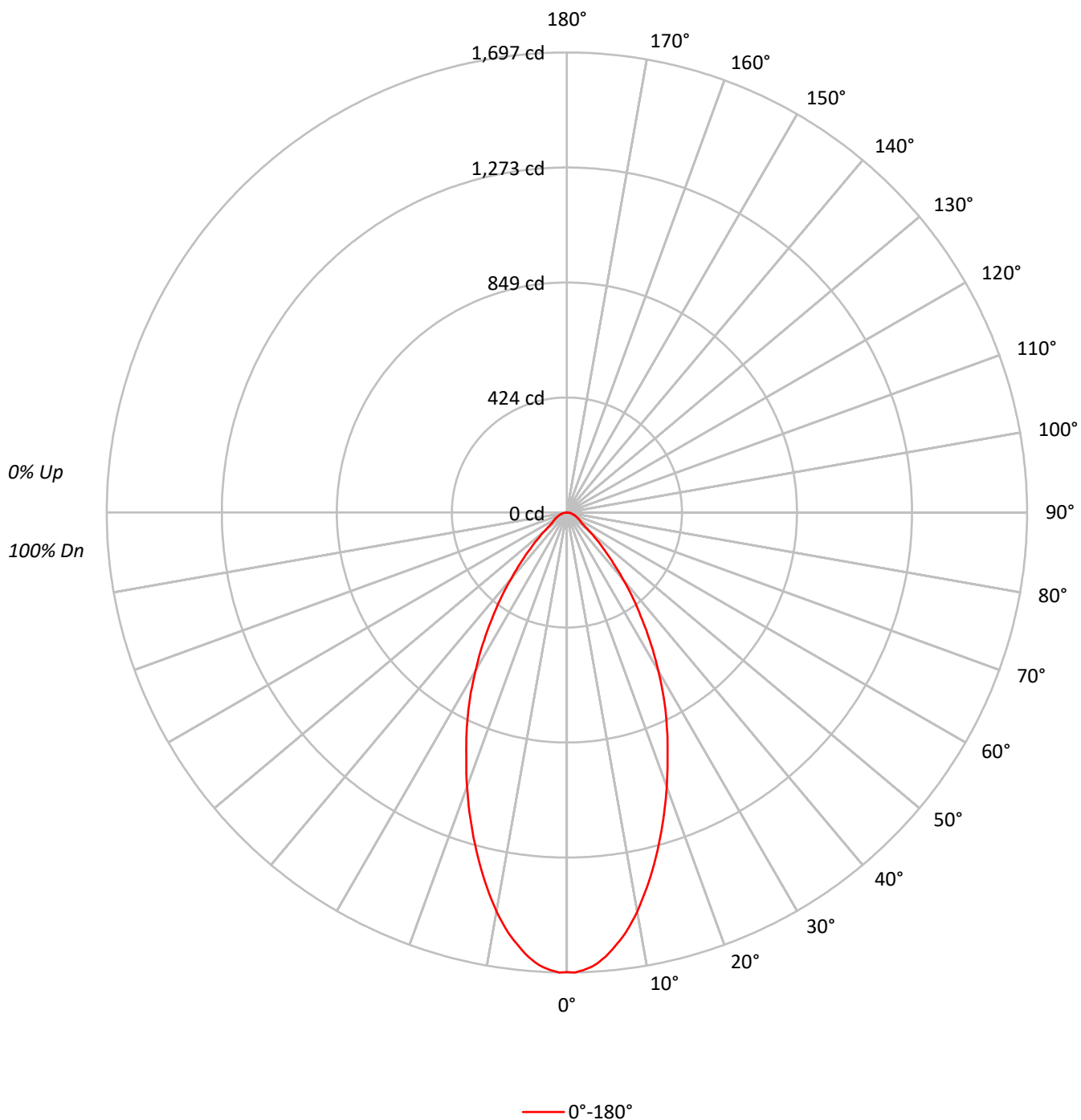
Lumens per Lamp: N/A
Luminaire Lumens: 1502.9 lumens
Efficiency: N/A
Efficacy: 52.2 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	113	109	106	104	110	107	105	102	103	101	99		99	98	96		96
2	106	100	96	92	104	99	94	91	95	92	89		92	89	87		90
3	100	93	87	82	98	91	86	82	88	84	80		86	82	79		84
4	94	86	79	75	92	85	79	74	82	77	73		80	76	72		78
5	89	80	73	68	87	79	73	68	77	71	67		75	70	67		73
6	84	74	68	63	82	73	67	63	72	66	62		70	65	62		69
7	80	69	63	58	78	69	62	58	67	62	58		66	61	57		65
8	75	65	59	54	74	64	58	54	63	58	54		62	57	53		61
9	72	61	55	50	70	61	55	50	60	54	50		59	54	50		58
10	68	58	51	47	67	57	51	47	56	51	47		56	51	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	371768
5°	361830
10°	332860
15°	292987
20°	251275
25°	211101
30°	170659
35°	129804
40°	92373
45°	60999
50°	37764
55°	24812
60°	22586
65°	20806
70°	19555
75°	17792
80°	16921
85°	14341

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 60999 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	152.1	10.1
10°-20°	359.3	23.9
20°-30°	398.8	26.5
30°-40°	304.2	20.2
40°-50°	155.8	10.4
50°-60°	64.0	4.3
60°-70°	39.9	2.7
70°-80°	22.4	1.5
80°-90°	6.5	0.4
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°	910.2	60.6
0°-40°	1214.4	80.8
0°-60°	1434.2	95.4
0°-90°	1502.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1502.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1695	
5°	1644	152
15°	1291	359
25°	872	399
35°	485	304
45°	197	156
55°	65	64
65°	40	40
75°	21	22
85°	6	6
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1695.4
1°	1697.3
2°	1689.7
3°	1680.1
4°	1664.8
5°	1643.8
6°	1619.0
7°	1592.3
8°	1563.7
9°	1529.3
10°	1494.9
12.5°	1395.6
15°	1290.6
17.5°	1183.7
20°	1076.8
22.5°	969.9
25°	872.5
27.5°	775.1
30°	674.0
32.5°	578.5
35°	484.9
37.5°	402.8
40°	322.7
42.5°	253.9
45°	196.7
47.5°	148.9
50°	110.7
52.5°	82.1
55°	64.9
57.5°	59.2
60°	51.5
62.5°	45.8
65°	40.1
67.5°	34.4
70°	30.5
72.5°	24.8
75°	21.0
77.5°	17.2
80°	13.4
82.5°	9.5
85°	5.7
87.5°	1.9
90°	0.0

(END OF REPORT)