

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: P1253260

Luminaire Tested: P3AS24R709030D010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1253260
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-45)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R709030D010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R70 optic, 3000K CCT AND, 90CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

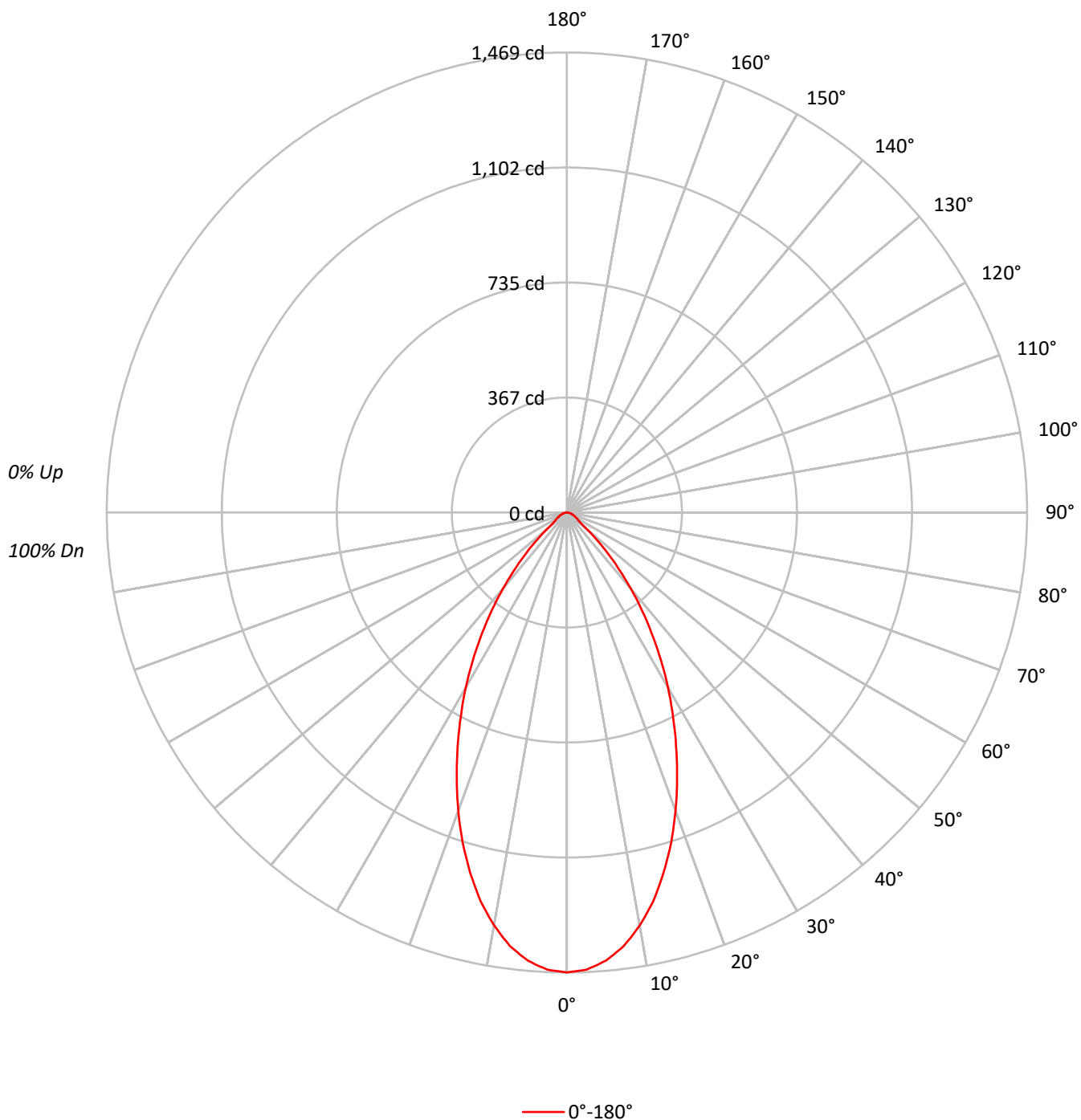
Lumens per Lamp: N/A
Luminaire Lumens: 1373.0 lumens
Efficiency: N/A
Efficacy: 47.7 lumens/watt
Spacing Criteria (0/90/45): 0.82 / 0.82 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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					30					10					0
RW	70	50	30	10	70	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	107	104	110	107	105	103	103	101	100	100	98	97	96	95	94			92
2	106	101	97	93	104	99	95	92	96	93	90	93	90	88	90	88	86			84
3	100	93	88	83	98	92	87	83	89	85	81	87	83	80	84	81	79			77
4	95	86	80	76	93	85	80	75	83	78	74	81	77	73	79	76	73			71
5	89	80	74	69	88	79	73	69	78	72	68	76	71	68	74	70	67			65
6	85	75	68	64	83	74	68	64	73	67	63	71	66	63	70	65	62			61
7	80	70	64	59	79	69	63	59	68	62	58	67	62	58	66	61	58			56
8	76	66	59	55	75	65	59	55	64	58	54	63	58	54	62	57	54			52
9	72	62	55	51	71	61	55	51	60	55	51	59	54	51	58	54	50			49
10	69	58	52	48	67	58	52	48	57	51	48	56	51	48	55	51	47			46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	322058
5°	316134
10°	298102
15°	270535
20°	236644
25°	199632
30°	163443
35°	126779
40°	90741
45°	57463
50°	28656
55°	17510
60°	15087
65°	13854
70°	12246
75°	11353
80°	9597
85°	9561

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 57463 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	134.0	9.8
10°-20°	331.6	24.2
20°-30°	377.7	27.5
30°-40°	295.3	21.5
40°-50°	145.1	10.6
50°-60°	44.6	3.2
60°-70°	26.4	1.9
70°-80°	14.1	1.0
80°-90°	4.1	0.3
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°	843.3	61.4
0°-40°	1138.6	82.9
0°-60°	1328.3	96.7
0°-90°	1373.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1373.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1469	
5°	1436	134
15°	1192	332
25°	825	378
35°	474	295
45°	185	145
55°	46	45
65°	27	26
75°	13	14
85°	4	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1468.7
2.5°	1461.0
5°	1436.2
7.5°	1396.1
10°	1338.8
12.5°	1272.0
15°	1191.7
17.5°	1105.8
20°	1014.1
22.5°	918.6
25°	825.1
27.5°	733.4
30°	645.5
32.5°	557.7
35°	473.6
37.5°	393.4
40°	317.0
42.5°	246.4
45°	185.3
47.5°	129.9
50°	84.0
52.5°	55.4
55°	45.8
57.5°	40.1
60°	34.4
62.5°	30.6
65°	26.7
67.5°	22.9
70°	19.1
72.5°	15.3
75°	13.4
77.5°	11.5
80°	7.6
82.5°	5.7
85°	3.8
87.5°	1.9
90°	0.0

(END OF REPORT)