

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: P1253054

Luminaire Tested: P3AS24R359030D010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1253054
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-19)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R359030D010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 90CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

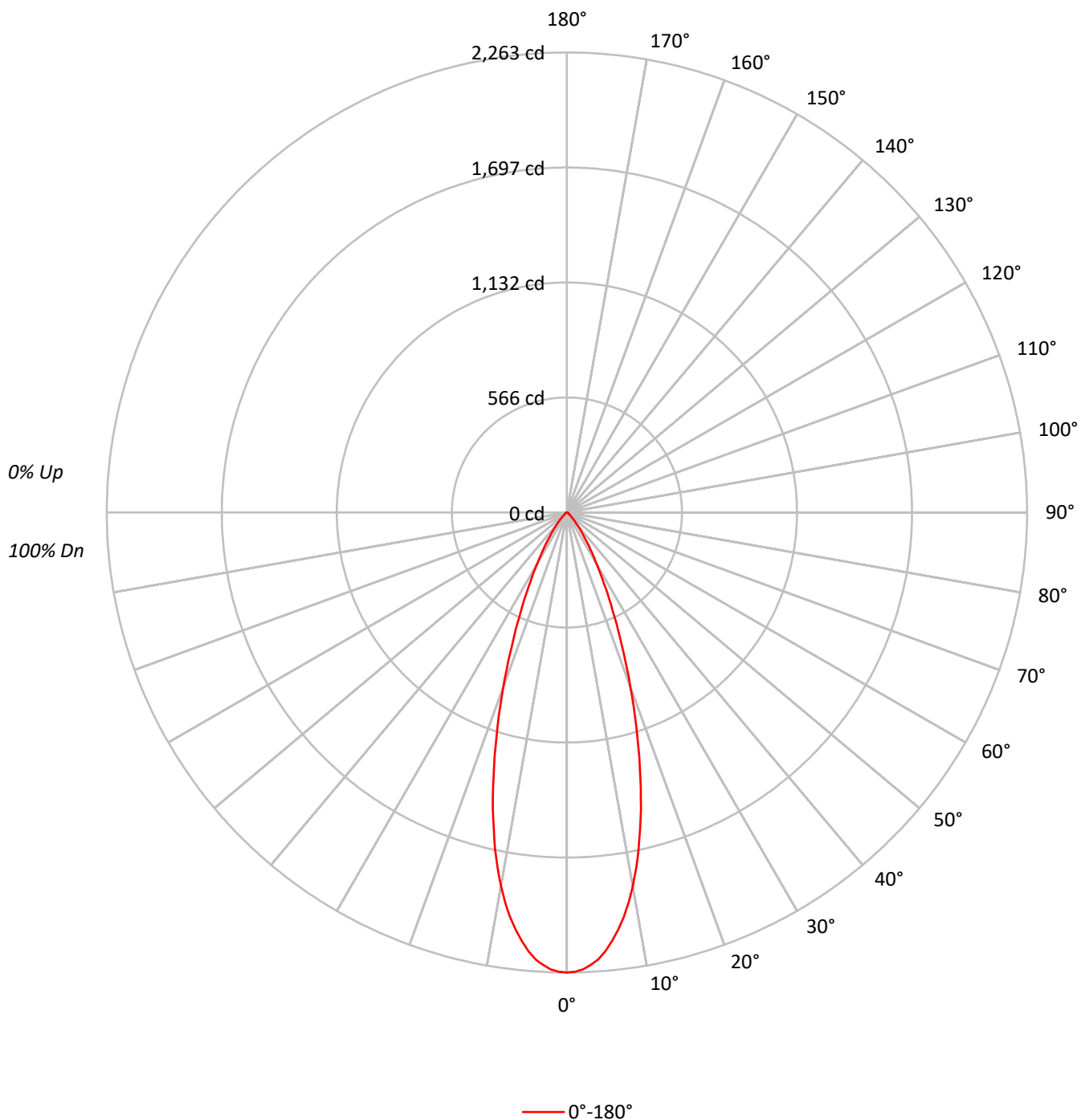
Lumens per Lamp: N/A
Luminaire Lumens: 984.0 lumens
Efficiency: N/A
Efficacy: 34.2 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.58
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	114	112	109	107	112	109	107	106	105	104	102		102	100	99		98
2	109	105	101	98	107	103	100	97	100	97	95		97	95	93		94
3	105	99	95	91	103	98	94	90	95	92	89		93	90	88		91
4	100	94	89	85	99	93	88	85	91	87	84		89	85	83		87
5	96	89	84	80	95	88	83	80	86	82	79		85	81	78		83
6	92	85	80	76	91	84	79	76	83	78	75		81	77	75		80
7	89	81	76	72	88	80	75	72	79	75	71		78	74	71		77
8	85	77	72	69	84	77	72	68	76	71	68		75	71	68		74
9	82	74	69	66	81	74	69	65	73	68	65		72	68	65		71
10	79	71	66	63	78	71	66	63	70	66	63		69	65	62		69

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	496276
5°	476952
10°	415579
15°	318299
20°	212959
25°	128862
30°	73935
35°	41332
40°	21984
45°	11319
50°	5424
55°	4282
60°	4122
65°	3424
70°	3590
75°	3135
80°	3536
85°	2264

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 11319 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	197.2	20.0
10°-20°	382.0	38.8
20°-30°	250.1	25.4
30°-40°	101.5	10.3
40°-50°	30.5	3.1
50°-60°	10.3	1.1
60°-70°	6.9	0.7
70°-80°	4.1	0.4
80°-90°	1.4	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°	829.3	84.3
0°-40°	930.8	94.6
0°-60°	971.6	98.7
0°-90°	984.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	984.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2263	
5°	2167	197
15°	1402	382
25°	533	250
35°	154	101
45°	36	30
55°	11	10
65°	7	7
75°	4	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	2263.2
1°	2259.5
2°	2249.2
3°	2228.6
4°	2204.3
5°	2166.8
6°	2120.0
7°	2067.6
8°	2008.7
9°	1941.3
10°	1866.4
11°	1783.1
12°	1696.0
13°	1598.7
14°	1506.0
15°	1402.1
17.5°	1150.3
20°	912.6
22.5°	702.0
25°	532.6
27.5°	396.9
30°	292.0
32.5°	214.3
35°	154.4
37.5°	109.5
40°	76.8
42.5°	53.4
45°	36.5
47.5°	24.3
50°	15.9
52.5°	12.2
55°	11.2
57.5°	10.3
60°	9.4
62.5°	8.4
65°	6.6
67.5°	5.6
70°	5.6
72.5°	4.7
75°	3.7
77.5°	2.8
80°	2.8
82.5°	1.9
85°	0.9
87.5°	0.9



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)