

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: P1258452

Luminaire Tested: P3AS24R309040D010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1258452
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-13)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R309040D010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R30 optic, 4000K CCT AND, 90CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

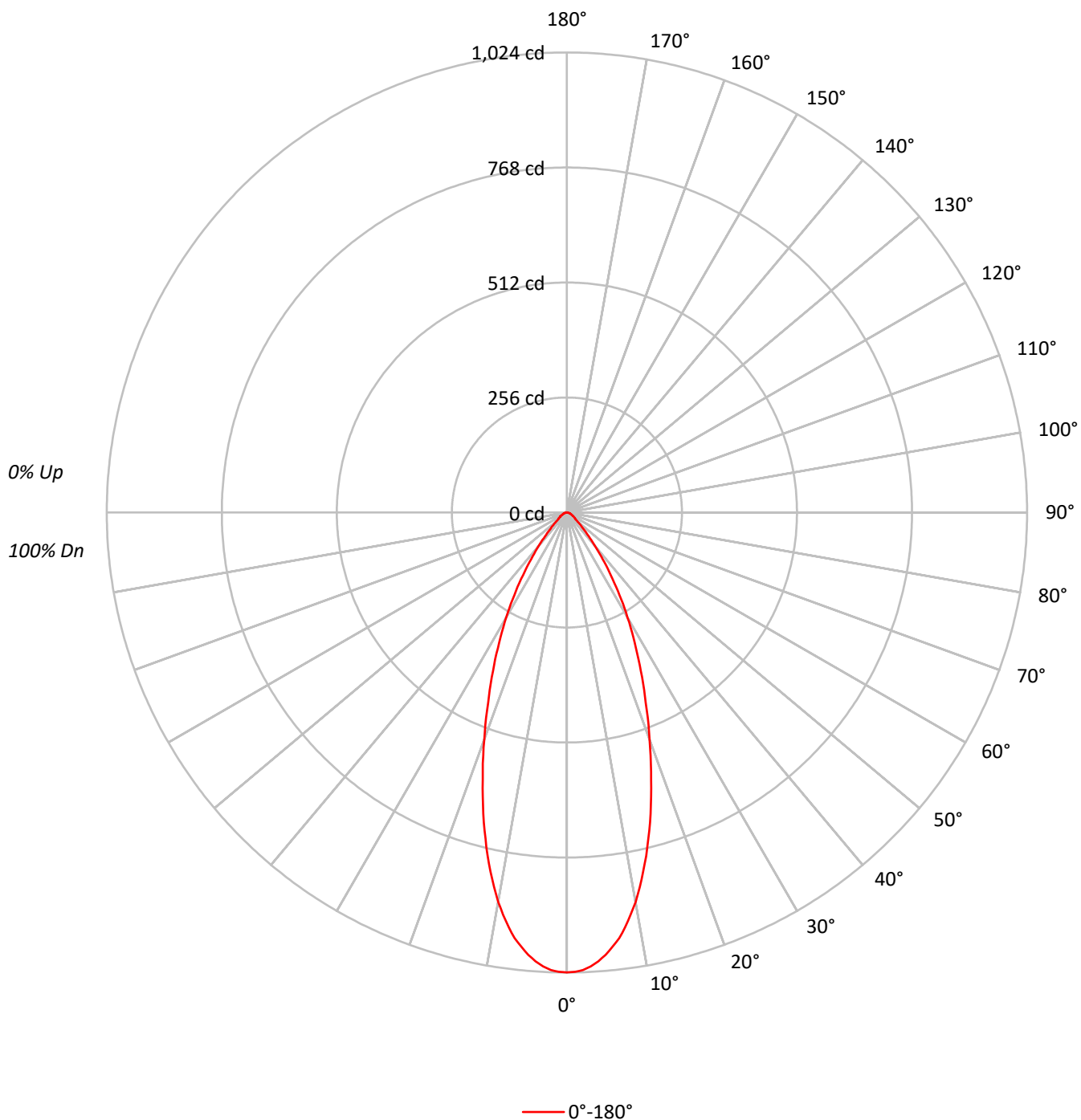
Lumens per Lamp: N/A
Luminaire Lumens: 656.9 lumens
Efficiency: N/A
Efficacy: 22.8 lumens/watt
Spacing Criteria (0/90/45): 0.66 / 0.66 / 0.7
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	110	108	105	111	108	106	104	104	102	100		100	99	97		97
2	107	102	98	95	105	101	97	94	97	94	92		94	92	90		92
3	102	95	90	86	100	94	89	85	91	87	84		89	86	83		87
4	97	89	84	79	95	88	83	79	86	81	78		84	80	77		82
5	92	84	78	73	90	83	77	73	81	76	72		79	75	72		78
6	88	79	73	68	86	78	72	68	76	71	68		75	71	67		74
7	83	74	68	64	82	74	68	64	72	67	63		71	67	63		70
8	80	70	64	60	78	70	64	60	69	63	60		67	63	60		67
9	76	67	61	57	75	66	60	57	65	60	56		64	60	56		63
10	73	63	58	54	72	63	57	54	62	57	54		61	57	53		61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	224500
5°	217521
10°	195988
15°	162112
20°	125521
25°	94167
30°	68365
35°	45534
40°	27995
45°	16436
50°	10064
55°	8181
60°	7149
65°	5811
70°	5257
75°	5168
80°	3915
85°	5032

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 16436 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	90.9	13.8
10°-20°	196.7	29.9
20°-30°	178.9	27.2
30°-40°	108.2	16.5
40°-50°	43.4	6.6
50°-60°	19.2	2.9
60°-70°	11.6	1.8
70°-80°	6.3	1.0
80°-90°	1.8	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°	466.5	71.0
0°-40°	574.7	87.5
0°-60°	637.3	97.0
0°-90°	656.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	656.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1024	
5°	988	91
15°	714	197
25°	389	179
35°	170	108
45°	53	43
55°	21	19
65°	11	12
75°	6	6
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1023.8
1°	1022.8
2°	1018.8
3°	1011.6
4°	1001.4
5°	988.2
6°	971.9
7°	954.6
8°	932.2
9°	906.7
10°	880.2
11°	849.6
12°	817.0
13°	784.4
14°	748.8
15°	714.1
17.5°	623.5
20°	537.9
22.5°	458.4
25°	389.2
27.5°	326.0
30°	270.0
32.5°	218.0
35°	170.1
37.5°	130.4
40°	97.8
42.5°	71.3
45°	53.0
47.5°	39.7
50°	29.5
52.5°	23.4
55°	21.4
57.5°	18.3
60°	16.3
62.5°	13.2
65°	11.2
67.5°	10.2
70°	8.2
72.5°	7.1
75°	6.1
77.5°	5.1
80°	3.1
82.5°	2.0
85°	2.0
87.5°	1.0



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)