

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: P1258500

Luminaire Tested: P3AS24R409040D010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1258500
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-23)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R409040D010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R40 optic, 4000K CCT AND, 90CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

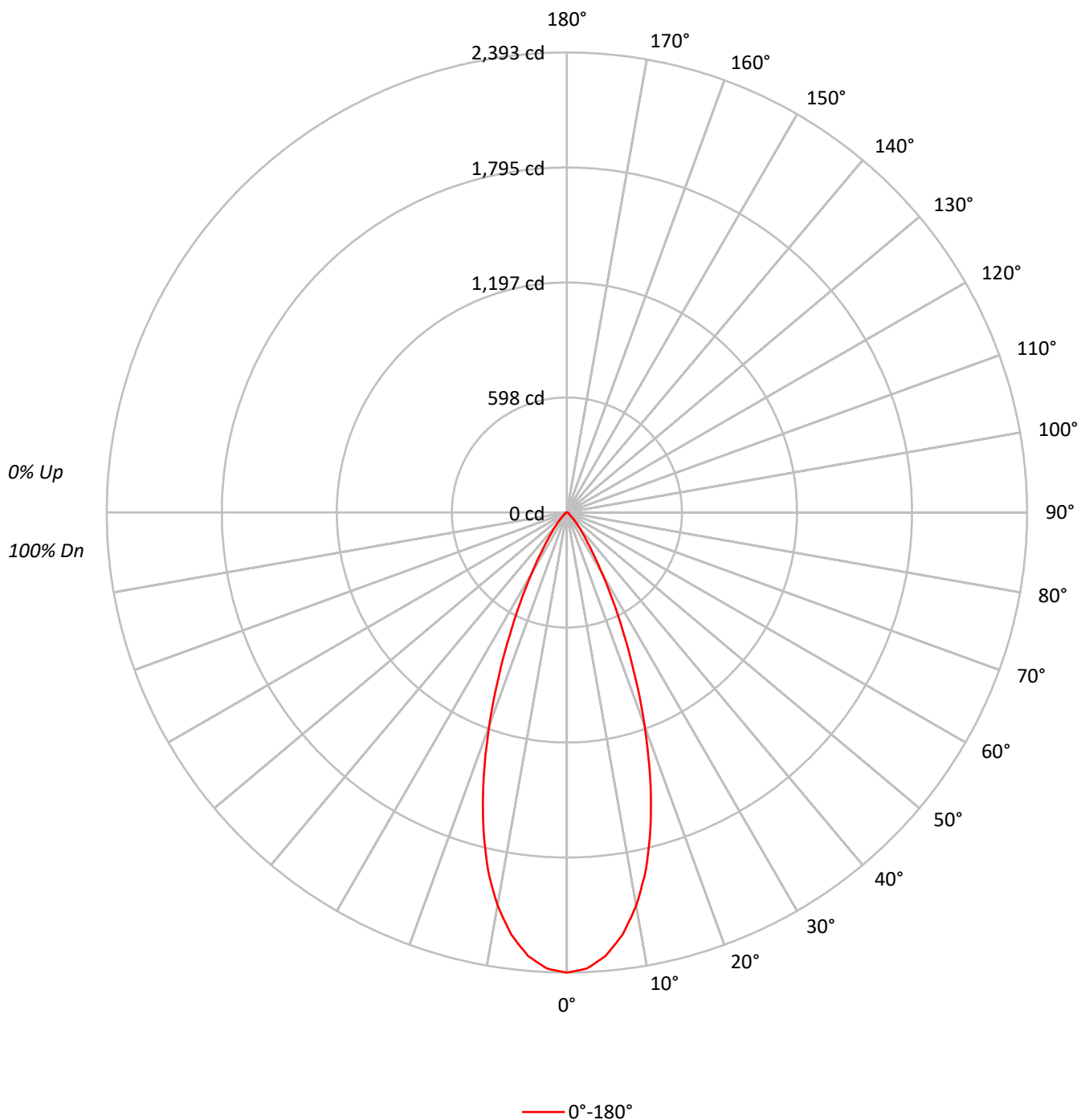
Lumens per Lamp: N/A
Luminaire Lumens: 1186.0 lumens
Efficiency: N/A
Efficacy: 41.2 lumens/watt
Spacing Criteria (0/90/45): 0.65 / 0.65 / 0.63
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	111	109	107	112	109	107	105	105	104	102		102	100	99		98
2	109	105	101	98	107	103	100	97	100	97	95		97	95	93		94
3	104	99	94	91	102	97	93	90	95	91	88		92	89	87		90
4	100	93	88	85	98	92	88	84	90	86	83		88	85	82		86
5	96	88	83	79	94	88	83	79	86	82	78		84	81	78		83
6	92	84	79	75	91	83	78	75	82	78	74		81	77	74		79
7	88	80	75	71	87	79	74	71	78	74	71		77	73	70		76
8	85	76	71	68	84	76	71	67	75	70	67		74	70	67		73
9	82	73	68	64	81	73	68	64	72	67	64		71	67	64		70
10	78	70	65	62	78	70	65	61	69	64	61		68	64	61		67

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	524804
5°	509552
10°	462405
15°	382000
20°	275567
25°	170429
30°	92267
35°	47676
40°	25934
45°	14513
50°	7300
55°	5467
60°	4912
65°	4774
70°	4552
75°	4321
80°	3915
85°	2516

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 14513 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	213.4	18.0
10°-20°	458.2	38.6
20°-30°	327.0	27.6
30°-40°	120.4	10.1
40°-50°	37.9	3.2
50°-60°	13.2	1.1
60°-70°	9.1	0.8
70°-80°	5.4	0.5
80°-90°	1.5	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°	998.6	84.2
0°-40°	1118.9	94.3
0°-60°	1170.0	98.7
0°-90°	1186.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1186.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2393	
5°	2315	213
15°	1683	458
25°	704	327
35°	178	120
45°	47	38
55°	14	13
65°	9	9
75°	5	5
85°	1	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	2393.3
2.5°	2374.9
5°	2314.9
7.5°	2215.1
10°	2076.7
12.5°	1900.6
15°	1682.7
17.5°	1438.4
20°	1180.9
22.5°	927.4
25°	704.4
27.5°	517.1
30°	364.4
32.5°	255.5
35°	178.1
37.5°	126.2
40°	90.6
42.5°	65.2
45°	46.8
47.5°	31.6
50°	21.4
52.5°	15.3
55°	14.3
57.5°	13.2
60°	11.2
62.5°	10.2
65°	9.2
67.5°	8.1
70°	7.1
72.5°	6.1
75°	5.1
77.5°	4.1
80°	3.1
82.5°	2.0
85°	1.0
87.5°	1.0
90°	0.0

(END OF REPORT)