

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: P1252649

Luminaire Tested: P3AS20R259030D010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1252649
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-11)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R259030D010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 90CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

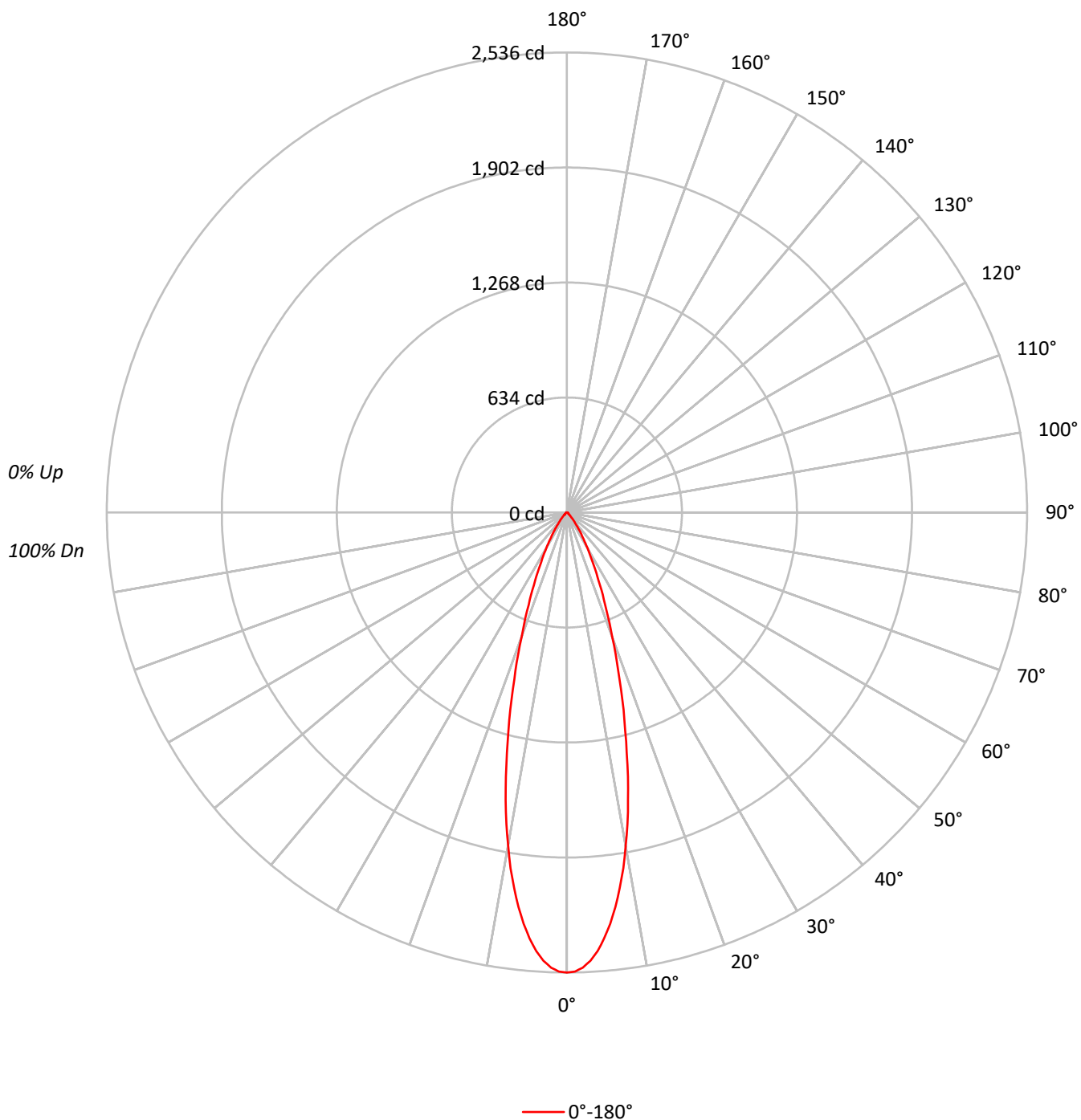
Lumens per Lamp: N/A
Luminaire Lumens: 867.0 lumens
Efficiency: N/A
Efficacy: 30.1 lumens/watt
Spacing Criteria (0/90/45): 0.49 / 0.49 / 0.51
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	110	108	112	110	108	106	106	104	103		102	101	100		99
2	110	105	102	99	107	104	101	98	101	98	96		98	96	94		95
3	105	100	96	92	103	98	95	91	96	93	90		94	91	89		91
4	101	95	90	87	99	94	89	86	92	88	85		90	87	84		88
5	97	90	85	82	96	89	85	81	88	84	81		86	83	80		85
6	94	86	81	78	92	86	81	78	84	80	77		83	79	77		82
7	90	83	78	74	89	82	77	74	81	77	74		80	76	73		79
8	87	79	74	71	86	79	74	71	78	74	71		77	73	70		76
9	84	76	71	68	83	76	71	68	75	71	68		74	70	68		73
10	81	73	69	65	80	73	68	65	72	68	65		72	68	65		71

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	556140
5°	518885
10°	415668
15°	282136
20°	170722
25°	99828
30°	56844
35°	31266
40°	16603
45°	8745
50°	5083
55°	3785
60°	3289
65°	3424
70°	3206
75°	2796
80°	2147
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 8745 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	209.2	24.1
10°-20°	341.7	39.4
20°-30°	195.2	22.5
30°-40°	77.0	8.9
40°-50°	23.6	2.7
50°-60°	9.3	1.1
60°-70°	6.3	0.7
70°-80°	3.5	0.4
80°-90°	1.1	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°	746.1	86.1
0°-40°	823.1	94.9
0°-60°	856.1	98.7
0°-90°	867.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	867.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2536	
5°	2357	209
15°	1243	342
25°	413	195
35°	117	77
45°	28	24
55°	10	9
65°	7	6
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	2536.2
1°	2531.3
2°	2510.6
3°	2474.1
4°	2423.6
5°	2357.3
6°	2279.4
7°	2191.6
8°	2089.6
9°	1985.2
10°	1866.8
11°	1749.9
12°	1621.5
13°	1494.7
14°	1364.6
15°	1242.8
17.5°	963.6
20°	731.6
22.5°	549.3
25°	412.6
27.5°	305.7
30°	224.5
32.5°	162.4
35°	116.8
37.5°	82.9
40°	58.0
42.5°	39.8
45°	28.2
47.5°	19.9
50°	14.9
52.5°	11.6
55°	9.9
57.5°	9.1
60°	7.5
62.5°	6.6
65°	6.6
67.5°	5.8
70°	5.0
72.5°	4.1
75°	3.3
77.5°	2.5
80°	1.7
82.5°	1.7
85°	0.8
87.5°	0.8



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)