

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: P1268334

Luminaire Tested: P3AS20R609735D010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1268334
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-39)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R609735D010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R60 optic, 3500K CCT AND, 97CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

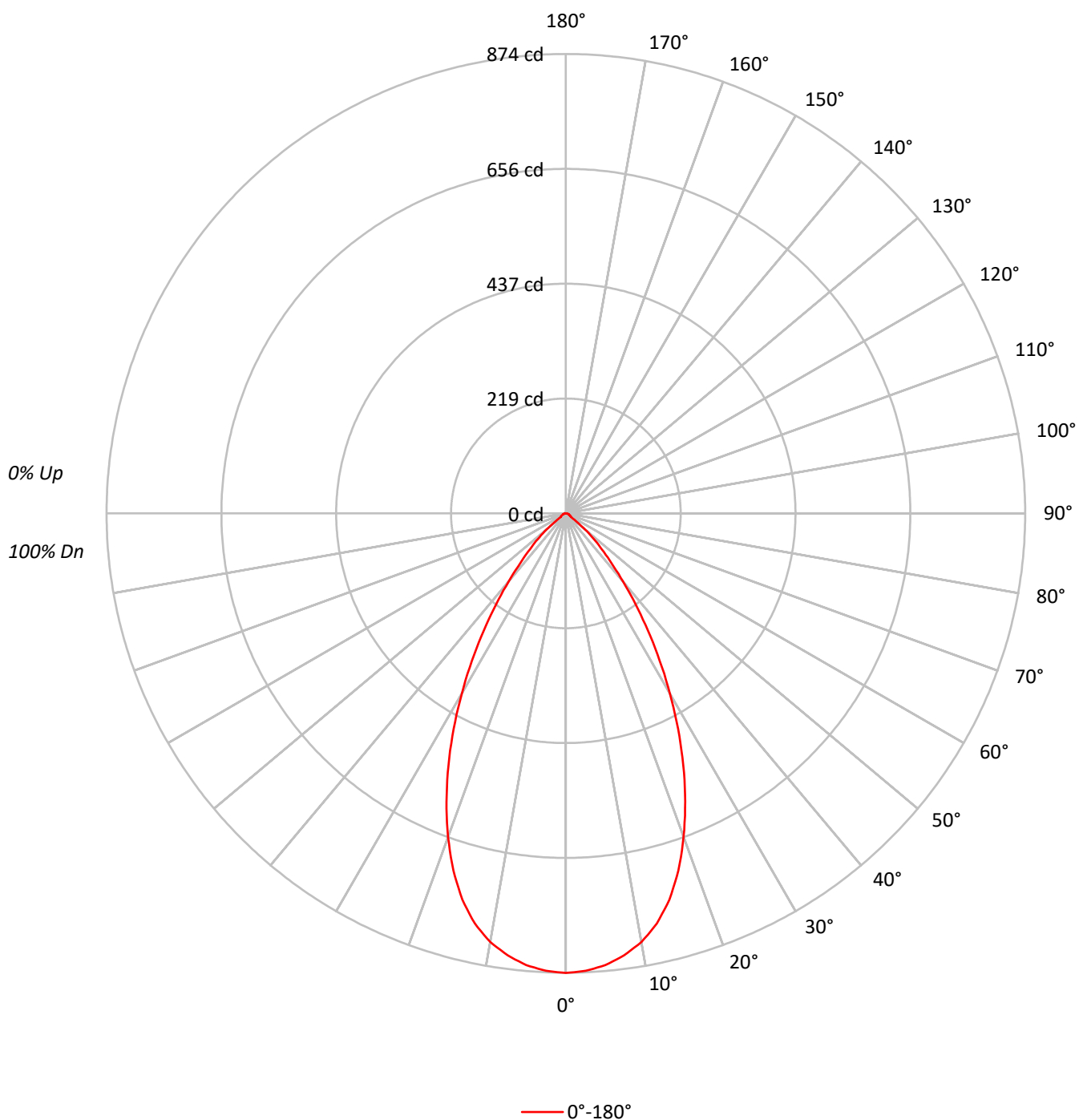
Lumens per Lamp: N/A
Luminaire Lumens: 812.0 lumens
Efficiency: N/A
Efficacy: 28.2 lumens/watt
Spacing Criteria (0/90/45): 0.87 / 0.87 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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				50				30				0
RW	70	50	30	10	70	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		100
1	113	110	108	105	111	108	106	103	104	102	100		100	99	97		93
2	107	102	98	94	105	100	96	93	97	94	91		94	91	89		85
3	101	95	89	85	99	93	88	84	91	86	83		88	85	82		79
4	96	88	82	78	94	87	81	77	85	80	76		83	79	75		73
5	91	82	76	71	89	81	75	71	79	74	70		78	73	70		68
6	86	77	70	66	84	76	70	66	74	69	65		73	68	65		63
7	82	72	66	61	80	71	65	61	70	65	61		69	64	60		59
8	77	68	61	57	76	67	61	57	66	60	57		65	60	56		55
9	74	64	57	53	72	63	57	53	62	57	53		61	56	53		51
10	70	60	54	50	69	60	54	50	59	53	50		58	53	50		48

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	191739
5°	189918
10°	184388
15°	172759
20°	152893
25°	127919
30°	100243
35°	72732
40°	48376
45°	30143
50°	16307
55°	4702
60°	4386
65°	3995
70°	3975
75°	3897
80°	3915
85°	3774

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 30143 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	81.2	10.0
10°-20°	211.1	26.0
20°-30°	240.6	29.6
30°-40°	170.6	21.0
40°-50°	77.4	9.5
50°-60°	16.4	2.0
60°-70°	7.9	1.0
70°-80°	4.9	0.6
80°-90°	1.7	0.2
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°	533.0	65.6
0°-40°	703.7	86.7
0°-60°	797.5	98.2
0°-90°	812.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	812.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	874	
5°	863	81
15°	761	211
25°	529	241
35°	272	171
45°	97	77
55°	12	16
65°	8	8
75°	5	5
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	874.4
2.5°	871.3
5°	862.8
7.5°	848.2
10°	828.1
12.5°	799.5
15°	761.0
17.5°	712.3
20°	655.2
22.5°	593.5
25°	528.7
27.5°	462.3
30°	395.9
32.5°	332.6
35°	271.7
37.5°	217.6
40°	169.0
42.5°	128.1
45°	97.2
47.5°	72.5
50°	47.8
52.5°	22.4
55°	12.3
57.5°	10.8
60°	10.0
62.5°	9.3
65°	7.7
67.5°	6.9
70°	6.2
72.5°	5.4
75°	4.6
77.5°	3.9
80°	3.1
82.5°	2.3
85°	1.5
87.5°	0.8
90°	0.0

(END OF REPORT)