

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: P1274909

Luminaire Tested: P3AS20R659830D010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1274909
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-43)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R659830D010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R65 optic, 3000K CCT AND, 98CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

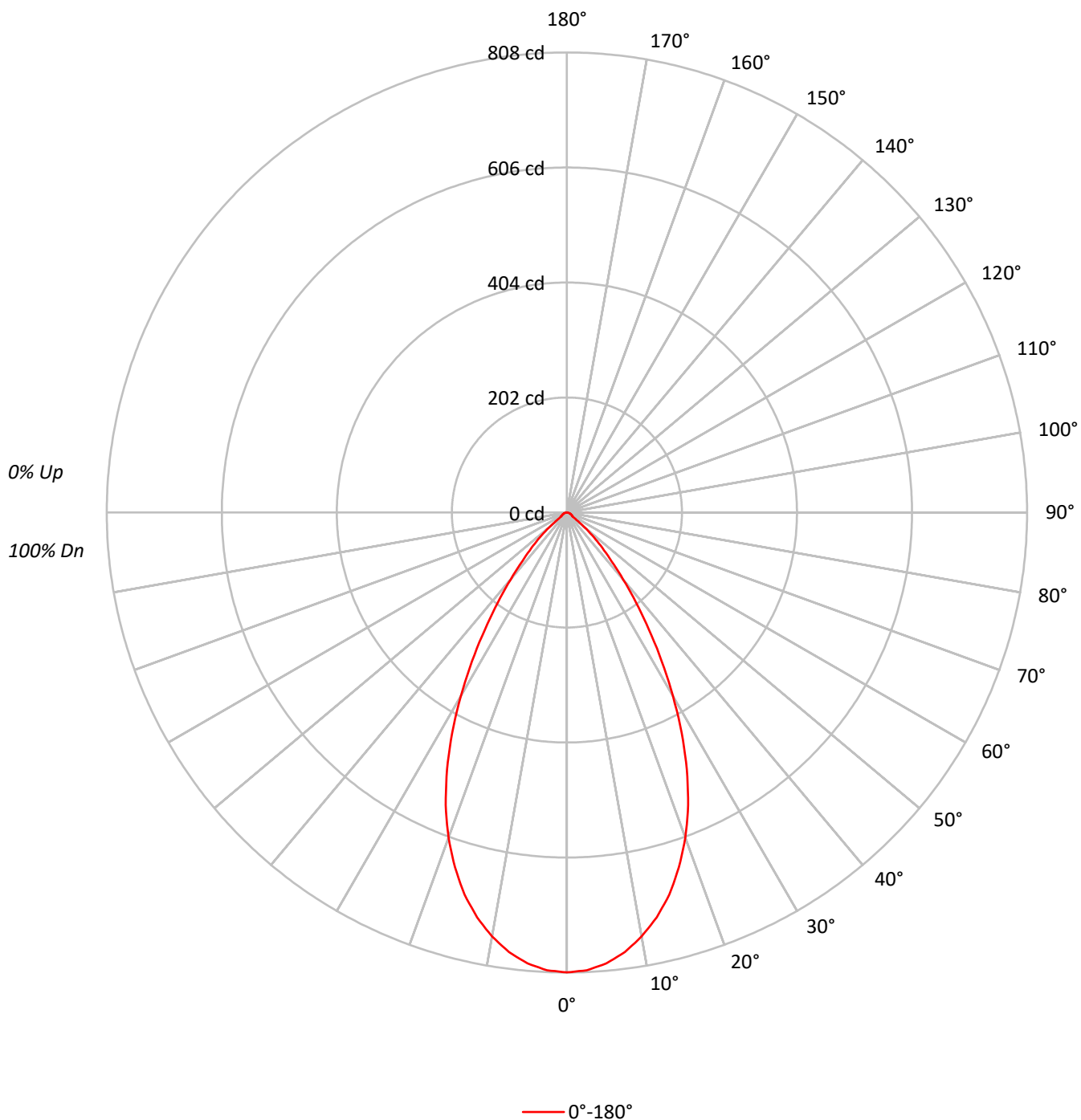
Lumens per Lamp: N/A
Luminaire Lumens: 750.9 lumens
Efficiency: N/A
Efficacy: 27.4 lumens/watt
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 27.4
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	107	105	111	108	106	103	104	102	100		100	99	97		97
2	107	102	98	94	105	100	96	93	97	94	91		94	91	89		91
3	101	95	89	85	99	93	88	84	90	86	83		88	85	82		86
4	96	88	82	78	94	87	81	77	85	80	76		83	79	75		81
5	91	82	76	71	89	81	75	71	79	74	70		77	73	70		76
6	86	77	70	66	84	76	70	66	74	69	65		73	68	65		72
7	82	72	66	61	80	71	65	61	70	64	61		69	64	60		67
8	77	67	61	57	76	67	61	57	66	60	57		65	60	56		64
9	74	64	57	53	72	63	57	53	62	57	53		61	56	53		60
10	70	60	54	50	69	60	54	50	59	53	50		58	53	50		57

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	177113
5°	174972
10°	168334
15°	157685
20°	141832
25°	120442
30°	94192
35°	67137
40°	43939
45°	27166
50°	13782
55°	4855
60°	4254
65°	4255
70°	3847
75°	3813
80°	3788
85°	3774

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 27166 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	74.6	9.9
10°-20°	193.3	25.7
20°-30°	225.9	30.1
30°-40°	157.9	21.0
40°-50°	69.5	9.3
50°-60°	15.5	2.1
60°-70°	7.9	1.0
70°-80°	4.7	0.6
80°-90°	1.6	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°	493.9	65.8
0°-40°	651.8	86.8
0°-60°	736.8	98.1
0°-90°	750.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	750.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	808	
5°	795	75
15°	695	193
25°	498	226
35°	251	158
45°	88	70
55°	13	15
65°	8	8
75°	4	5
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	807.7
2.5°	804.7
5°	794.9
7.5°	778.5
10°	756.0
12.5°	728.3
15°	694.6
17.5°	653.5
20°	607.8
22.5°	556.2
25°	497.8
27.5°	436.4
30°	372.0
32.5°	309.9
35°	250.8
37.5°	199.1
40°	153.5
42.5°	116.0
45°	87.6
47.5°	64.4
50°	40.4
52.5°	21.0
55°	12.7
57.5°	11.2
60°	9.7
62.5°	9.0
65°	8.2
67.5°	6.7
70°	6.0
72.5°	5.2
75°	4.5
77.5°	3.7
80°	3.0
82.5°	2.2
85°	1.5
87.5°	0.7
90°	0.0

(END OF REPORT)