

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: P1255601

Luminaire Tested: P3AS20R659035D010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255601
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-41)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R659035D010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R65 optic, 3500K CCT AND, 90CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

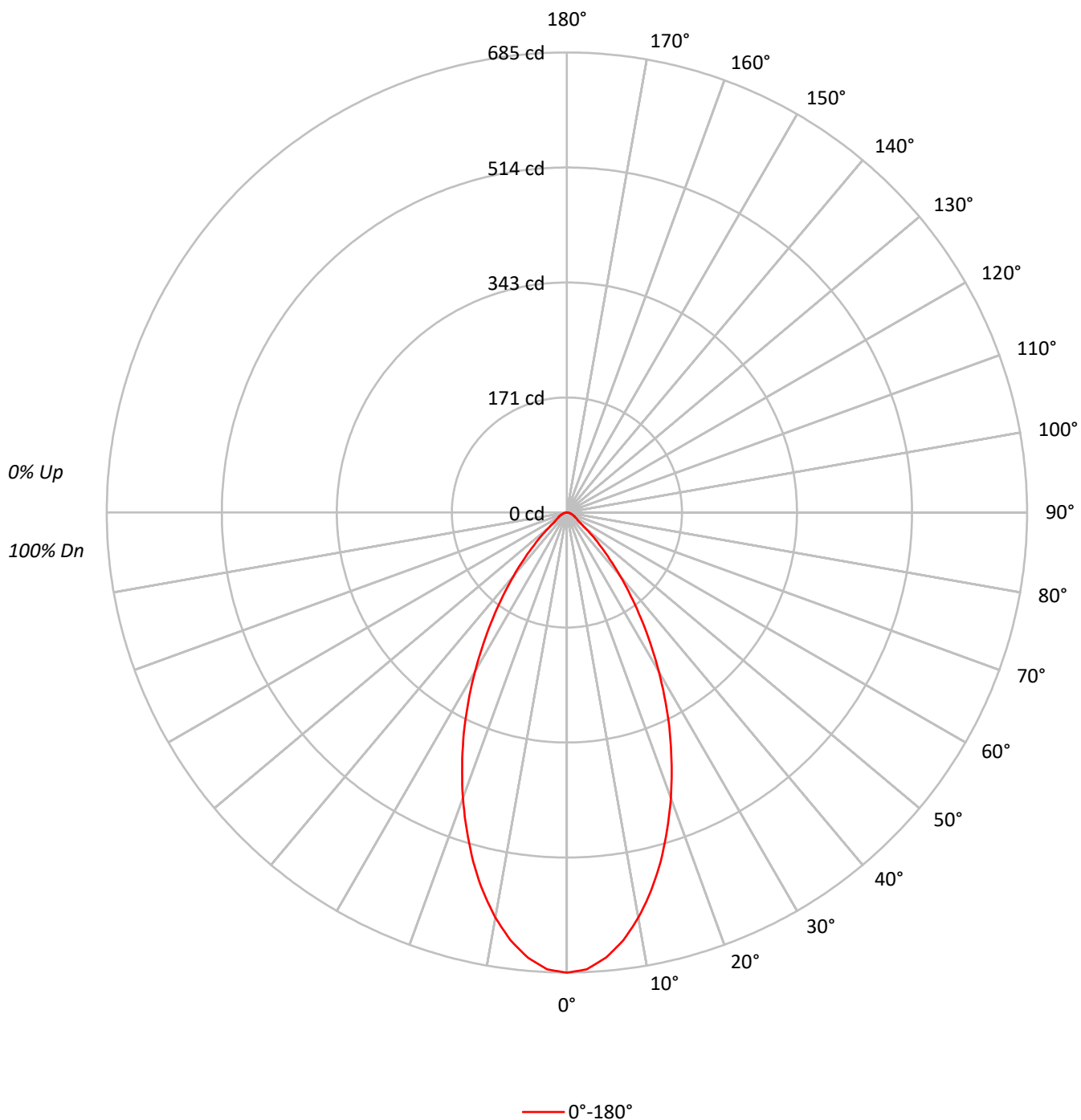
Lumens per Lamp: N/A
Luminaire Lumens: 591.0 lumens
Efficiency: N/A
Efficacy: 20.5 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	107	105	110	108	105	103	104	102	100		100	98	97		92
2	107	101	97	93	104	100	96	92	96	93	90		93	91	88		85
3	101	94	88	84	99	92	87	83	90	85	82		87	84	81		78
4	95	87	81	76	93	86	80	76	84	79	75		82	78	74		72
5	90	81	75	70	88	80	74	70	78	73	69		77	72	69		66
6	85	76	69	65	84	75	69	65	73	68	64		72	67	64		62
7	81	71	65	60	79	70	64	60	69	64	60		68	63	59		57
8	77	67	60	56	75	66	60	56	65	59	56		64	59	55		54
9	73	63	57	52	72	62	56	52	61	56	52		60	55	52		50
10	69	59	53	49	68	59	53	49	58	53	49		57	52	49		47

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	150229
5°	146489
10°	136404
15°	122248
20°	105593
25°	87828
30°	69251
35°	51317
40°	35381
45°	21925
50°	11906
55°	7493
60°	6359
65°	5759
70°	4937
75°	4321
80°	4293
85°	4277

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 21925 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	61.8	10.5
10°-20°	149.7	25.3
20°-30°	165.5	28.0
30°-40°	120.2	20.3
40°-50°	56.3	9.5
50°-60°	19.0	3.2
60°-70°	11.0	1.9
70°-80°	5.7	1.0
80°-90°	1.9	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°	377.0	63.8
0°-40°	497.2	84.1
0°-60°	572.5	96.9
0°-90°	591.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	591.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	685	
5°	666	62
15°	538	150
25°	363	165
35°	192	120
45°	71	56
55°	20	19
65°	11	11
75°	5	6
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	685.1
2.5°	680.8
5°	665.5
7.5°	642.5
10°	612.6
12.5°	577.7
15°	538.5
17.5°	495.9
20°	452.5
22.5°	407.3
25°	363.0
27.5°	317.8
30°	273.5
32.5°	230.9
35°	191.7
37.5°	155.9
40°	123.6
42.5°	94.6
45°	70.7
47.5°	51.1
50°	34.9
52.5°	23.9
55°	19.6
57.5°	17.0
60°	14.5
62.5°	12.8
65°	11.1
67.5°	9.4
70°	7.7
72.5°	6.8
75°	5.1
77.5°	4.3
80°	3.4
82.5°	2.6
85°	1.7
87.5°	0.9
90°	0.0

(END OF REPORT)