

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: P1274921

Luminaire Tested: P3AS20R659830D010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1274921
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: P3AS20R659830D010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R65 optic, 3000K CCT AND, 98CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

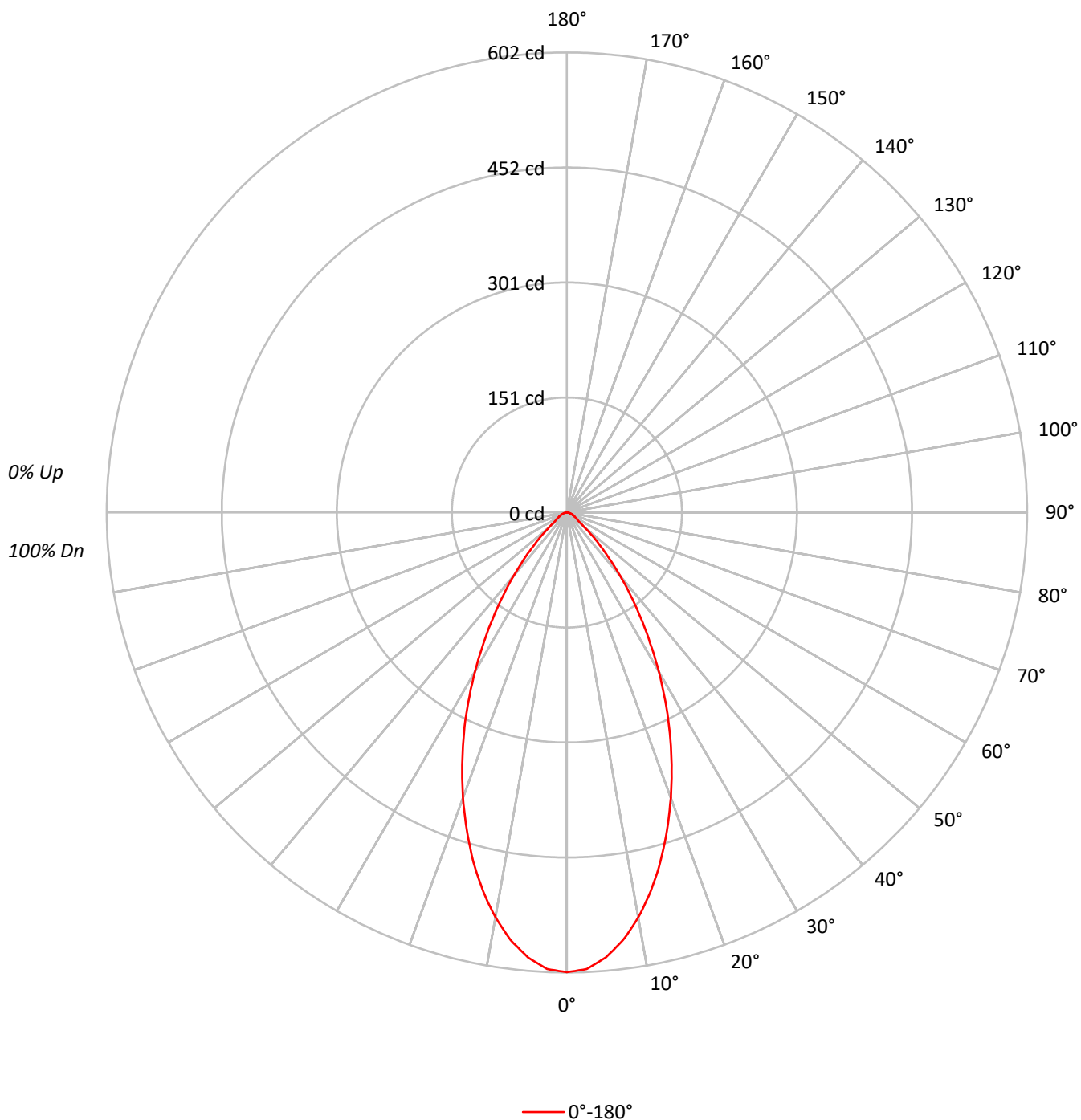
Lumens per Lamp: N/A
Luminaire Lumens: 519.0 lumens
Efficiency: N/A
Efficacy: 18.9 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	131919
5°	128637
10°	119793
15°	107356
20°	92711
25°	77133
30°	60819
35°	45079
40°	31058
45°	19258
50°	10473
55°	6576
60°	5570
65°	5033
70°	4296
75°	3813
80°	3788
85°	3774

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 19258 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	54.3	10.5
10°-20°	131.4	25.3
20°-30°	145.3	28.0
30°-40°	105.6	20.3
40°-50°	49.5	9.5
50°-60°	16.7	3.2
60°-70°	9.6	1.8
70°-80°	5.0	1.0
80°-90°	1.6	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°	331.1	63.8
0°-40°	436.6	84.1
0°-60°	502.8	96.9
0°-90°	519.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	519.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	602	
5°	584	54
15°	473	131
25°	319	145
35°	168	106
45°	62	49
55°	17	17
65°	10	10
75°	4	5
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	601.6
2.5°	597.9
5°	584.4
7.5°	564.2
10°	538.0
12.5°	507.3
15°	472.9
17.5°	435.5
20°	397.3
22.5°	357.7
25°	318.8
27.5°	279.1
30°	240.2
32.5°	202.8
35°	168.4
37.5°	136.9
40°	108.5
42.5°	83.1
45°	62.1
47.5°	44.9
50°	30.7
52.5°	21.0
55°	17.2
57.5°	15.0
60°	12.7
62.5°	11.2
65°	9.7
67.5°	8.2
70°	6.7
72.5°	6.0
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)