

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: P1268104

Luminaire Tested: P3A20R209735D010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1268104
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-7)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A20R209735D010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R20 optic, 3500K CCT AND, 97CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

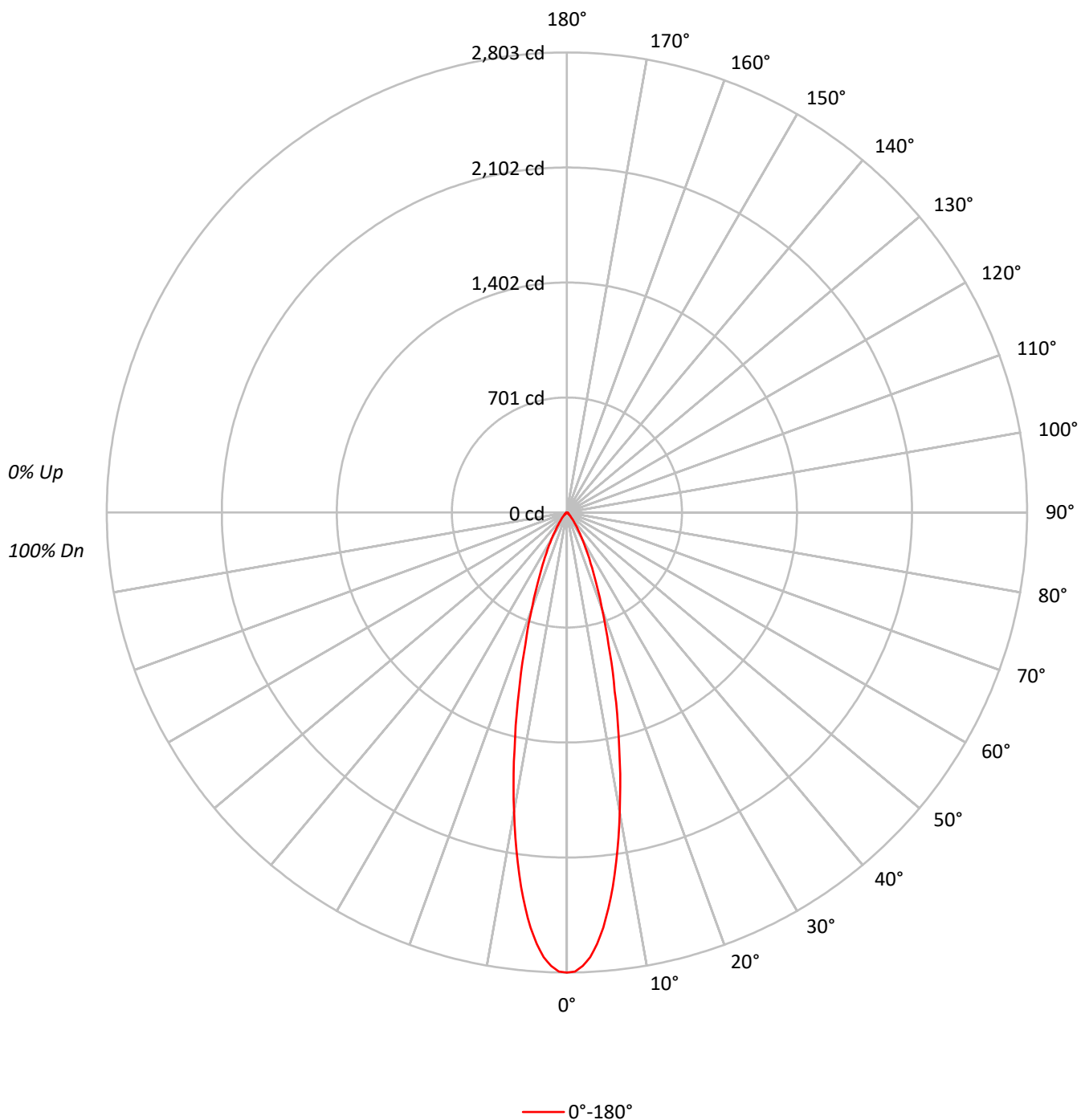
Lumens per Lamp: N/A
Luminaire Lumens: 799.0 lumens
Efficiency: N/A
Efficacy: 27.7 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.44 / 0.46
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	106	102	100	108	104	101	98	101	98	96		98	96	94		95
3	106	100	96	93	104	99	95	92	97	93	91		94	92	89		92
4	102	96	91	88	100	95	90	87	92	89	86		91	88	85		89
5	98	91	87	83	97	90	86	83	89	85	82		87	84	81		86
6	95	87	83	79	93	87	82	79	85	81	78		84	81	78		83
7	91	84	79	76	90	83	79	76	82	78	75		81	78	75		80
8	88	81	76	73	87	80	76	73	79	75	72		78	75	72		78
9	85	78	73	70	85	77	73	70	77	73	70		76	72	69		75
10	83	75	71	68	82	75	70	67	74	70	67		73	70	67		73

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	614731
5°	558814
10°	412996
15°	255484
20°	145893
25°	83303
30°	46716
35°	25404
40°	13912
45°	7660
50°	4469
55°	3250
60°	3026
65°	2802
70°	2500
75°	2626
80°	1894
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 7660 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	219.8	27.5
10°-20°	313.8	39.3
20°-30°	163.8	20.5
30°-40°	63.3	7.9
40°-50°	20.6	2.6
50°-60°	8.1	1.0
60°-70°	5.3	0.7
70°-80°	3.2	0.4
80°-90°	1.0	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°	697.5	87.3
0°-40°	760.8	95.2
0°-60°	789.4	98.8
0°-90°	799.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	799.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2803	
5°	2539	220
15°	1125	314
25°	344	164
35°	95	63
45°	25	21
55°	8	8
65°	5	5
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	2803.4
1°	2798.0
2°	2764.8
3°	2713.9
4°	2635.2
5°	2538.7
6°	2424.4
7°	2297.9
8°	2151.2
9°	2008.4
10°	1854.8
12.5°	1474.3
15°	1125.4
17.5°	842.1
20°	625.2
22.5°	463.1
25°	344.3
27.5°	253.9
30°	184.5
32.5°	133.5
35°	94.9
37.5°	68.7
40°	48.6
42.5°	34.7
45°	24.7
47.5°	17.8
50°	13.1
52.5°	10.0
55°	8.5
57.5°	7.7
60°	6.9
62.5°	6.2
65°	5.4
67.5°	4.6
70°	3.9
72.5°	3.9
75°	3.1
77.5°	2.3
80°	1.5
82.5°	1.5
85°	0.8
87.5°	0.8
90°	0.0

(END OF REPORT)