

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: P1274995

Luminaire Tested: P3AS02R209835DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1274995
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: P3AS02R209835DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R20 optic, 3500K CCT AND, 98CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

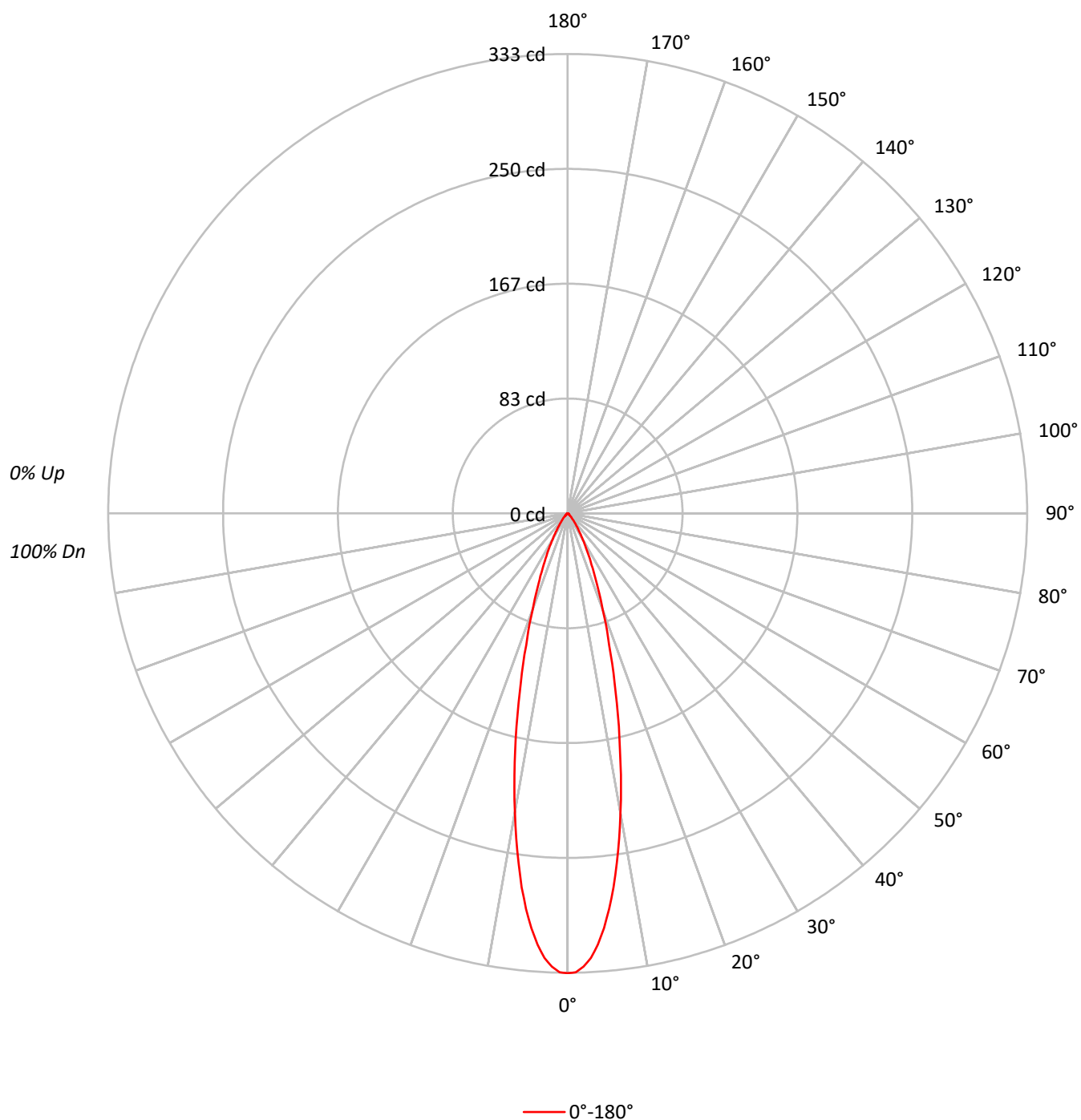
Lumens per Lamp: N/A
Luminaire Lumens: 95.0 lumens
Efficiency: N/A
Efficacy: 26.4 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.44 / 0.46
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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

TEST NUMBER: P1274995

CATALOG NUMBER: P3AS02R209835DE010 E3DL1GPH

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	94	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		77
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°	73086
5°	66432
10°	49097
15°	30375
20°	17338
25°	9896
30°	5545
35°	3025
40°	1660
45°	899
50°	546
55°	382
60°	351
65°	311
70°	321
75°	339
80°	253
85°	252

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 899 cd/sqm

TEST NUMBER: P1274995

CATALOG NUMBER: P3AS02R209835DE010 E3DL1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	26.1	27.5
10°-20°	37.3	39.3
20°-30°	19.5	20.5
30°-40°	7.5	7.9
40°-50°	2.4	2.6
50°-60°	1.0	1.0
60°-70°	0.6	0.7
70°-80°	0.4	0.4
80°-90°	0.1	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°	82.9	87.3
0°-40°	90.5	95.2
0°-60°	93.9	98.8
0°-90°	95.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	95.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	333	
5°	302	26
15°	134	37
25°	41	19
35°	11	8
45°	3	2
55°	1	1
65°	1	1
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	333.3
1°	332.7
2°	328.7
3°	322.7
4°	313.3
5°	301.8
6°	288.3
7°	273.2
8°	255.8
9°	238.8
10°	220.5
12.5°	175.3
15°	133.8
17.5°	100.1
20°	74.3
22.5°	55.1
25°	40.9
27.5°	30.2
30°	21.9
32.5°	15.9
35°	11.3
37.5°	8.2
40°	5.8
42.5°	4.1
45°	2.9
47.5°	2.1
50°	1.6
52.5°	1.2
55°	1.0
57.5°	0.9
60°	0.8
62.5°	0.7
65°	0.6
67.5°	0.6
70°	0.5
72.5°	0.5
75°	0.4
77.5°	0.3
80°	0.2
82.5°	0.2
85°	0.1
87.5°	0.1
90°	0.0

(END OF REPORT)