

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: P1254202

Luminaire Tested: P3AS09R209035DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1254202
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: P3AS09R209035DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R20 optic, 3500K CCT AND, 90CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

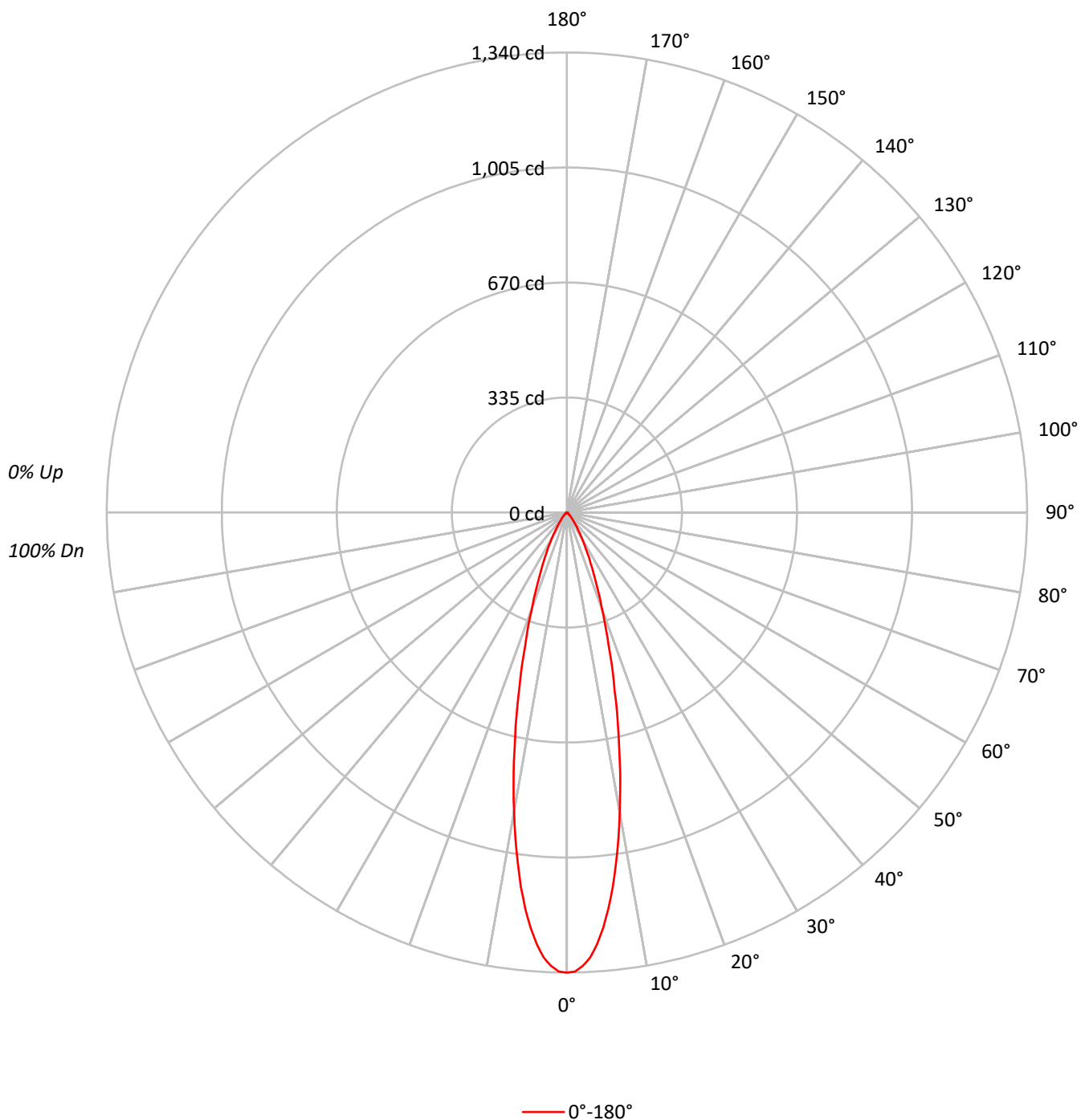
Lumens per Lamp: N/A
Luminaire Lumens: 382.0 lumens
Efficiency: N/A
Efficacy: 34.4 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.44 / 0.46
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
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°	293902
5°	267158
10°	197458
15°	122135
20°	69749
25°	39825
30°	22333
35°	12153
40°	6641
45°	3659
50°	2149
55°	1567
60°	1447
65°	1349
70°	1154
75°	1271
80°	884
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 3659 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	105.1	27.5
10°-20°	150.0	39.3
20°-30°	78.3	20.5
30°-40°	30.3	7.9
40°-50°	9.8	2.6
50°-60°	3.9	1.0
60°-70°	2.6	0.7
70°-80°	1.5	0.4
80°-90°	0.5	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°	333.4	87.3
0°-40°	363.7	95.2
0°-60°	377.4	98.8
0°-90°	382.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	382.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1340	
5°	1214	105
15°	538	150
25°	165	78
35°	45	30
45°	12	10
55°	4	4
65°	3	3
75°	2	1
85°	0	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1340.3
1°	1337.7
2°	1321.9
3°	1297.5
4°	1259.9
5°	1213.7
6°	1159.1
7°	1098.6
8°	1028.5
9°	960.2
10°	886.8
12.5°	704.8
15°	538.0
17.5°	402.6
20°	298.9
22.5°	221.4
25°	164.6
27.5°	121.4
30°	88.2
32.5°	63.8
35°	45.4
37.5°	32.8
40°	23.2
42.5°	16.6
45°	11.8
47.5°	8.5
50°	6.3
52.5°	4.8
55°	4.1
57.5°	3.7
60°	3.3
62.5°	3.0
65°	2.6
67.5°	2.2
70°	1.8
72.5°	1.8
75°	1.5
77.5°	1.1
80°	0.7
82.5°	0.7
85°	0.4
87.5°	0.4
90°	0.0

(END OF REPORT)