

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: P1248800

Luminaire Tested: P3AS09R209027DE010 E3PH1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1248800
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-2)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R209027DE010 E3PH1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 2700K CCT AND, 90CRI , E3PH1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

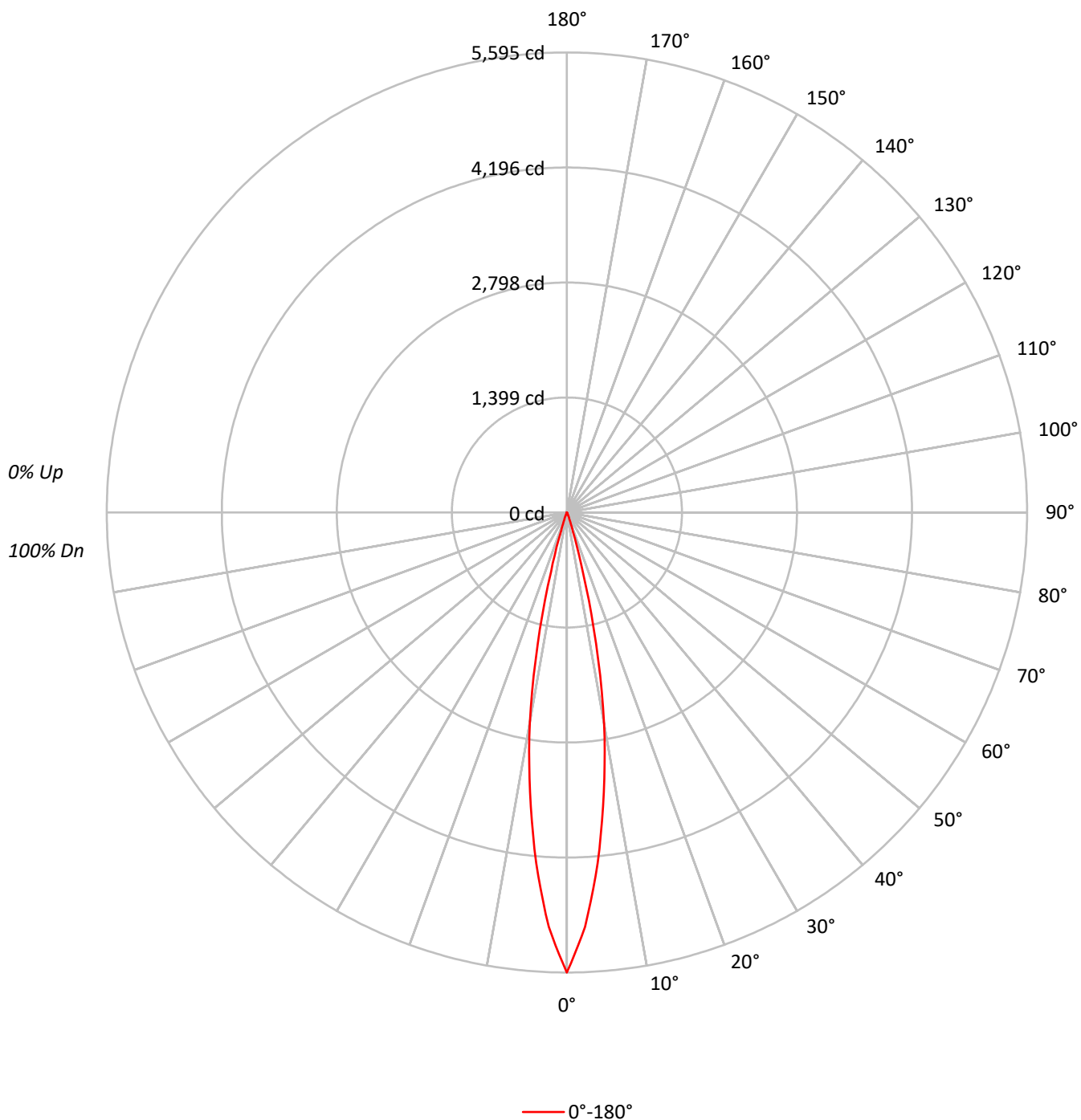
Lumens per Lamp: N/A
Luminaire Lumens: 617.0 lumens
Efficiency: N/A
Efficacy: 55.6 lumens/watt
Spacing Criteria (0/90/45): 0.32 / 0.32 / 0.32
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	116	114	112	111	113	112	110	109		108	107	106			104	104	103			101
2	113	110	107	105	111	108	106	104		105	104	102			102	101	100			100
3	110	107	104	101	109	105	103	101		103	101	99			101	99	98			99
4	108	104	101	98	107	103	100	98		101	98	97			99	97	95			97
5	106	101	98	96	105	100	97	95		99	96	94			97	95	94			96
6	104	99	96	93	103	98	95	93		97	94	93			96	94	92			95
7	102	97	94	92	101	96	93	91		95	93	91			95	92	90			94
8	100	95	92	90	99	95	92	90		94	91	89			93	91	89			92
9	99	94	90	88	98	93	90	88		92	90	88			92	89	88			91
10	97	92	89	87	96	92	89	87		91	88	87			91	88	87			90

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1226919
5°	942370
10°	580550
15°	168945
20°	22542
25°	6678
30°	2000
35°	268
40°	286
45°	0
50°	0
55°	0
60°	0
65°	0
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 0 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	356.5	57.8
10°-20°	243.2	39.4
20°-30°	15.6	2.5
30°-40°	1.5	0.3
40°-50°	0.1	0.0
50°-60°	0.0	0.0
60°-70°	0.0	0.0
70°-80°	0.0	0.0
80°-90°	0.0	0.0
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°	615.4	99.7
0°-40°	616.9	100.0
0°-60°	617.0	100.0
0°-90°	617.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	617.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	5595	
5°	4281	357
15°	744	243
25°	28	16
35°	1	2
45°	0	0
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	5595.2
2.5°	5045.1
5°	4281.2
7.5°	3434.4
10°	2607.3
12.5°	1635.4
15°	744.2
17.5°	235.6
20°	96.6
22.5°	51.3
25°	27.6
27.5°	13.8
30°	7.9
32.5°	3.9
35°	1.0
37.5°	1.0
40°	1.0
42.5°	0.0
45°	0.0
47.5°	0.0
50°	0.0
52.5°	0.0
55°	0.0
57.5°	0.0
60°	0.0
62.5°	0.0
65°	0.0
67.5°	0.0
70°	0.0
72.5°	0.0
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)