

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: P1258081

Luminaire Tested: P3AS20R259040D010 E3PH1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1258081
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-3)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R259040D010 E3PH1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 4000K CCT AND, 90CRI , E3PH1MW TRIM
Light Source: -
Ballast/Driver: -

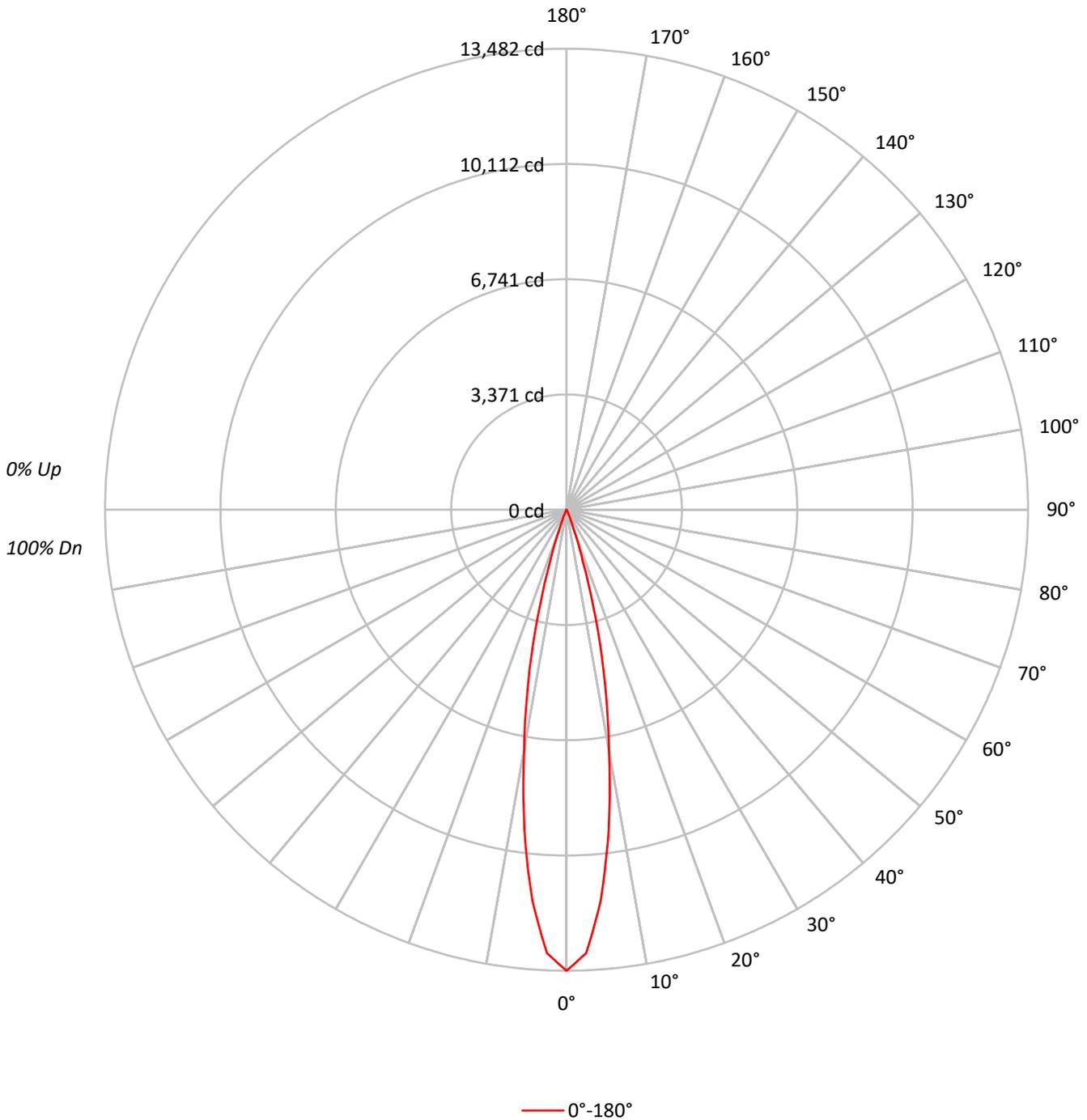
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1933.0 lumens
Efficiency: N/A
Efficacy: 67.1 lumens/watt
Spacing Criteria (0/90/45): 0.36 / 0.36 / 0.36
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			0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	100	100	100
1	116	114	112	111	113	112	110	109	108	107	106	104	103	102	101	100	99	98	98	98	98
2	113	109	107	105	111	108	105	103	105	103	101	102	100	99	99	98	97	96	96	96	96
3	110	106	103	100	108	104	102	99	102	100	98	100	98	96	98	96	95	94	94	94	94
4	107	103	99	97	106	102	99	96	100	97	95	98	96	94	96	95	93	92	92	92	92
5	105	100	96	94	103	99	96	93	97	95	93	96	94	92	95	93	91	90	90	90	90
6	102	97	94	91	101	97	93	91	95	93	91	94	92	90	93	91	89	89	89	89	89
7	100	95	92	89	99	95	91	89	94	91	89	93	90	88	92	89	88	87	87	87	87
8	98	93	90	87	98	93	89	87	92	89	87	91	88	87	90	88	86	85	85	85	85
9	97	91	88	86	96	91	88	85	90	87	85	89	87	85	89	86	85	84	84	84	84
10	95	89	86	84	94	89	86	84	88	86	84	88	85	83	87	85	83	83	83	83	83

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	2956430
5°	2525021
10°	1591932
15°	740890
20°	152567
25°	31139
30°	6659
35°	1419
40°	744
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°	956.0	49.5
10°-20°	887.9	45.9
20°-30°	84.0	4.3
30°-40°	4.9	0.3
40°-50°	0.2	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°	1927.9	99.7
0°-40°	1932.8	100.0
0°-60°	1933.0	100.0
0°-90°	1933.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1933.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	13482	
5°	11471	956
15°	3264	888
25°	129	84
35°	5	5
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°	13482.4
2.5°	12980.9
5°	11471.2
7.5°	9431.1
10°	7149.5
12.5°	5164.5
15°	3263.6
17.5°	1578.0
20°	653.8
22.5°	259.9
25°	128.7
27.5°	60.4
30°	26.3
32.5°	10.5
35°	5.3
37.5°	2.6
40°	2.6
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)