

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: P1252920

Luminaire Tested: P3AS20R709030D010 E3DLP1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1252920
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-45)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R709030D010 E3DLP1MW
Description: 3in Adjustable LED luminaire with, R70 optic, 3000K CCT AND, 90CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

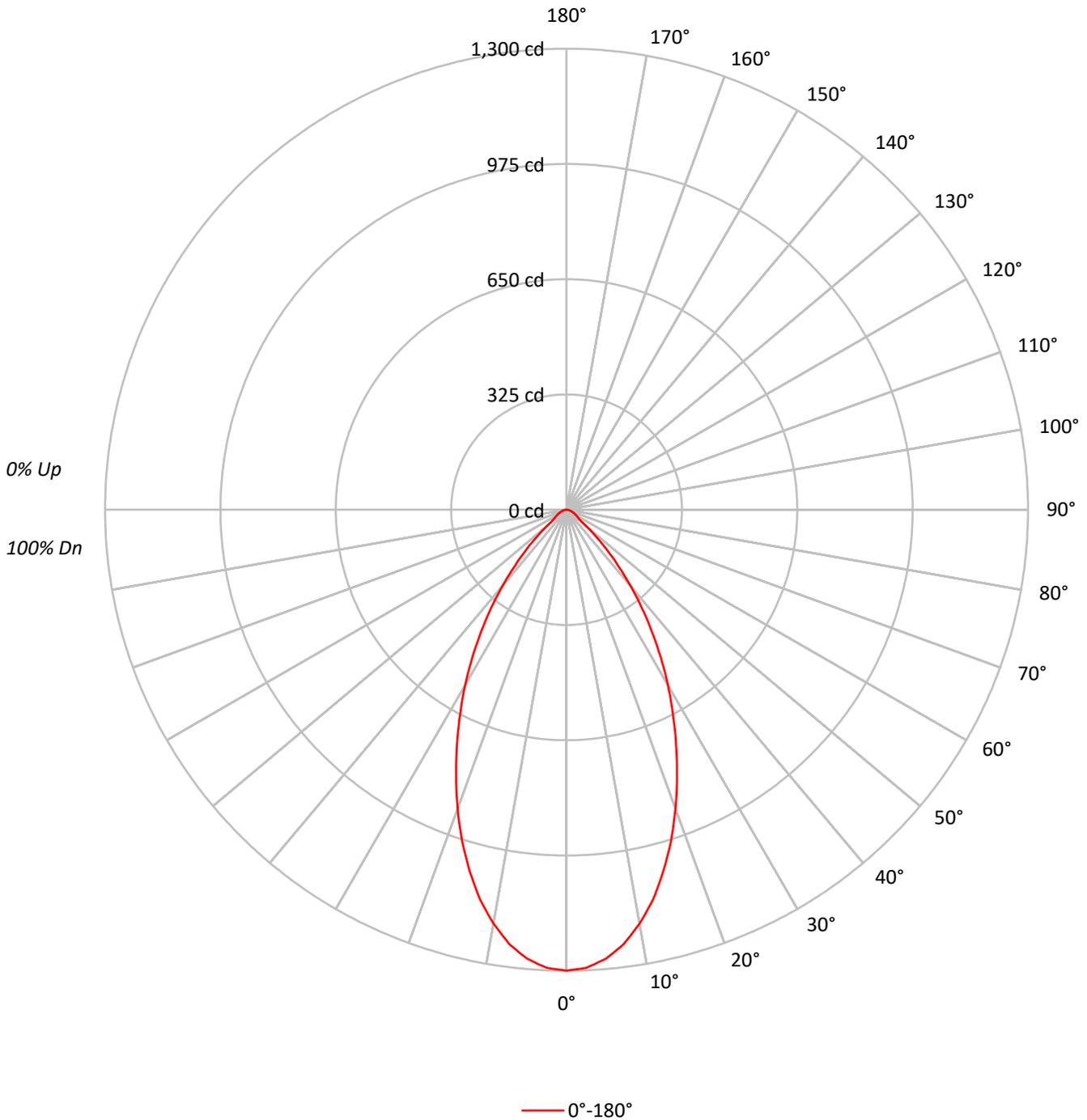
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1215.0 lumens
Efficiency: N/A
Efficacy: 42.2 lumens/watt
Spacing Criteria (0/90/45): 0.82 / 0.82 / 0.87
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
1	113	110	107	104	110	107	105	103	103	101	100	100	98	97	96	95	94	92			92
2	106	101	97	93	104	99	95	92	96	93	90	93	90	88	90	88	86	84			84
3	100	93	88	83	98	92	87	83	89	85	81	87	83	80	84	81	79	77			77
4	95	86	80	76	93	85	80	75	83	78	74	81	77	73	79	76	73	71			71
5	89	80	74	69	88	79	73	69	78	72	68	76	71	68	74	70	67	65			65
6	85	75	68	64	83	74	68	64	73	67	63	71	66	63	70	65	62	61			61
7	80	70	64	59	79	69	63	59	68	62	58	67	62	58	66	61	58	56			56
8	76	66	59	55	75	65	59	55	64	58	54	63	58	54	62	57	54	52			52
9	72	62	55	51	71	61	55	51	60	55	51	59	54	51	58	54	50	49			49
10	69	58	52	48	67	58	52	48	57	51	48	56	51	48	55	51	47	46			46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	284999
5°	279748
10°	263789
15°	239411
20°	209412
25°	176647
30°	144630
35°	112190
40°	80322
45°	50827
50°	25381
55°	15522
60°	13332
65°	12297
70°	10835
75°	9997
80°	8587
85°	8554

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 50827 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	118.6	9.8
10°-20°	293.4	24.2
20°-30°	334.2	27.5
30°-40°	261.3	21.5
40°-50°	128.4	10.6
50°-60°	39.5	3.3
60°-70°	23.4	1.9
70°-80°	12.5	1.0
80°-90°	3.7	0.3
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°	746.2	61.4
0°-40°	1007.6	82.9
0°-60°	1175.4	96.7
0°-90°	1215.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1215.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1300	
5°	1271	119
15°	1055	293
25°	730	334
35°	419	261
45°	164	128
55°	41	39
65°	24	23
75°	12	12
85°	3	4
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	1299.7
2.5°	1292.9
5°	1270.9
7.5°	1235.4
10°	1184.7
12.5°	1125.6
15°	1054.6
17.5°	978.6
20°	897.4
22.5°	812.9
25°	730.1
27.5°	649.0
30°	571.2
32.5°	493.5
35°	419.1
37.5°	348.2
40°	280.6
42.5°	218.0
45°	163.9
47.5°	114.9
50°	74.4
52.5°	49.0
55°	40.6
57.5°	35.5
60°	30.4
62.5°	27.0
65°	23.7
67.5°	20.3
70°	16.9
72.5°	13.5
75°	11.8
77.5°	10.1
80°	6.8
82.5°	5.1
85°	3.4
87.5°	1.7
90°	0.0

(END OF REPORT)