

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: P1265970

Luminaire Tested: P3AS20R609730D010 E3DLP1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1265970
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-37)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R609730D010 E3DLP1MW
Description: 3in Adjustable LED luminaire with, R60 optic, 3000K CCT AND, 97CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

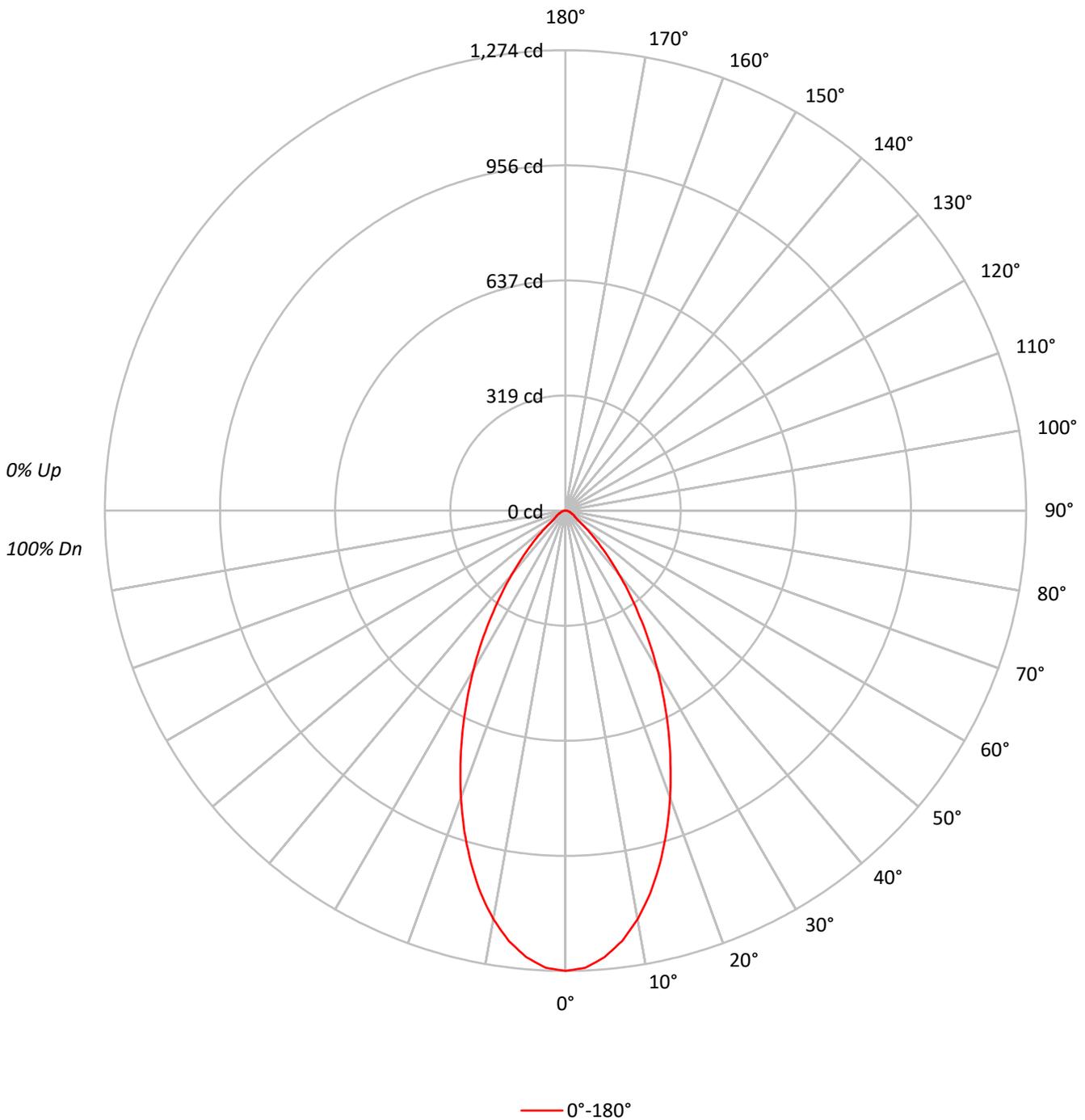
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1102.0 lumens
Efficiency: N/A
Efficacy: 38.3 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.83
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				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	105	110	108	105	103	104	102	100	100	98	97	96	95	94	92				92
2	107	101	97	93	104	100	96	92	96	93	90	93	91	88	91	88	86	85				85
3	101	94	88	84	99	92	87	83	90	86	82	87	84	81	85	82	80	78				78
4	95	87	81	77	93	86	80	76	84	79	75	82	78	74	80	76	73	72				72
5	90	81	75	70	88	80	74	70	78	73	69	77	72	69	75	71	68	66				66
6	85	76	69	65	84	75	69	65	73	68	64	72	67	64	71	66	63	62				62
7	81	71	65	60	79	70	64	60	69	64	60	68	63	59	67	62	59	57				57
8	77	67	60	56	75	66	60	56	65	60	56	64	59	55	63	58	55	54				54
9	73	63	57	52	72	62	56	52	61	56	52	60	55	52	60	55	52	50				50
10	69	59	53	49	68	59	53	49	58	53	49	57	52	49	56	52	49	47				47

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	279276
5°	273013
10°	255595
15°	229309
20°	197184
25°	163050
30°	128830
35°	95673
40°	65895
45°	41338
50°	22720
55°	13304
60°	11973
65°	10222
70°	8719
75°	8981
80°	7703
85°	7548

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 41338 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	115.5	10.5
10°-20°	280.5	25.5
20°-30°	307.7	27.9
30°-40°	224.2	20.3
40°-50°	105.9	9.6
50°-60°	34.7	3.1
60°-70°	19.7	1.8
70°-80°	10.6	1.0
80°-90°	3.3	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°	703.7	63.9
0°-40°	927.9	84.2
0°-60°	1068.5	97.0
0°-90°	1102.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1102.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1274	
5°	1240	115
15°	1010	281
25°	674	308
35°	357	224
45°	133	106
55°	35	35
65°	20	20
75°	11	11
85°	3	3
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	1273.6
2.5°	1266.1
5°	1240.3
7.5°	1200.9
10°	1147.9
12.5°	1084.3
15°	1010.1
17.5°	929.9
20°	845.0
22.5°	758.7
25°	673.9
27.5°	589.1
30°	508.8
32.5°	431.6
35°	357.4
37.5°	290.8
40°	230.2
42.5°	177.2
45°	133.3
47.5°	96.9
50°	66.6
52.5°	43.9
55°	34.8
57.5°	30.3
60°	27.3
62.5°	22.7
65°	19.7
67.5°	16.7
70°	13.6
72.5°	12.1
75°	10.6
77.5°	7.6
80°	6.1
82.5°	4.5
85°	3.0
87.5°	1.5
90°	0.0

(END OF REPORT)