

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: P1249833

Luminaire Tested: P3AS17R659027DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1249833
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-43)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R659027DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R65 optic, 2700K CCT AND, 90CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

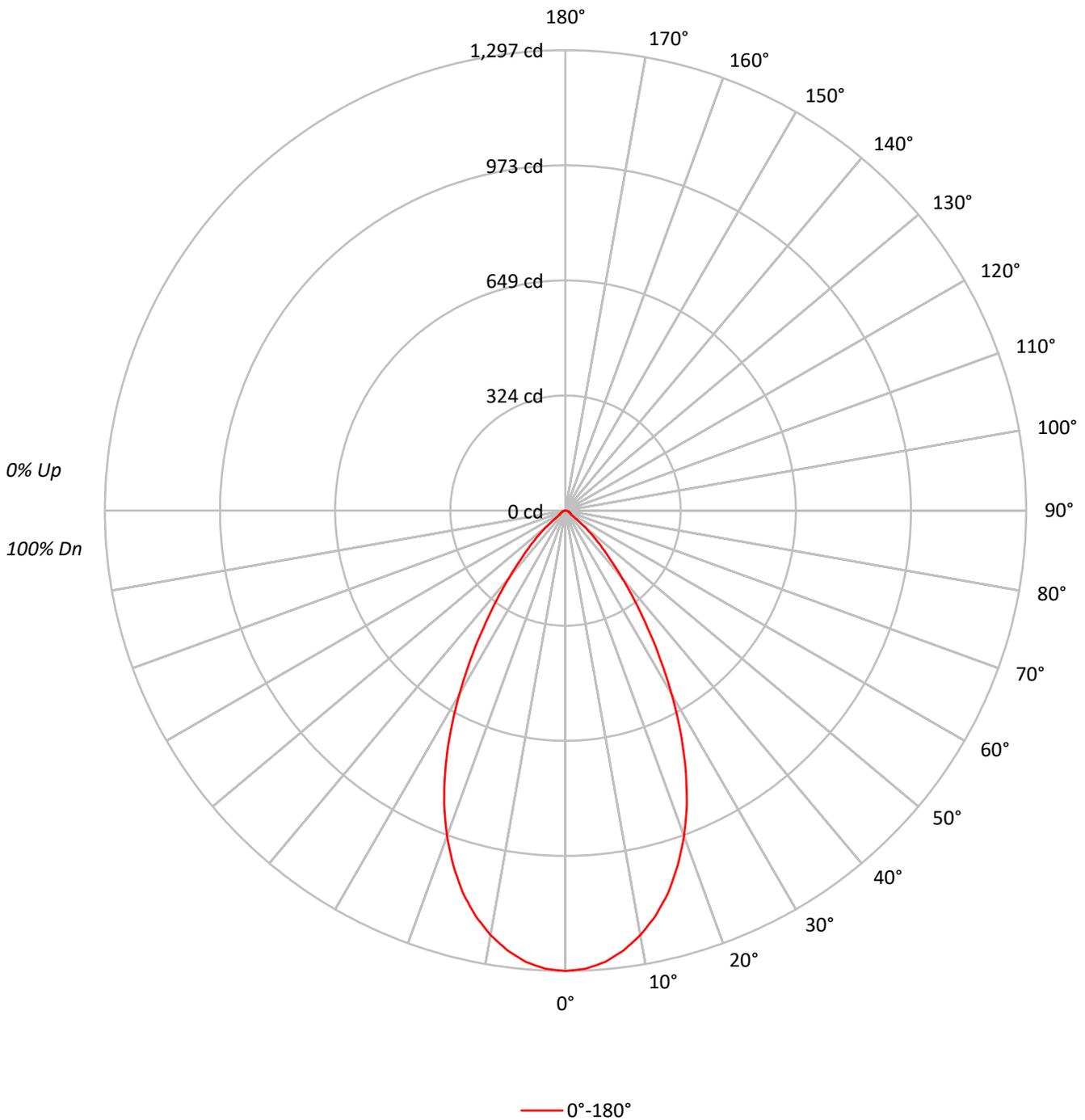
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1205.9 lumens
Efficiency: N/A
Efficacy: 56.9 lumens/watt
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
Input Voltage (V): NR
Input Current (A_{in}): 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	111	108	106	103	104	102	100	100	99	97	97	96	94	93				93
2	107	102	98	94	105	100	96	93	97	94	91	94	91	89	91	89	87	85				85
3	101	95	89	85	99	93	88	84	90	86	83	88	85	82	86	83	80	79				79
4	96	88	82	78	94	87	81	77	85	80	76	83	79	75	81	77	74	73				73
5	91	82	76	71	89	81	75	71	79	74	70	77	73	70	76	72	69	68				68
6	86	77	70	66	84	76	70	66	74	69	65	73	68	65	72	67	64	63				63
7	82	72	66	61	80	71	65	61	70	64	61	69	64	60	67	63	60	58				58
8	77	67	61	57	76	67	61	57	66	60	57	65	60	56	64	59	56	55				55
9	74	64	57	53	72	63	57	53	62	57	53	61	56	53	60	56	53	51				51
10	70	60	54	50	69	59	54	50	59	53	50	58	53	50	57	53	49	48				48

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	284407
5°	281003
10°	270336
15°	253236
20°	227776
25°	193414
30°	151264
35°	107800
40°	70532
45°	43601
50°	22140
55°	7799
60°	6842
65°	6849
70°	6155
75°	6100
80°	6061
85°	6038

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 43601 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	119.9	9.9
10°-20°	310.5	25.7
20°-30°	362.8	30.1
30°-40°	253.5	21.0
40°-50°	111.6	9.3
50°-60°	24.8	2.1
60°-70°	12.6	1.0
70°-80°	7.6	0.6
80°-90°	2.6	0.2
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°	793.1	65.8
0°-40°	1046.7	86.8
0°-60°	1183.1	98.1
0°-90°	1205.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1205.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1297	
5°	1277	120
15°	1116	310
25°	799	363
35°	403	254
45°	141	112
55°	20	25
65°	13	13
75°	7	8
85°	2	3
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1297.0
2.5°	1292.2
5°	1276.6
7.5°	1250.1
10°	1214.1
12.5°	1169.6
15°	1115.5
17.5°	1049.4
20°	976.1
22.5°	893.1
25°	799.4
27.5°	700.8
30°	597.4
32.5°	497.6
35°	402.7
37.5°	319.7
40°	246.4
42.5°	186.3
45°	140.6
47.5°	103.4
50°	64.9
52.5°	33.7
55°	20.4
57.5°	18.0
60°	15.6
62.5°	14.4
65°	13.2
67.5°	10.8
70°	9.6
72.5°	8.4
75°	7.2
77.5°	6.0
80°	4.8
82.5°	3.6
85°	2.4
87.5°	1.2
90°	0.0

(END OF REPORT)