

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: P1254938

Luminaire Tested: P3AS17R129035DE010 E3DLP1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1254938
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-1)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R129035DE010 E3DLP1WMH
Description: 3in Adjustable LED luminaire with, R12 optic, 3500K CCT AND, 90CRI , E3DLP1WMH TRIM
Light Source: -
Ballast/Driver: -

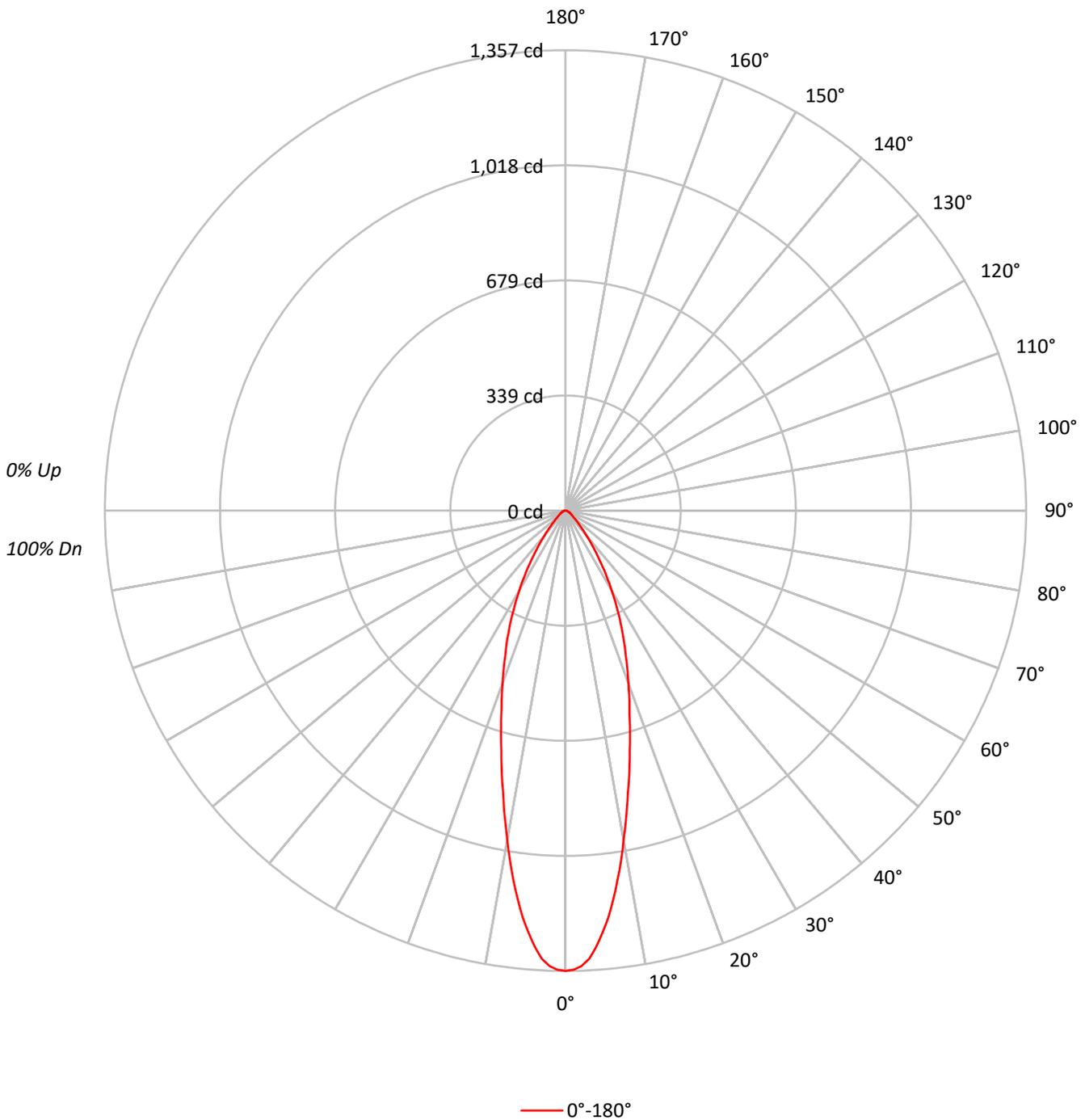
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 690.0 lumens
Efficiency: N/A
Efficacy: 30.1 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.61
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 22.9
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				
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	113	110	108	106	111	108	106	104	104	102	101	100	99	98	97	96	95	93	93	93	93
2	108	103	98	95	105	101	97	94	98	95	92	95	92	90	92	90	88	86	86	86	86
3	102	96	91	87	100	94	90	86	92	88	85	89	86	83	87	84	82	80	80	80	80
4	97	90	84	80	95	88	83	79	86	82	78	84	81	78	82	79	77	75	75	75	75
5	93	84	78	74	91	83	78	74	81	77	73	80	76	72	78	75	72	70	70	70	70
6	88	79	73	69	87	79	73	69	77	72	69	76	71	68	74	71	68	66	66	66	66
7	84	75	69	65	83	74	69	65	73	68	64	72	67	64	71	67	64	62	62	62	62
8	80	71	65	61	79	71	65	61	69	64	61	68	64	61	67	63	60	59	59	59	59
9	77	68	62	58	76	67	62	58	66	61	58	65	61	57	64	60	57	56	56	56	56
10	74	64	59	55	73	64	59	55	63	58	55	62	58	55	62	57	54	53	53	53	53

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	297542
5°	274994
10°	219546
15°	165858
20°	126291
25°	96247
30°	68947
35°	44999
40°	27595
45°	16684
50°	11087
55°	8564
60°	7368
65°	6382
70°	5770
75°	5676
80°	4293
85°	2768

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 16684 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	110.7	16.0
10°-20°	204.2	29.6
20°-30°	181.8	26.3
30°-40°	107.6	15.6
40°-50°	44.1	6.4
50°-60°	20.7	3.0
60°-70°	12.6	1.8
70°-80°	6.6	1.0
80°-90°	1.7	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°	496.7	72.0
0°-40°	604.2	87.6
0°-60°	669.1	97.0
0°-90°	690.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	690.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1357	
5°	1249	111
15°	731	204
25°	398	182
35°	168	108
45°	54	44
55°	22	21
65°	12	13
75°	7	7
85°	1	2
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1356.9
1°	1353.5
2°	1343.5
3°	1323.3
4°	1289.7
5°	1249.3
6°	1205.6
7°	1154.1
8°	1100.3
9°	1045.4
10°	986.0
12.5°	850.4
15°	730.6
17.5°	627.5
20°	541.2
22.5°	465.0
25°	397.8
27.5°	332.8
30°	272.3
32.5°	217.4
35°	168.1
37.5°	128.9
40°	96.4
42.5°	71.7
45°	53.8
47.5°	41.5
50°	32.5
52.5°	26.9
55°	22.4
57.5°	19.0
60°	16.8
62.5°	14.6
65°	12.3
67.5°	11.2
70°	9.0
72.5°	7.8
75°	6.7
77.5°	4.5
80°	3.4
82.5°	2.2
85°	1.1
87.5°	1.1
90°	0.0

(END OF REPORT)