

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: P1252255

Luminaire Tested: P3AS17R159030DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1252255
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-2)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R159030DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R15 optic, 3000K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

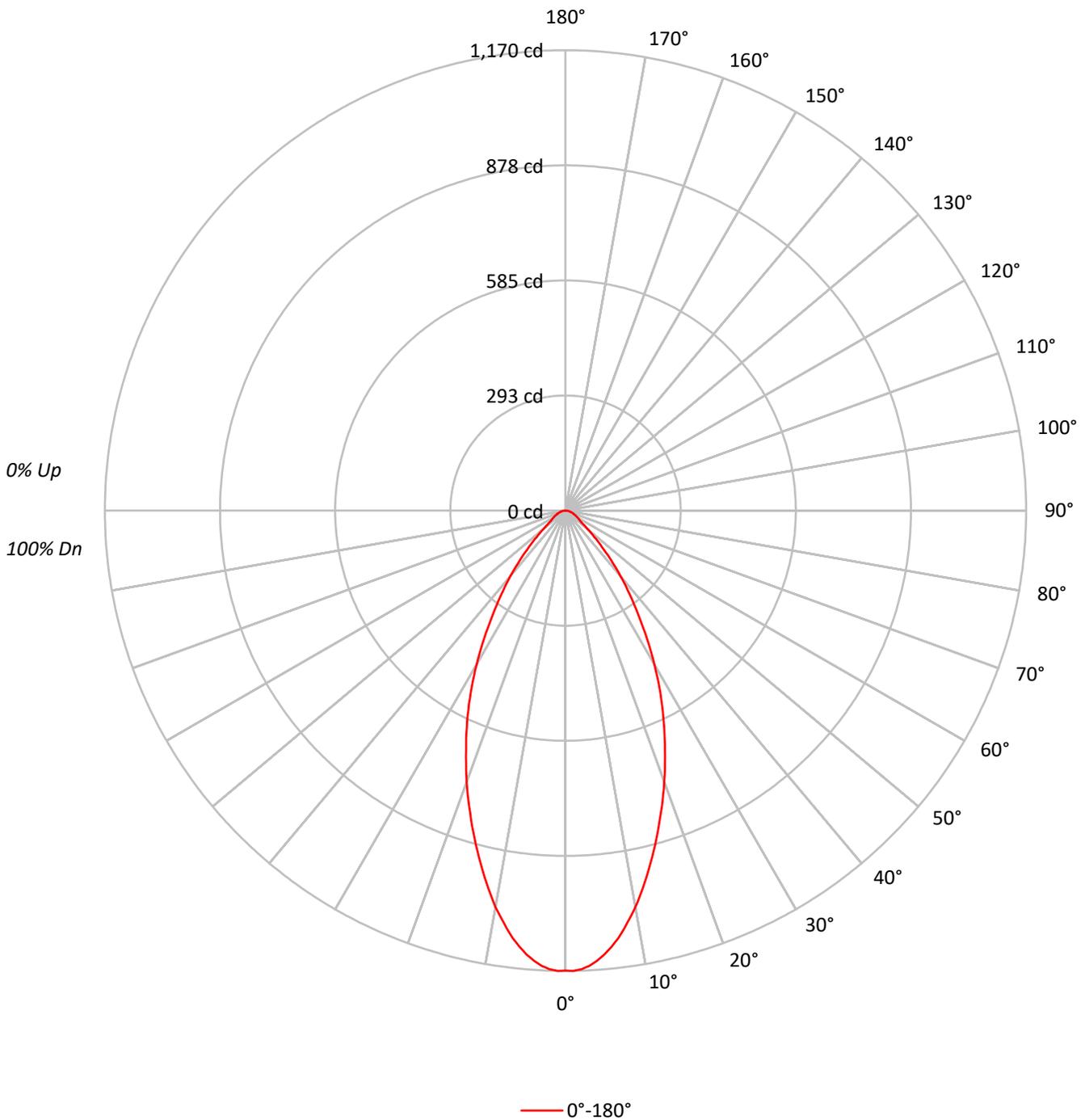
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1016.0 lumens
Efficiency: N/A
Efficacy: 47.9 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
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	109	106	104	110	107	105	102	103	101	99	99	98	96	96	95	93	91			91
2	106	100	96	92	104	99	95	91	95	92	89	92	90	87	90	87	85	83			83
3	100	93	87	83	98	91	86	82	89	84	81	86	82	79	84	81	78	76			76
4	94	86	80	75	92	85	79	74	82	77	73	80	76	73	78	75	72	70			70
5	89	80	73	68	87	79	73	68	77	72	67	75	70	67	74	69	66	65			65
6	84	74	68	63	83	73	67	63	72	66	62	70	66	62	69	65	61	60			60
7	80	69	63	58	78	69	63	58	67	62	58	66	61	57	65	61	57	56			56
8	76	65	59	54	74	65	58	54	63	58	54	62	57	54	61	57	53	52			52
9	72	61	55	51	71	61	55	51	60	54	50	59	54	50	58	53	50	49			49
10	68	58	52	48	67	57	51	47	57	51	47	56	51	47	55	50	47	46			46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	256273
5°	249328
10°	227851
15°	199570
20°	171212
25°	142944
30°	114397
35°	85795
40°	62260
45°	40717
50°	25483
55°	17204
60°	15262
65°	14009
70°	13207
75°	12031
80°	11365
85°	9812

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 40717 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	104.5	10.3
10°-20°	245.0	24.1
20°-30°	269.9	26.6
30°-40°	202.1	19.9
40°-50°	104.8	10.3
50°-60°	43.4	4.3
60°-70°	26.9	2.6
70°-80°	15.1	1.5
80°-90°	4.4	0.4
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°	619.4	61.0
0°-40°	821.5	80.8
0°-60°	969.6	95.4
0°-90°	1016.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1016.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1169	
5°	1133	105
15°	879	245
25°	591	270
35°	320	202
45°	131	105
55°	45	43
65°	27	27
75°	14	15
85°	4	4
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1168.7
1°	1170.0
2°	1166.1
3°	1158.4
4°	1146.8
5°	1132.7
6°	1114.6
7°	1095.3
8°	1072.2
9°	1047.7
10°	1023.3
12.5°	952.5
15°	879.1
17.5°	805.7
20°	733.7
22.5°	660.3
25°	590.8
27.5°	521.3
30°	451.8
32.5°	383.6
35°	320.5
37.5°	266.4
40°	217.5
42.5°	172.5
45°	131.3
47.5°	99.1
50°	74.7
52.5°	55.3
55°	45.0
57.5°	39.9
60°	34.8
62.5°	30.9
65°	27.0
67.5°	23.2
70°	20.6
72.5°	16.7
75°	14.2
77.5°	11.6
80°	9.0
82.5°	6.4
85°	3.9
87.5°	1.3
90°	0.0

(END OF REPORT)