

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: P1255277

Luminaire Tested: P3AS17R709035DE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255277
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: P3AS17R709035DE010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R70 optic, 3500K CCT AND, 90CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

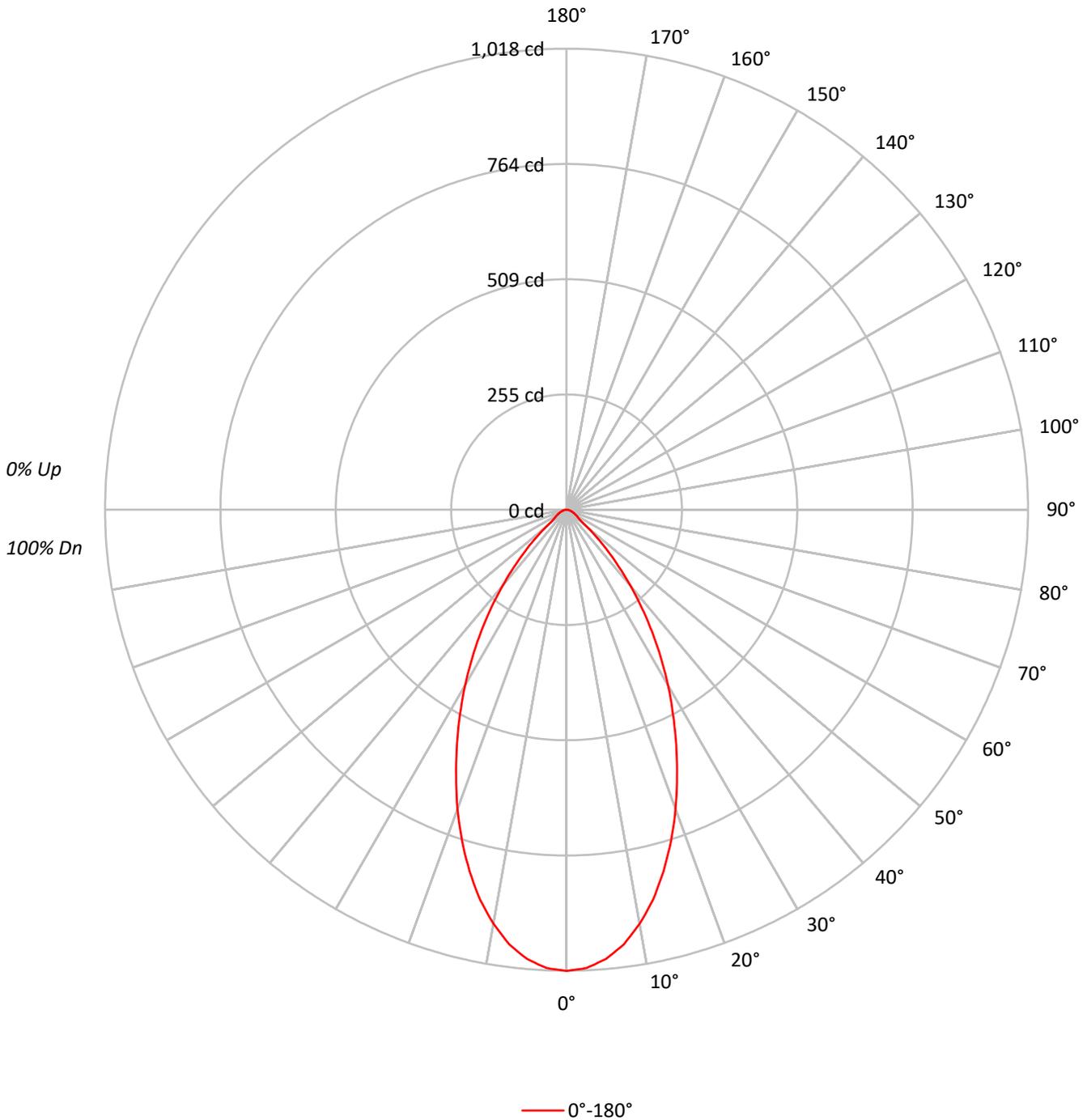
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 952.0 lumens
Efficiency: N/A
Efficacy: 44.9 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): 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				
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°	223294
5°	219194
10°	206698
15°	187583
20°	164094
25°	138419
30°	113334
35°	87910
40°	62918
45°	39849
50°	19888
55°	12157
60°	10438
65°	9599
70°	8463
75°	7879
80°	6693
85°	6542

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 39849 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	92.9	9.8
10°-20°	229.9	24.2
20°-30°	261.9	27.5
30°-40°	204.8	21.5
40°-50°	100.6	10.6
50°-60°	30.9	3.2
60°-70°	18.3	1.9
70°-80°	9.8	1.0
80°-90°	2.9	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°	584.7	61.4
0°-40°	789.5	82.9
0°-60°	921.0	96.7
0°-90°	952.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	952.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1018	
5°	996	93
15°	826	230
25°	572	262
35°	328	205
45°	128	101
55°	32	31
65°	18	18
75°	9	10
85°	3	3
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	1018.3
2.5°	1013.0
5°	995.8
7.5°	968.0
10°	928.3
12.5°	881.9
15°	826.3
17.5°	766.7
20°	703.2
22.5°	637.0
25°	572.1
27.5°	508.5
30°	447.6
32.5°	386.7
35°	328.4
37.5°	272.8
40°	219.8
42.5°	170.8
45°	128.5
47.5°	90.0
50°	58.3
52.5°	38.4
55°	31.8
57.5°	27.8
60°	23.8
62.5°	21.2
65°	18.5
67.5°	15.9
70°	13.2
72.5°	10.6
75°	9.3
77.5°	7.9
80°	5.3
82.5°	4.0
85°	2.6
87.5°	1.3
90°	0.0

(END OF REPORT)