

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: P1287707

Luminaire Tested: P3AS17R709030D2WDE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1287707
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: P3AS17R709030D2WDE010 E3DL1WH
Description: 3in Adjustable Dim to Warm LED luminaire with, R70 optic, 3000K CCT AND, 90CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

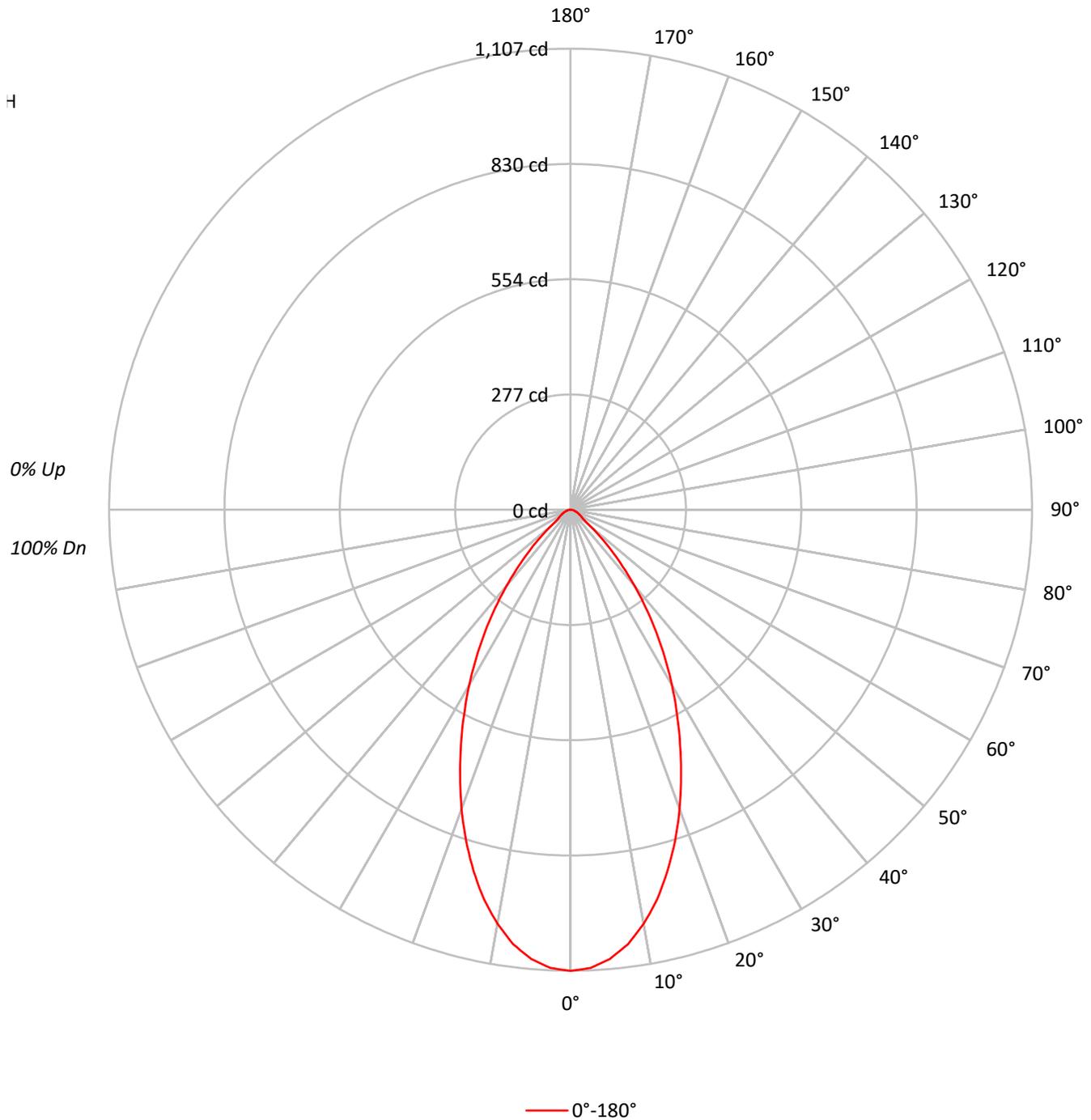
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1035.0 lumens
Efficiency: N/A
Efficacy: 37.9 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): 27.3
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			
1	113	110	107	104	110	107	105	103	103	101	100	100	98	97	96	95	94	92			
2	106	101	97	93	104	99	95	92	96	93	90	93	90	88	90	88	86	84			
3	100	93	88	83	98	92	87	83	89	85	81	87	83	80	84	81	79	77			
4	95	86	80	76	93	85	80	75	83	78	74	81	77	73	79	76	73	71			
5	89	80	74	69	88	79	73	69	78	72	68	76	71	68	74	70	67	65			
6	85	75	68	64	83	74	68	64	73	67	63	71	66	63	70	65	62	61			
7	80	70	64	59	79	69	63	59	68	62	58	67	62	58	66	61	58	56			
8	76	66	59	55	75	65	59	55	64	58	54	63	58	54	62	57	54	52			
9	72	62	55	51	71	61	55	51	60	55	51	59	54	51	58	54	50	49			
10	69	58	52	48	67	58	52	48	57	51	48	56	51	48	55	51	47	46			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	242766
5°	238300
10°	224712
15°	203951
20°	178399
25°	150468
30°	123209
35°	95566
40°	68414
45°	43322
50°	21594
55°	13228
60°	11359
65°	10481
70°	9232
75°	8557
80°	7324
85°	7296

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 43322 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	101.0	9.8
10°-20°	250.0	24.2
20°-30°	284.7	27.5
30°-40°	222.6	21.5
40°-50°	109.4	10.6
50°-60°	33.6	3.3
60°-70°	19.9	1.9
70°-80°	10.6	1.0
80°-90°	3.1	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°	635.7	61.4
0°-40°	858.3	82.9
0°-60°	1001.3	96.7
0°-90°	1035.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1035.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1107	
5°	1083	101
15°	898	250
25°	622	285
35°	357	223
45°	140	109
55°	35	34
65°	20	20
75°	10	11
85°	3	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	1107.1
2.5°	1101.4
5°	1082.6
7.5°	1052.4
10°	1009.2
12.5°	958.8
15°	898.4
17.5°	833.6
20°	764.5
22.5°	692.5
25°	621.9
27.5°	552.8
30°	486.6
32.5°	420.4
35°	357.0
37.5°	296.6
40°	239.0
42.5°	185.7
45°	139.7
47.5°	97.9
50°	63.3
52.5°	41.8
55°	34.6
57.5°	30.2
60°	25.9
62.5°	23.0
65°	20.2
67.5°	17.3
70°	14.4
72.5°	11.5
75°	10.1
77.5°	8.6
80°	5.8
82.5°	4.3
85°	2.9
87.5°	1.4
90°	0.0

(END OF REPORT)