

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: P1252570

Luminaire Tested: P3AS17R709030DE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1252570
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: P3AS17R709030DE010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R70 optic, 3000K CCT AND, 90CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

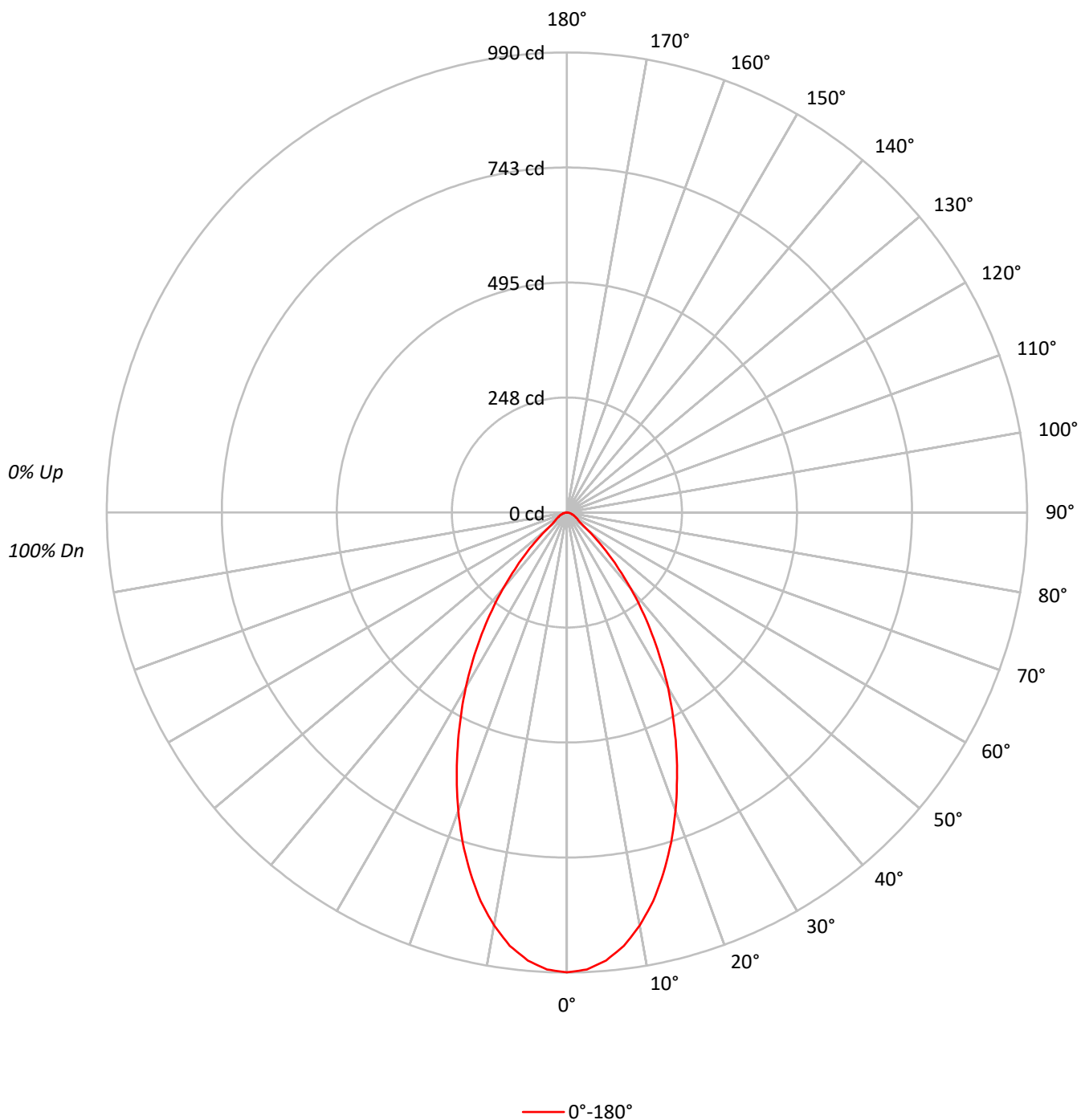
Lumens per Lamp: N/A
Luminaire Lumens: 925.0 lumens
Efficiency: N/A
Efficacy: 43.6 lumens/watt
Spacing Criteria (0/90/45): 0.82 / 0.82 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
Input Voltage (V): NR
Input Current (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
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
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°	216978
5°	212986
10°	200842
15°	182271
20°	159427
25°	134476
30°	110118
35°	85421
40°	61143
45°	38702
50°	19309
55°	11813
60°	10175
65°	9340
70°	8271
75°	7625
80°	6440
85°	6542

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 38702 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	90.3	9.8
10°-20°	223.4	24.2
20°-30°	254.4	27.5
30°-40°	199.0	21.5
40°-50°	97.7	10.6
50°-60°	30.1	3.2
60°-70°	17.8	1.9
70°-80°	9.5	1.0
80°-90°	2.8	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°	568.1	61.4
0°-40°	767.1	82.9
0°-60°	894.9	96.7
0°-90°	925.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	925.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	990	
5°	968	90
15°	803	223
25°	556	254
35°	319	199
45°	125	98
55°	31	30
65°	18	18
75°	9	9
85°	3	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	989.5
2.5°	984.3
5°	967.6
7.5°	940.6
10°	902.0
12.5°	856.9
15°	802.9
17.5°	745.0
20°	683.2
22.5°	618.9
25°	555.8
27.5°	494.1
30°	434.9
32.5°	375.7
35°	319.1
37.5°	265.1
40°	213.6
42.5°	166.0
45°	124.8
47.5°	87.5
50°	56.6
52.5°	37.3
55°	30.9
57.5°	27.0
60°	23.2
62.5°	20.6
65°	18.0
67.5°	15.4
70°	12.9
72.5°	10.3
75°	9.0
77.5°	7.7
80°	5.1
82.5°	3.9
85°	2.6
87.5°	1.3
90°	0.0

(END OF REPORT)