

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: P1287359

Luminaire Tested: P3AS13R709030D2WDE010 E3DL1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1287359
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-47)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R709030D2WDE010 E3DL1H
Description: 3in Adjustable Dim to Warm LED luminaire with, R70 optic, 3000K CCT AND, 90CRI , E3DL1H TRIM
Light Source: -
Ballast/Driver: -

Summary

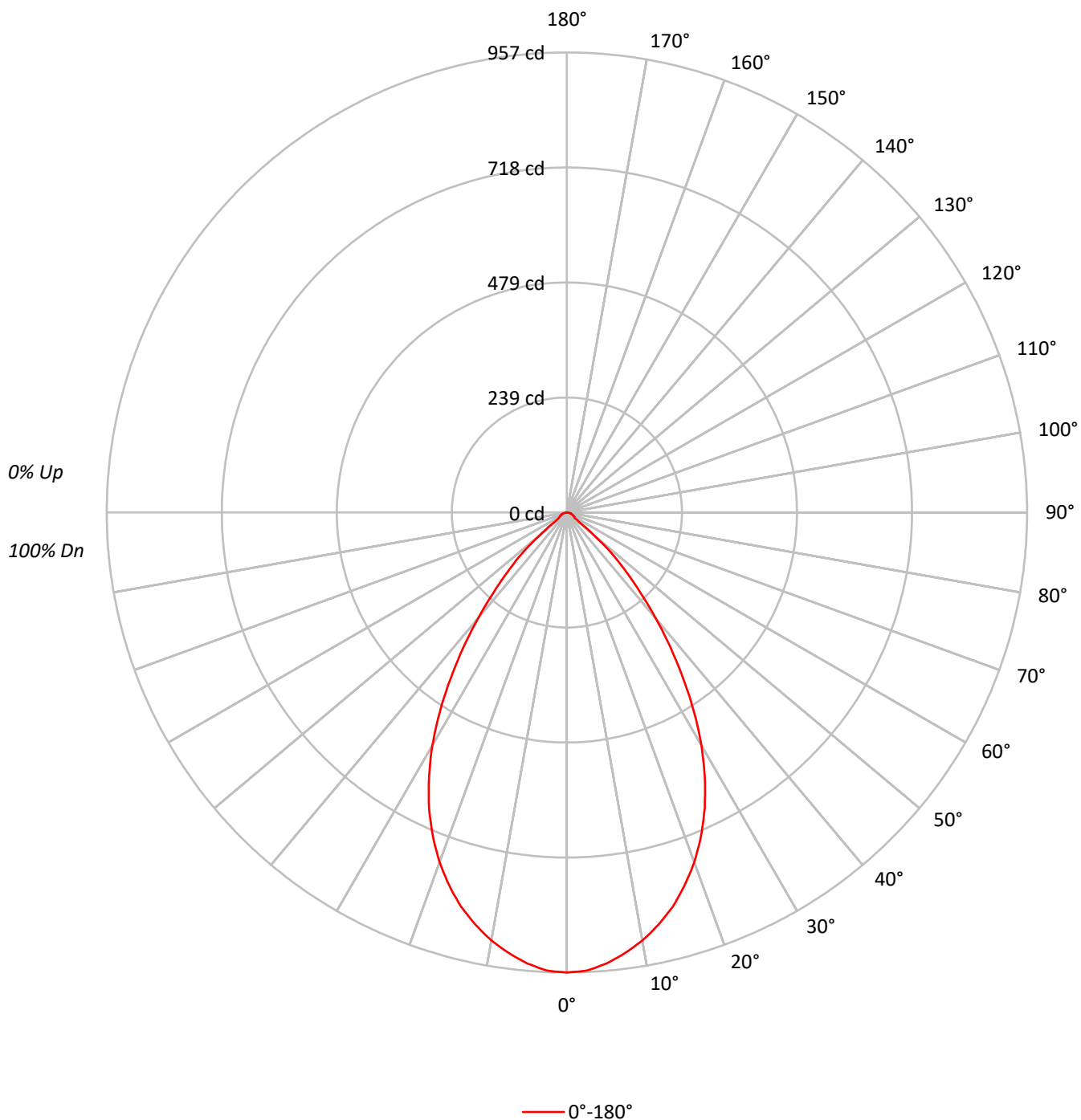
Lumens per Lamp: N/A
Luminaire Lumens: 1084.1 lumens
Efficiency: N/A
Efficacy: 53.9 lumens/watt
Spacing Criteria (0/90/45): 0.97 / 0.97 / 0.98
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 20.1
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
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	113	110	107	104	110	107	105	103	103	101	100		100	98	97		96
2	106	101	96	93	104	99	95	92	96	92	90		93	90	88		90
3	100	93	88	83	98	92	87	82	89	85	81		86	83	80		84
4	94	86	80	75	93	85	79	75	83	78	74		81	76	73		79
5	89	80	73	69	87	79	73	68	77	72	68		75	71	67		74
6	84	74	68	63	82	73	67	63	72	66	62		70	65	62		69
7	79	69	62	58	78	68	62	58	67	61	57		66	61	57		65
8	75	65	58	53	74	64	58	53	63	57	53		62	57	53		61
9	71	60	54	50	70	60	54	50	59	53	49		58	53	49		57
10	67	57	50	46	66	56	50	46	55	50	46		55	49	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	209852
5°	207329
10°	201355
15°	192827
20°	180616
25°	164090
30°	141743
35°	112966
40°	82268
45°	54083
50°	25347
55°	7837
60°	7543
65°	7264
70°	6924
75°	7286
80°	6819
85°	5535

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 54083 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	88.7	8.2
10°-20°	237.7	21.9
20°-30°	308.9	28.5
30°-40°	262.2	24.2
40°-50°	135.2	12.5
50°-60°	26.1	2.4
60°-70°	14.1	1.3
70°-80°	8.7	0.8
80°-90°	2.5	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°	635.4	58.6
0°-40°	897.5	82.8
0°-60°	1058.8	97.7
0°-90°	1084.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1084.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	957	
5°	942	89
15°	849	238
25°	678	309
35°	422	262
45°	174	135
55°	20	26
65°	14	14
75°	9	9
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	957.0
2.5°	953.8
5°	941.9
7.5°	924.7
10°	904.3
12.5°	878.4
15°	849.4
17.5°	813.8
20°	774.0
22.5°	728.8
25°	678.2
27.5°	621.1
30°	559.8
32.5°	492.0
35°	422.0
37.5°	353.1
40°	287.4
42.5°	226.1
45°	174.4
47.5°	128.1
50°	74.3
52.5°	32.3
55°	20.5
57.5°	19.4
60°	17.2
62.5°	16.1
65°	14.0
67.5°	12.9
70°	10.8
72.5°	9.7
75°	8.6
77.5°	6.5
80°	5.4
82.5°	3.2
85°	2.2
87.5°	1.1
90°	0.0

(END OF REPORT)