

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: P1287623

Luminaire Tested: P3AS17R559030D2WDE010 E3DLD1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1287623
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-34)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R559030D2WDE010 E3DLD1H
Description: 3in Adjustable Dim to Warm LED luminaire with, R55 optic, 3000K CCT AND, 90CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

Summary

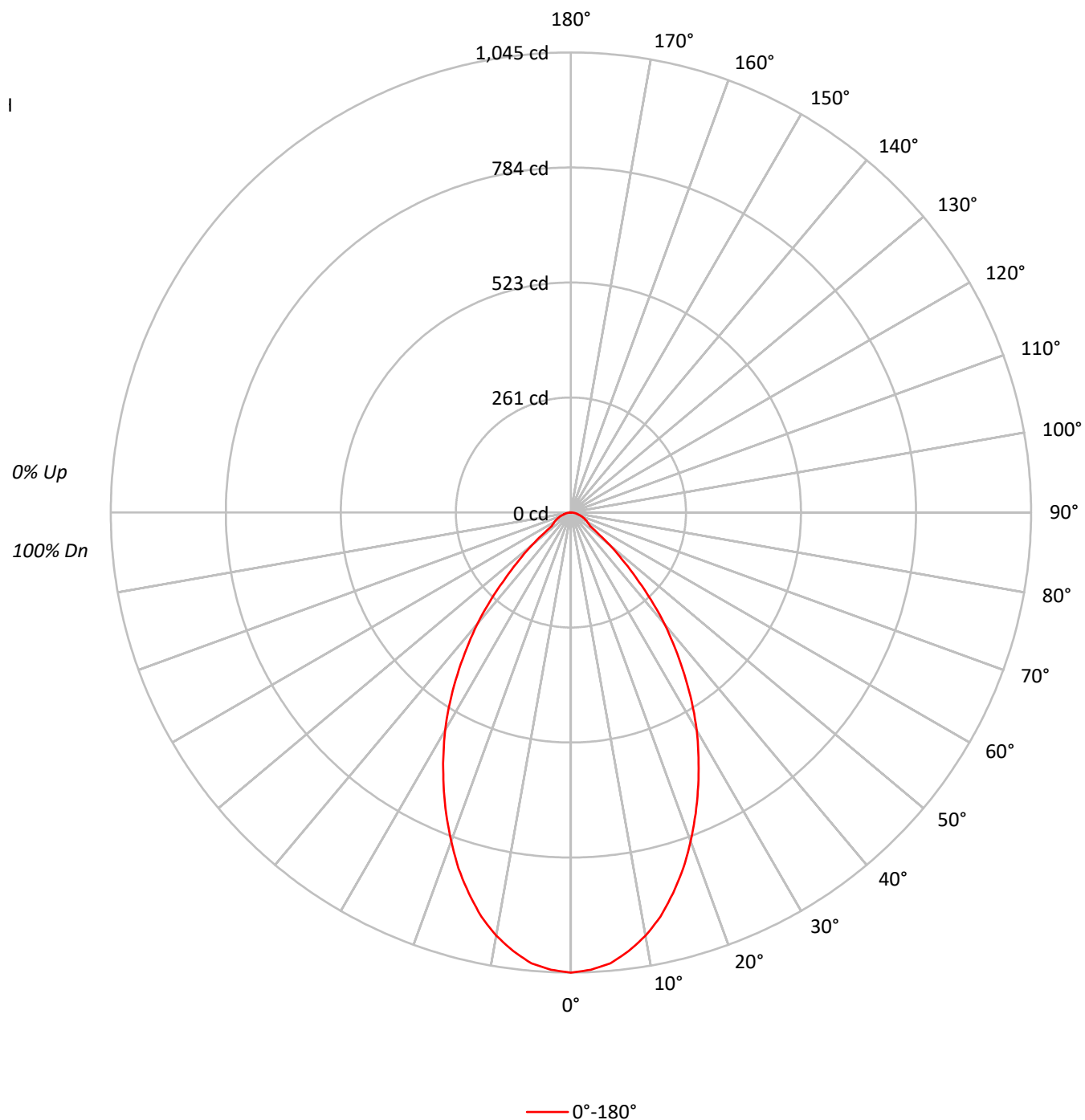
Lumens per Lamp: N/A
Luminaire Lumens: 1219.0 lumens
Efficiency: N/A
Efficacy: 44.7 lumens/watt
Spacing Criteria (0/90/45): 0.91 / 0.91 / 0.97
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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
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	112	109	106	103	110	107	104	102	103	100	98		99	97	95		95
2	105	100	95	91	103	98	93	90	94	91	88		91	88	86		89
3	99	91	85	81	97	90	84	80	87	82	79		85	81	77		82
4	93	84	77	72	91	83	77	72	80	75	71		78	74	70		76
5	87	77	71	66	85	76	70	65	75	69	65		73	68	64		71
6	82	72	65	60	80	71	64	60	69	64	59		68	63	59		66
7	77	67	60	55	76	66	59	55	65	59	54		63	58	54		62
8	73	62	55	51	72	62	55	51	60	55	50		59	54	50		58
9	69	58	51	47	68	58	51	47	57	51	47		56	50	46		55
10	65	55	48	44	64	54	48	44	53	47	43		52	47	43		52

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	229214
5°	226282
10°	217342
15°	203293
20°	185446
25°	165469
30°	144731
35°	120247
40°	94778
45°	64286
50°	39299
55°	20377
60°	18946
65°	17953
70°	16605
75°	14657
80°	14522
85°	10819

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 64286 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	96.4	7.9
10°-20°	250.3	20.5
20°-30°	313.4	25.7
30°-40°	279.8	23.0
40°-50°	163.8	13.4
50°-60°	56.6	4.6
60°-70°	34.2	2.8
70°-80°	19.0	1.6
80°-90°	5.5	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°	660.1	54.2
0°-40°	939.9	77.1
0°-60°	1160.3	95.2
0°-90°	1219.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1219.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1045	
5°	1028	96
15°	896	250
25°	684	313
35°	449	280
45°	207	164
55°	53	57
65°	35	34
75°	17	19
85°	4	5
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1045.3
2.5°	1039.5
5°	1028.0
7.5°	1004.9
10°	976.1
12.5°	940.1
15°	895.5
17.5°	848.0
20°	794.7
22.5°	740.0
25°	683.9
27.5°	627.7
30°	571.6
32.5°	511.1
35°	449.2
37.5°	388.7
40°	331.1
42.5°	269.2
45°	207.3
47.5°	158.4
50°	115.2
52.5°	74.9
55°	53.3
57.5°	47.5
60°	43.2
62.5°	38.9
65°	34.6
67.5°	30.2
70°	25.9
72.5°	21.6
75°	17.3
77.5°	14.4
80°	11.5
82.5°	7.2
85°	4.3
87.5°	2.9
90°	0.0

(END OF REPORT)