

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: P1287390

Luminaire Tested: P3AS17R159030D2WDE010 E3DLD1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1287390
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-2)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R159030D2WDE010 E3DLD1H
Description: 3in Adjustable Dim to Warm LED luminaire with, R15 optic, 3000K CCT AND, 90CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

Summary

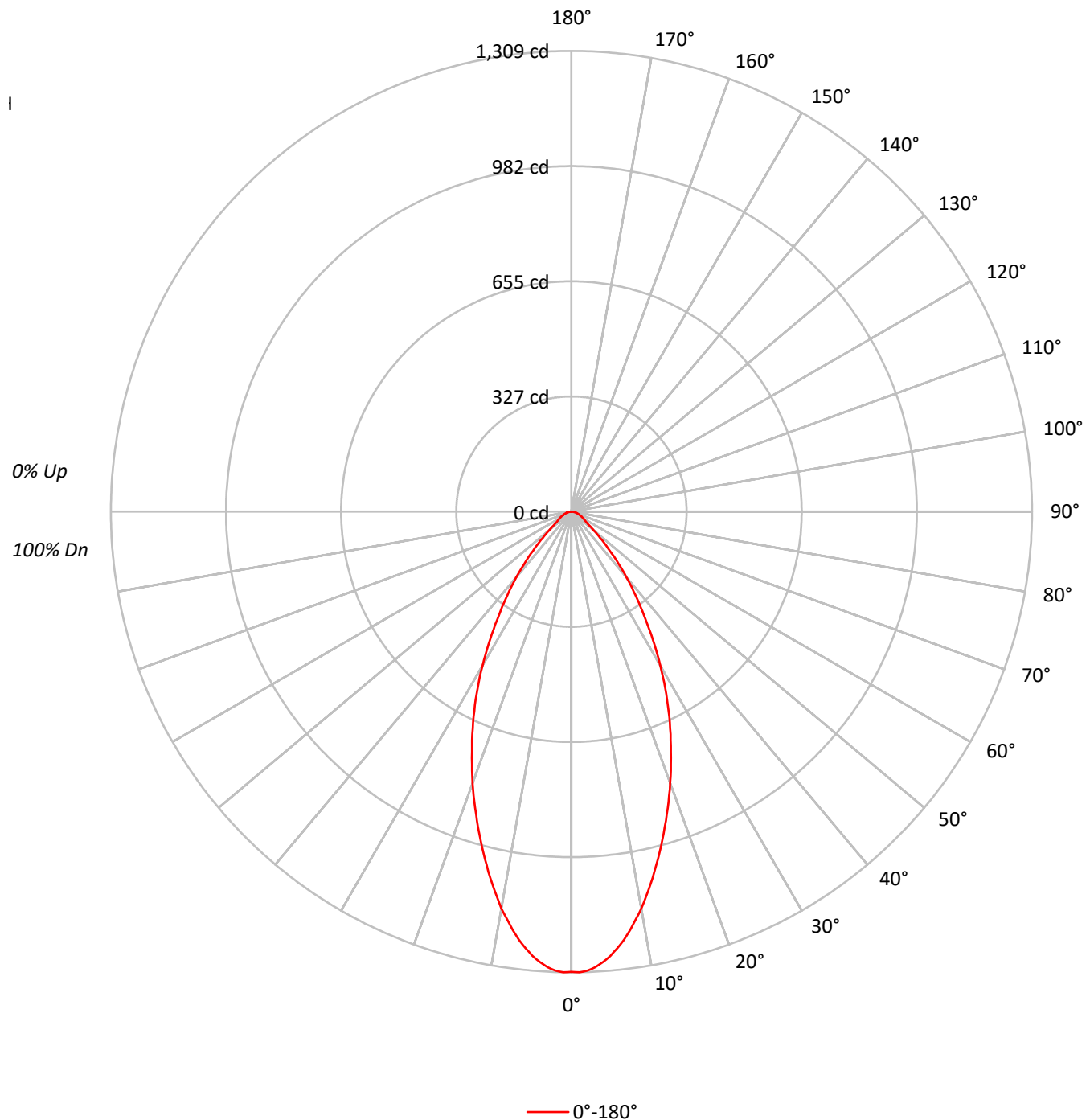
Lumens per Lamp: N/A
Luminaire Lumens: 1136.9 lumens
Efficiency: N/A
Efficacy: 41.6 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	113	109	107	104	110	107	105	102	103	101	99		99	98	96		96
2	106	100	96	92	104	99	95	91	95	92	89		92	90	87		90
3	100	93	87	83	98	91	86	82	89	84	81		86	82	79		84
4	94	86	80	75	92	85	79	74	82	77	73		80	76	73		78
5	89	80	73	68	87	79	73	68	77	72	67		75	71	67		74
6	84	74	68	63	83	73	67	63	72	66	62		70	66	62		69
7	80	69	63	58	78	69	63	58	67	62	58		66	61	57		65
8	76	65	59	54	74	65	58	54	63	58	54		62	57	54		61
9	72	61	55	51	71	61	55	51	60	54	50		59	54	50		58
10	68	58	52	48	67	57	51	47	57	51	47		56	51	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	286797
5°	279022
10°	254972
15°	223338
20°	191583
25°	159953
30°	128020
35°	96021
40°	69673
45°	45555
50°	28485
55°	19268
60°	17060
65°	15670
70°	14746
75°	13386
80°	12754
85°	10819

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 45555 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	117.0	10.3
10°-20°	274.1	24.1
20°-30°	302.0	26.6
30°-40°	226.2	19.9
40°-50°	117.2	10.3
50°-60°	48.6	4.3
60°-70°	30.1	2.6
70°-80°	16.9	1.5
80°-90°	4.9	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°	693.1	61.0
0°-40°	919.3	80.9
0°-60°	1085.1	95.4
0°-90°	1136.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1136.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1308	
5°	1268	117
15°	984	274
25°	661	302
35°	359	226
45°	147	117
55°	50	49
65°	30	30
75°	16	17
85°	4	5
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1307.9
1°	1309.3
2°	1305.0
3°	1296.4
4°	1283.4
5°	1267.6
6°	1247.4
7°	1225.8
8°	1199.9
9°	1172.5
10°	1145.1
12.5°	1065.9
15°	983.8
17.5°	901.7
20°	821.0
22.5°	738.9
25°	661.1
27.5°	583.4
30°	505.6
32.5°	429.2
35°	358.7
37.5°	298.2
40°	243.4
42.5°	193.0
45°	146.9
47.5°	110.9
50°	83.5
52.5°	61.9
55°	50.4
57.5°	44.7
60°	38.9
62.5°	34.6
65°	30.2
67.5°	25.9
70°	23.0
72.5°	18.7
75°	15.8
77.5°	13.0
80°	10.1
82.5°	7.2
85°	4.3
87.5°	1.4
90°	0.0

(END OF REPORT)