

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: P1287684

Luminaire Tested: P3AS17R659030D2WDE010 E3DLD1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1287684
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-42)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R659030D2WDE010 E3DLD1WH
Description: 3in Adjustable Dim to Warm LED luminaire with, R65 optic, 3000K CCT AND, 90CRI ,
E3DLD1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

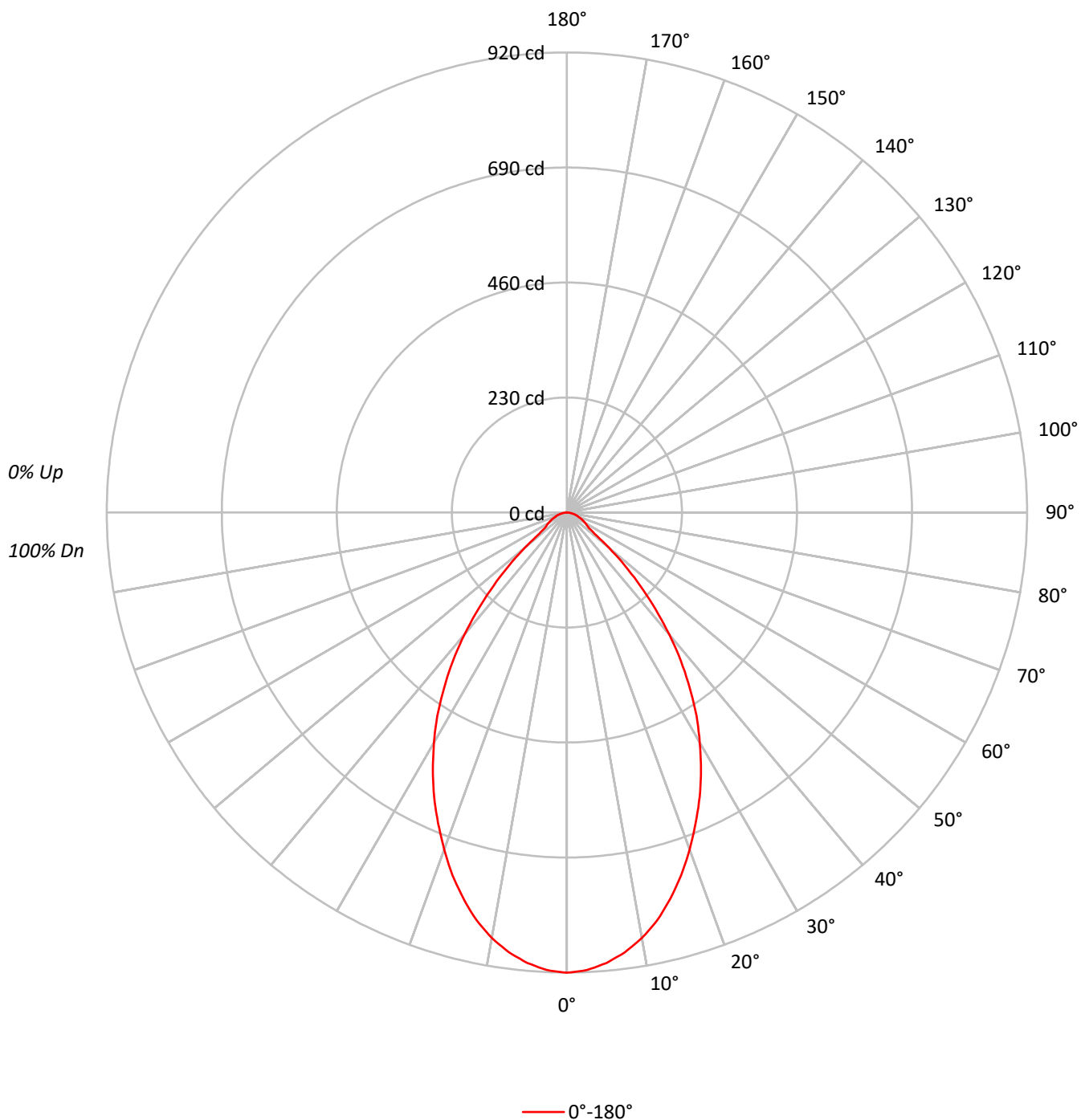
Lumens per Lamp: N/A
Luminaire Lumens: 1134.0 lumens
Efficiency: N/A
Efficacy: 41.5 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	0
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102	102	102	100
1	112	109	106	103	110	107	104	101	102	100	98		99	97	95		95	94	93	91
2	105	99	94	90	103	97	93	89	94	90	87		91	88	85		88	86	84	82
3	99	91	85	80	96	89	84	79	87	82	78		84	80	77		82	78	76	74
4	92	83	77	72	90	82	76	71	80	75	70		78	73	70		76	72	69	67
5	87	77	70	65	85	76	69	65	74	68	64		72	67	63		71	66	63	61
6	82	71	64	59	80	70	64	59	69	63	58		67	62	58		66	61	58	56
7	77	66	59	54	75	65	59	54	64	58	54		63	57	53		61	57	53	51
8	72	61	55	50	71	61	54	50	60	54	49		59	53	49		58	53	49	47
9	68	57	51	46	67	57	50	46	56	50	46		55	49	46		54	49	45	44
10	65	54	47	43	64	53	47	43	52	47	43		52	46	42		51	46	42	41

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	201804
5°	199075
10°	192403
15°	181454
20°	167361
25°	151920
30°	134552
35°	114492
40°	91114
45°	64317
50°	37355
55°	20377
60°	18946
65°	17174
70°	15708
75°	14657
80°	12754
85°	10819

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 64317 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	85.1	7.5
10°-20°	223.6	19.7
20°-30°	287.4	25.3
30°-40°	265.9	23.4
40°-50°	160.5	14.2
50°-60°	54.7	4.8
60°-70°	32.9	2.9
70°-80°	18.6	1.6
80°-90°	5.3	0.5
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°	596.1	52.6
0°-40°	861.9	76.0
0°-60°	1077.2	95.0
0°-90°	1134.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1134.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	920	
5°	904	85
15°	799	224
25°	628	287
35°	428	266
45°	207	160
55°	53	55
65°	33	33
75°	17	19
85°	4	5
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	920.3
2.5°	916.0
5°	904.4
7.5°	887.2
10°	864.1
12.5°	835.3
15°	799.3
17.5°	760.4
20°	717.2
22.5°	672.6
25°	627.9
27.5°	580.4
30°	531.4
32.5°	482.5
35°	427.7
37.5°	374.5
40°	318.3
42.5°	262.1
45°	207.4
47.5°	157.0
50°	109.5
52.5°	69.1
55°	53.3
57.5°	47.5
60°	43.2
62.5°	37.4
65°	33.1
67.5°	28.8
70°	24.5
72.5°	21.6
75°	17.3
77.5°	14.4
80°	10.1
82.5°	7.2
85°	4.3
87.5°	2.9
90°	0.0

(END OF REPORT)