

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: P1287451

Luminaire Tested: P3AS17R259030D2WDE010 E3DLD1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1287451
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-10)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R259030D2WDE010 E3DLD1WH
Description: 3in Adjustable Dim to Warm LED luminaire with, R25 optic, 3000K CCT AND, 90CRI ,
E3DLD1WH TRIM
Light Source: -
Ballast/Driver: -

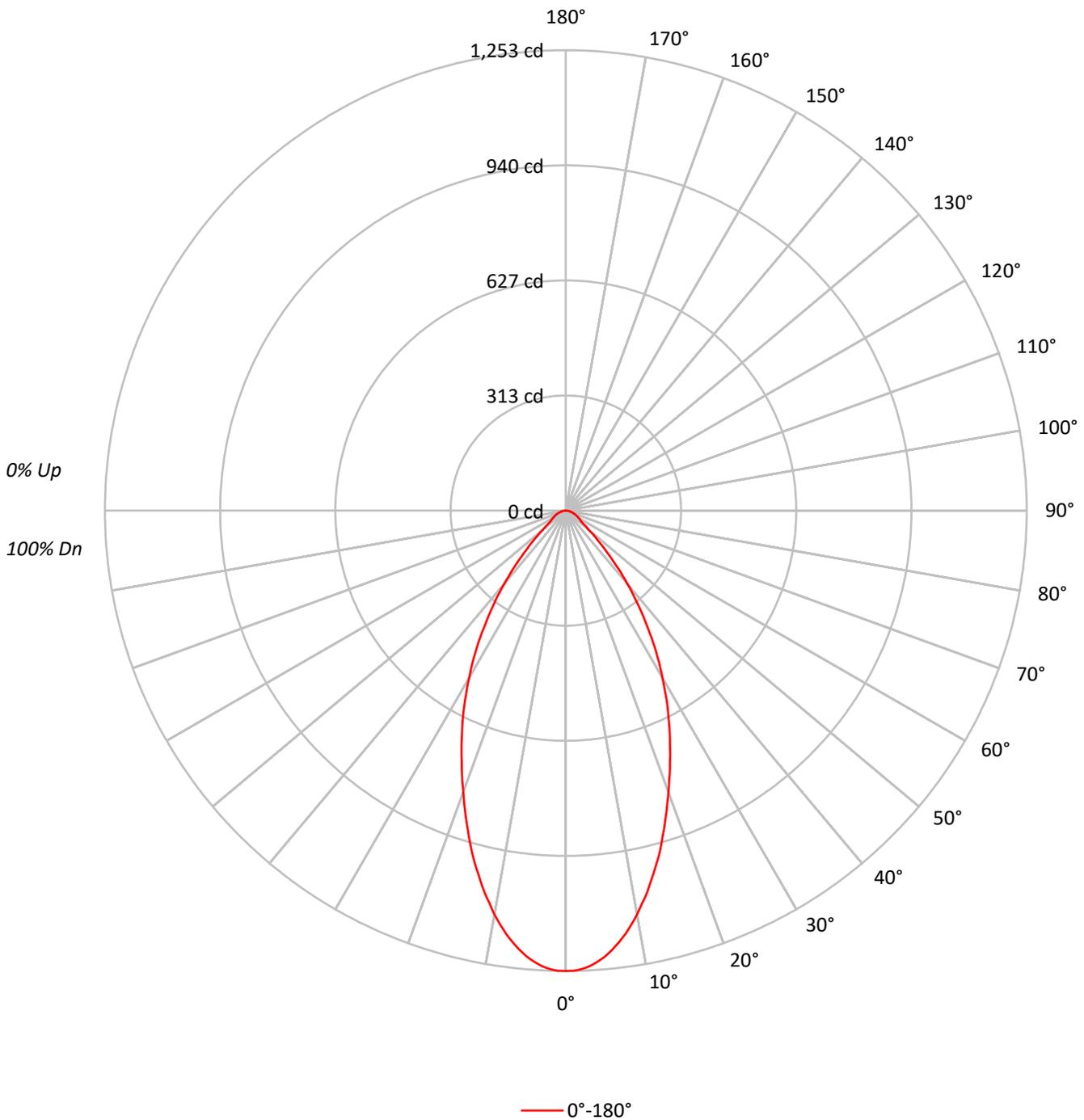
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1156.0 lumens
Efficiency: N/A
Efficacy: 42.3 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
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	50	30	10	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100			100
1	112	109	106	104	110	107	105	102	103	101	99	99	98	96	96	94	93	91			91
2	106	100	96	92	104	99	94	91	95	92	89	92	89	87	89	87	85	83			83
3	100	92	87	82	98	91	86	82	88	84	80	86	82	79	83	80	78	76			76
4	94	85	79	74	92	84	78	74	82	77	73	80	76	72	78	74	71	70			70
5	89	79	73	68	87	78	72	68	76	71	67	75	70	66	73	69	66	64			64
6	84	74	67	62	82	73	67	62	71	66	62	70	65	61	69	64	61	59			59
7	79	69	62	58	78	68	62	58	67	61	57	66	61	57	65	60	57	55			55
8	75	65	58	54	74	64	58	53	63	57	53	62	57	53	61	56	53	51			51
9	71	61	54	50	70	60	54	50	59	54	50	58	53	50	57	53	49	48			48
10	68	57	51	47	67	57	51	47	56	50	47	55	50	46	54	50	46	45			45

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	274737
5°	268192
10°	248515
15°	221341
20°	190207
25°	161671
30°	133084
35°	103704
40°	74626
45°	47354
50°	28008
55°	19268
60°	17674
65°	16448
70°	14746
75°	13386
80°	12754
85°	10819

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 47354 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	113.0	9.8
10°-20°	270.7	23.4
20°-30°	305.8	26.5
30°-40°	241.9	20.9
40°-50°	122.2	10.6
50°-60°	48.9	4.2
60°-70°	31.3	2.7
70°-80°	17.3	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°	689.5	59.6
0°-40°	931.4	80.6
0°-60°	1102.5	95.4
0°-90°	1156.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1156.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1253	
5°	1218	113
15°	975	271
25°	668	306
35°	387	242
45°	153	122
55°	50	49
65°	32	31
75°	16	17
85°	4	5
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1252.9
1°	1252.9
2°	1248.6
3°	1241.4
4°	1231.3
5°	1218.4
6°	1202.5
7°	1183.8
8°	1163.6
9°	1140.6
10°	1116.1
11°	1088.7
12°	1062.8
13°	1032.6
14°	1003.8
15°	975.0
17.5°	894.3
20°	815.1
22.5°	740.2
25°	668.2
27.5°	597.7
30°	525.6
32.5°	458.0
35°	387.4
37.5°	322.6
40°	260.7
42.5°	203.1
45°	152.7
47.5°	113.8
50°	82.1
52.5°	61.9
55°	50.4
57.5°	46.1
60°	40.3
62.5°	36.0
65°	31.7
67.5°	27.4
70°	23.0
72.5°	20.2
75°	15.8
77.5°	13.0
80°	10.1
82.5°	7.2
85°	4.3
87.5°	1.4



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)