

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: P1272671

Luminaire Tested: P3AS20R359827D010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1272671
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-19)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R359827D010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R35 optic, 2700K CCT AND, 98CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

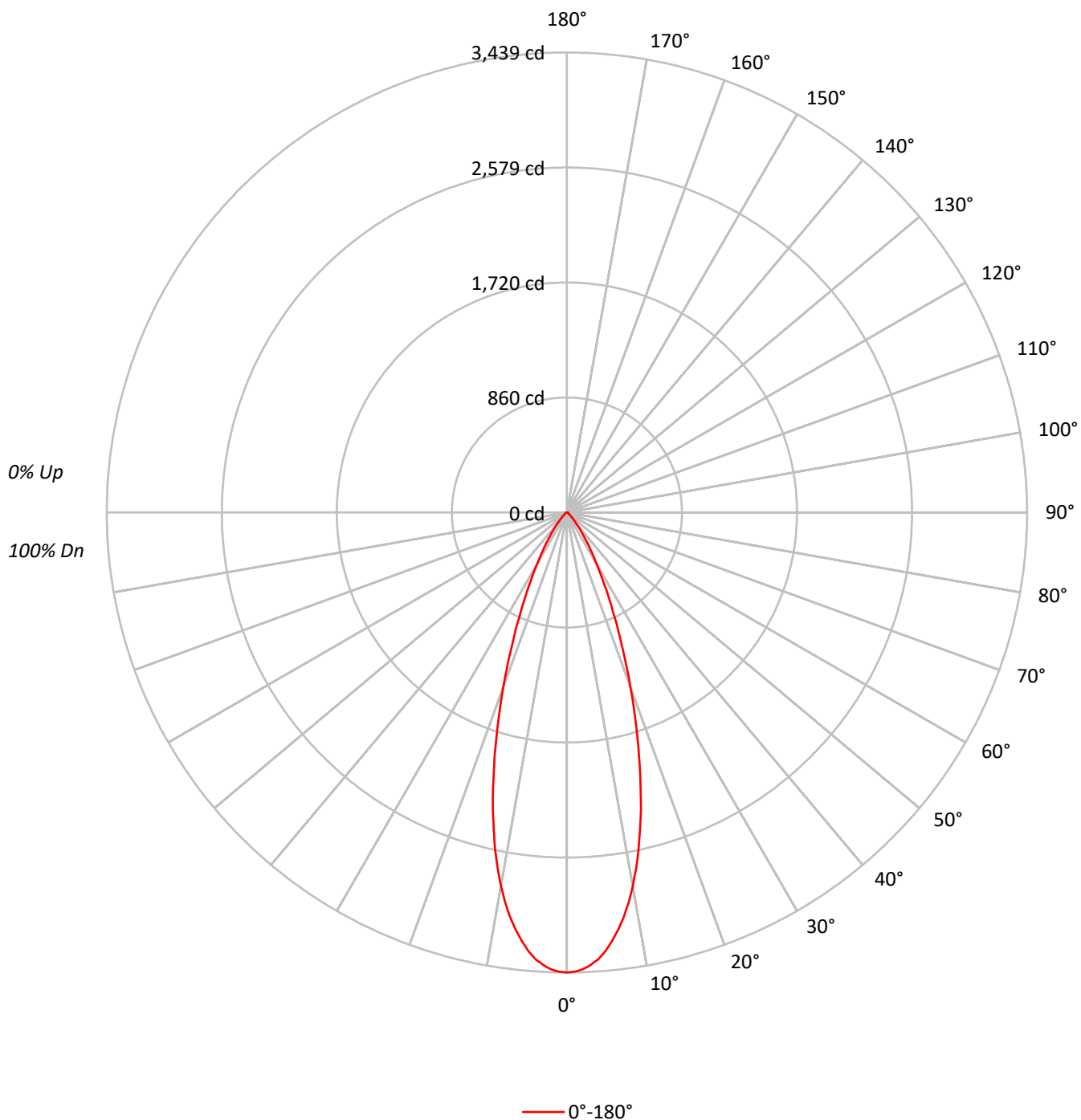
Lumens per Lamp: N/A
Luminaire Lumens: 1495.0 lumens
Efficiency: N/A
Efficacy: 54.6 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.58
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 27.4
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	114	112	109	107	112	109	107	106	105	104	102		102	100	99		98
2	109	105	101	98	107	103	100	97	100	97	95		97	95	93		94
3	105	99	95	91	103	98	94	90	95	92	89		93	90	88		91
4	100	94	89	85	99	93	88	85	91	87	84		89	85	83		87
5	96	89	84	80	95	88	83	80	86	82	79		85	81	78		83
6	92	85	80	76	91	84	79	76	83	78	75		81	77	75		80
7	89	81	76	72	88	80	75	72	79	75	71		78	74	71		77
8	85	77	72	69	84	77	72	68	76	71	68		75	71	68		74
9	82	74	69	66	81	74	69	65	73	68	65		72	68	65		71
10	79	71	66	63	78	71	66	63	70	66	63		69	65	62		69

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	754019
5°	724651
10°	631384
15°	483612
20°	323545
25°	195786
30°	112346
35°	62801
40°	33377
45°	17211
50°	8256
55°	6537
60°	6228
65°	5189
70°	5450
75°	4829
80°	5430
85°	3522

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 17211 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	299.5	20.0
10°-20°	580.5	38.8
20°-30°	380.0	25.4
30°-40°	154.2	10.3
40°-50°	46.3	3.1
50°-60°	15.7	1.1
60°-70°	10.5	0.7
70°-80°	6.2	0.4
80°-90°	2.1	0.1
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°	1260.0	84.3
0°-40°	1414.2	94.6
0°-60°	1476.2	98.7
0°-90°	1495.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1495.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3439	
5°	3292	300
15°	2130	580
25°	809	380
35°	235	154
45°	56	46
55°	17	16
65°	10	11
75°	6	6
85°	1	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	3438.6
1°	3432.9
2°	3417.2
3°	3386.0
4°	3349.0
5°	3292.1
6°	3221.0
7°	3141.4
8°	3051.8
9°	2949.4
10°	2835.6
11°	2709.1
12°	2576.8
13°	2428.9
14°	2288.1
15°	2130.3
17.5°	1747.7
20°	1386.5
22.5°	1066.6
25°	809.2
27.5°	603.0
30°	443.7
32.5°	325.7
35°	234.6
37.5°	166.4
40°	116.6
42.5°	81.1
45°	55.5
47.5°	37.0
50°	24.2
52.5°	18.5
55°	17.1
57.5°	15.6
60°	14.2
62.5°	12.8
65°	10.0
67.5°	8.5
70°	8.5
72.5°	7.1
75°	5.7
77.5°	4.3
80°	4.3
82.5°	2.8
85°	1.4
87.5°	1.4



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)