

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: P1250006

Luminaire Tested: P3AS20R359027D010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1250006
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-17)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R359027D010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R35 optic, 2700K CCT AND, 90CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

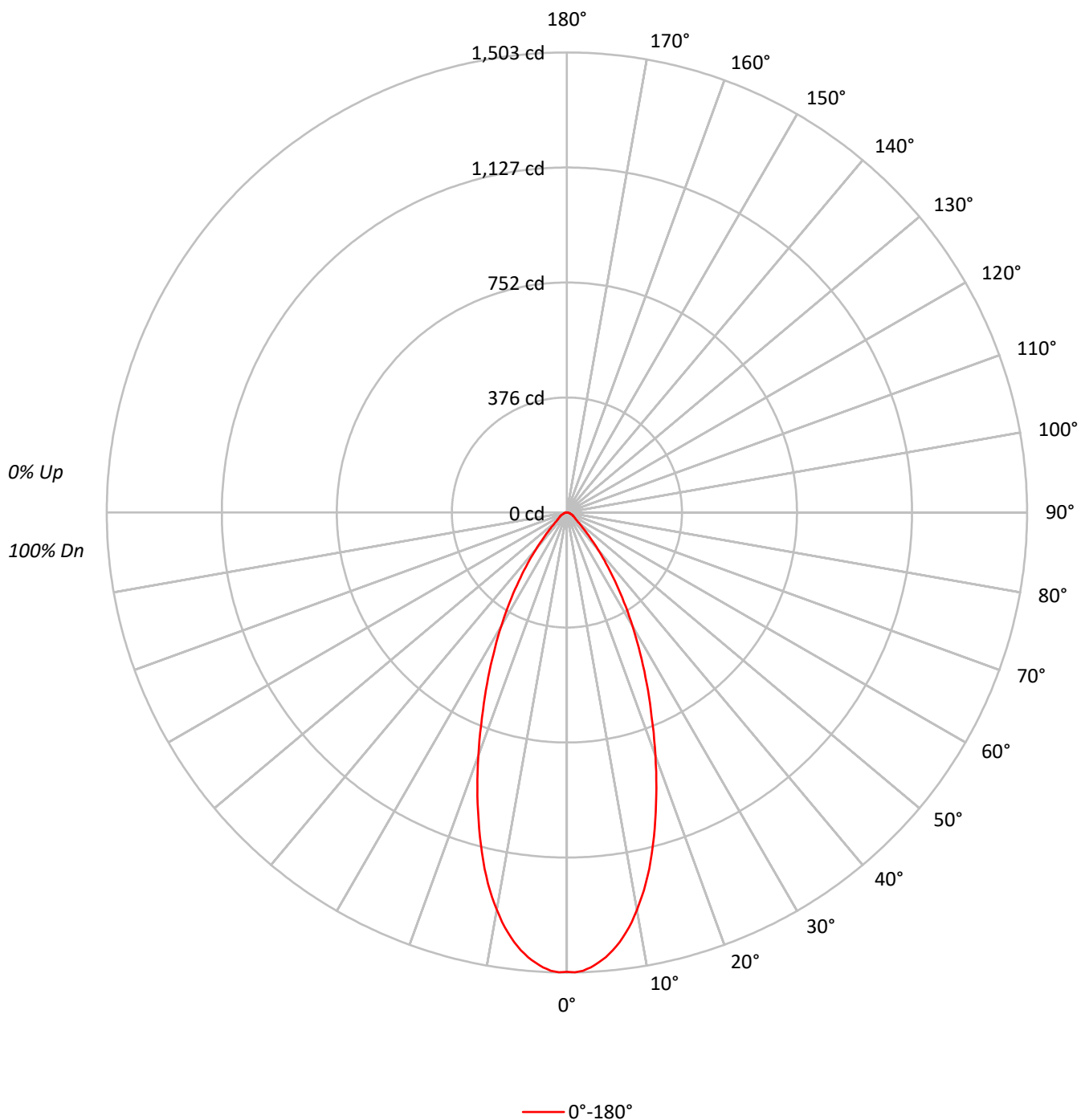
Lumens per Lamp: N/A
Luminaire Lumens: 1024.0 lumens
Efficiency: N/A
Efficacy: 35.6 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.72
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
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	110	108	105	111	108	106	104	104	102	100		100	99	97		97
2	107	102	98	94	105	100	97	93	97	94	91		94	92	89		91
3	102	95	90	86	100	94	89	85	91	87	84		89	85	82		86
4	97	89	83	79	95	88	82	78	86	81	77		84	80	77		82
5	92	83	77	73	90	82	77	73	81	76	72		79	75	71		77
6	87	78	72	68	86	77	72	68	76	71	67		75	70	67		73
7	83	74	68	63	82	73	67	63	72	67	63		71	66	63		69
8	79	70	64	60	78	69	63	59	68	63	59		67	62	59		66
9	76	66	60	56	75	66	60	56	65	59	56		64	59	56		63
10	72	63	57	53	71	62	57	53	61	56	53		61	56	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	329140
5°	321021
10°	293493
15°	249127
20°	197207
25°	149162
30°	108599
35°	73428
40°	45142
45°	25925
50°	15590
55°	12654
60°	11052
65°	9806
70°	8078
75°	8049
80°	7956
85°	8051

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 25925 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	134.8	13.2
10°-20°	302.5	29.5
20°-30°	283.0	27.6
30°-40°	173.2	16.9
40°-50°	68.3	6.7
50°-60°	30.1	2.9
60°-70°	18.7	1.8
70°-80°	10.0	1.0
80°-90°	3.4	0.3
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°	720.3	70.3
0°-40°	893.6	87.3
0°-60°	991.9	96.9
0°-90°	1024.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1024.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1501	
5°	1458	135
15°	1097	303
25°	616	283
35°	274	173
45°	84	68
55°	33	30
65°	19	19
75°	10	10
85°	3	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1501.0
1°	1502.6
2°	1497.9
3°	1488.4
4°	1474.2
5°	1458.4
6°	1437.9
7°	1414.3
8°	1385.9
9°	1354.4
10°	1318.1
11°	1280.3
12°	1239.3
13°	1195.1
14°	1146.3
15°	1097.4
17.5°	971.2
20°	845.1
22.5°	723.7
25°	616.5
27.5°	517.2
30°	428.9
32.5°	346.9
35°	274.3
37.5°	209.7
40°	157.7
42.5°	113.5
45°	83.6
47.5°	59.9
50°	45.7
52.5°	37.8
55°	33.1
57.5°	28.4
60°	25.2
62.5°	22.1
65°	18.9
67.5°	15.8
70°	12.6
72.5°	11.0
75°	9.5
77.5°	7.9
80°	6.3
82.5°	4.7
85°	3.2
87.5°	1.6



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)