

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: P1276813

Luminaire Tested: P3AS20R359835D010 E3DLD1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1276813
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-18)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R359835D010 E3DLD1H
Description: 3in Adjustable LED luminaire with, R35 optic, 3500K CCT AND, 98CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

Summary

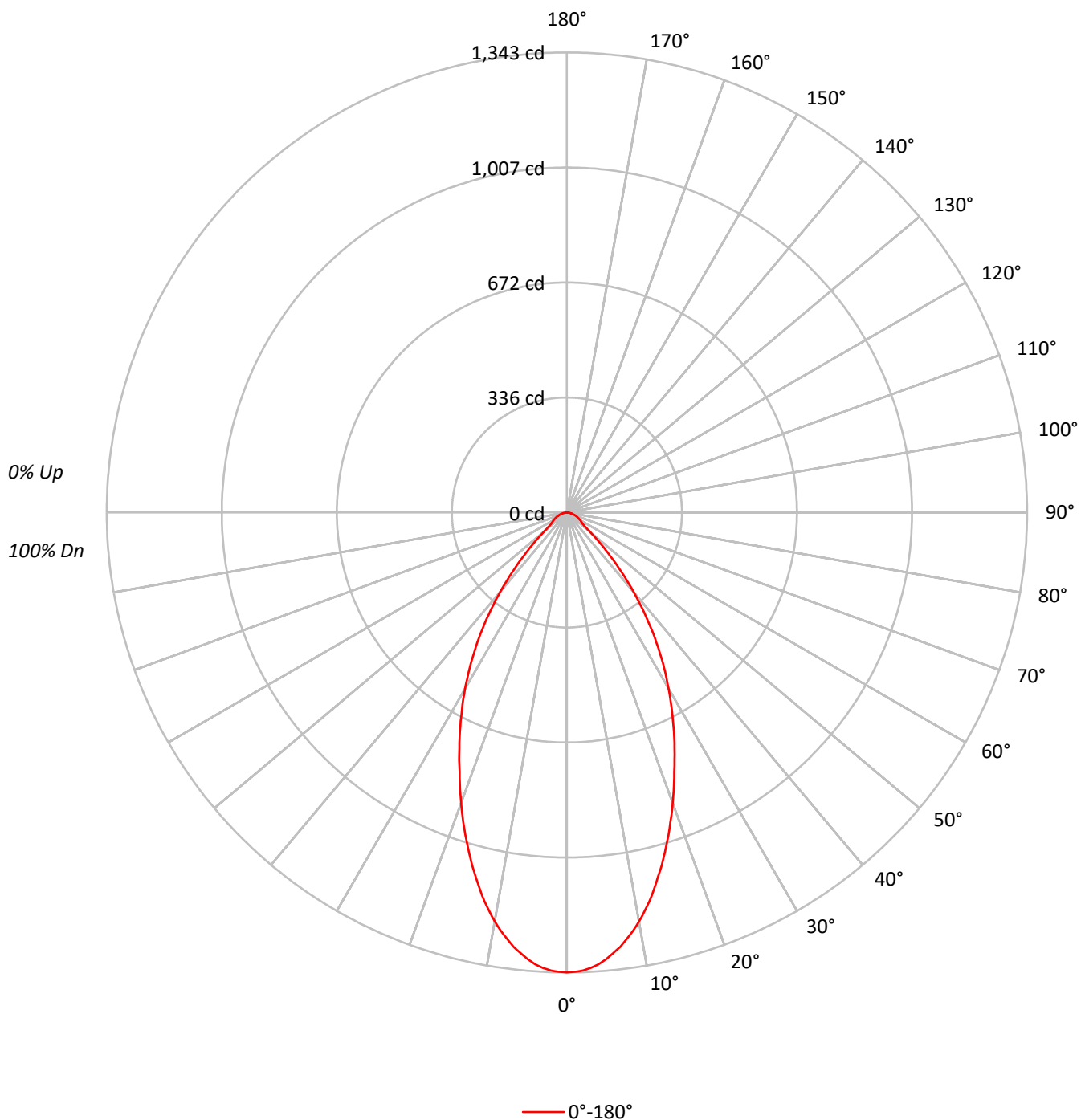
Lumens per Lamp: N/A
Luminaire Lumens: 1289.0 lumens
Efficiency: N/A
Efficacy: 47.0 lumens/watt
Spacing Criteria (0/90/45): 0.8 / 0.8 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	112	109	106	104	110	107	104	102	103	101	99		99	98	96		96
2	106	100	96	92	104	98	94	91	95	92	89		92	89	87		89
3	100	92	87	82	98	91	86	81	88	84	80		86	82	79		83
4	94	85	79	74	92	84	78	74	82	77	73		80	75	72		78
5	89	79	73	68	87	78	72	67	76	71	67		75	70	66		73
6	84	74	67	62	82	73	67	62	71	66	61		70	65	61		68
7	79	69	62	57	78	68	62	57	67	61	57		65	60	57		64
8	75	64	58	53	74	64	57	53	63	57	53		62	56	53		61
9	71	60	54	50	70	60	54	50	59	53	49		58	53	49		57
10	67	57	51	46	66	56	50	46	56	50	46		55	50	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	294450
5°	288201
10°	269913
15°	242272
20°	210765
25°	179599
30°	150428
35°	119819
40°	86619
45°	54827
50°	29884
55°	20721
60°	19560
65°	18160
70°	17375
75°	14827
80°	14143
85°	12077

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 54827 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	121.9	9.5
10°-20°	297.0	23.0
20°-30°	340.3	26.4
30°-40°	277.7	21.5
40°-50°	140.0	10.9
50°-60°	52.0	4.0
60°-70°	34.9	2.7
70°-80°	19.3	1.5
80°-90°	5.9	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°	759.2	58.9
0°-40°	1036.9	80.4
0°-60°	1229.0	95.3
0°-90°	1289.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1289.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1343	
5°	1309	122
15°	1067	297
25°	742	340
35°	448	278
45°	177	140
55°	54	52
65°	35	35
75°	18	19
85°	5	6
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1342.8
1°	1341.2
2°	1338.0
3°	1331.6
4°	1322.1
5°	1309.3
6°	1293.4
7°	1277.5
8°	1256.8
9°	1236.1
10°	1212.2
11°	1186.7
12°	1159.6
13°	1129.3
14°	1097.5
15°	1067.2
17.5°	986.0
20°	903.2
22.5°	818.7
25°	742.3
27.5°	667.4
30°	594.1
32.5°	520.9
35°	447.6
37.5°	374.3
40°	302.6
42.5°	235.7
45°	176.8
47.5°	127.4
50°	87.6
52.5°	63.7
55°	54.2
57.5°	49.4
60°	44.6
62.5°	39.8
65°	35.0
67.5°	30.3
70°	27.1
72.5°	22.3
75°	17.5
77.5°	14.3
80°	11.2
82.5°	8.0
85°	4.8
87.5°	3.2

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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)