

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: P1272675

Luminaire Tested: P3AS20R359827D010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1272675
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: P3AS20R359827D010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 2700K CCT AND, 98CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

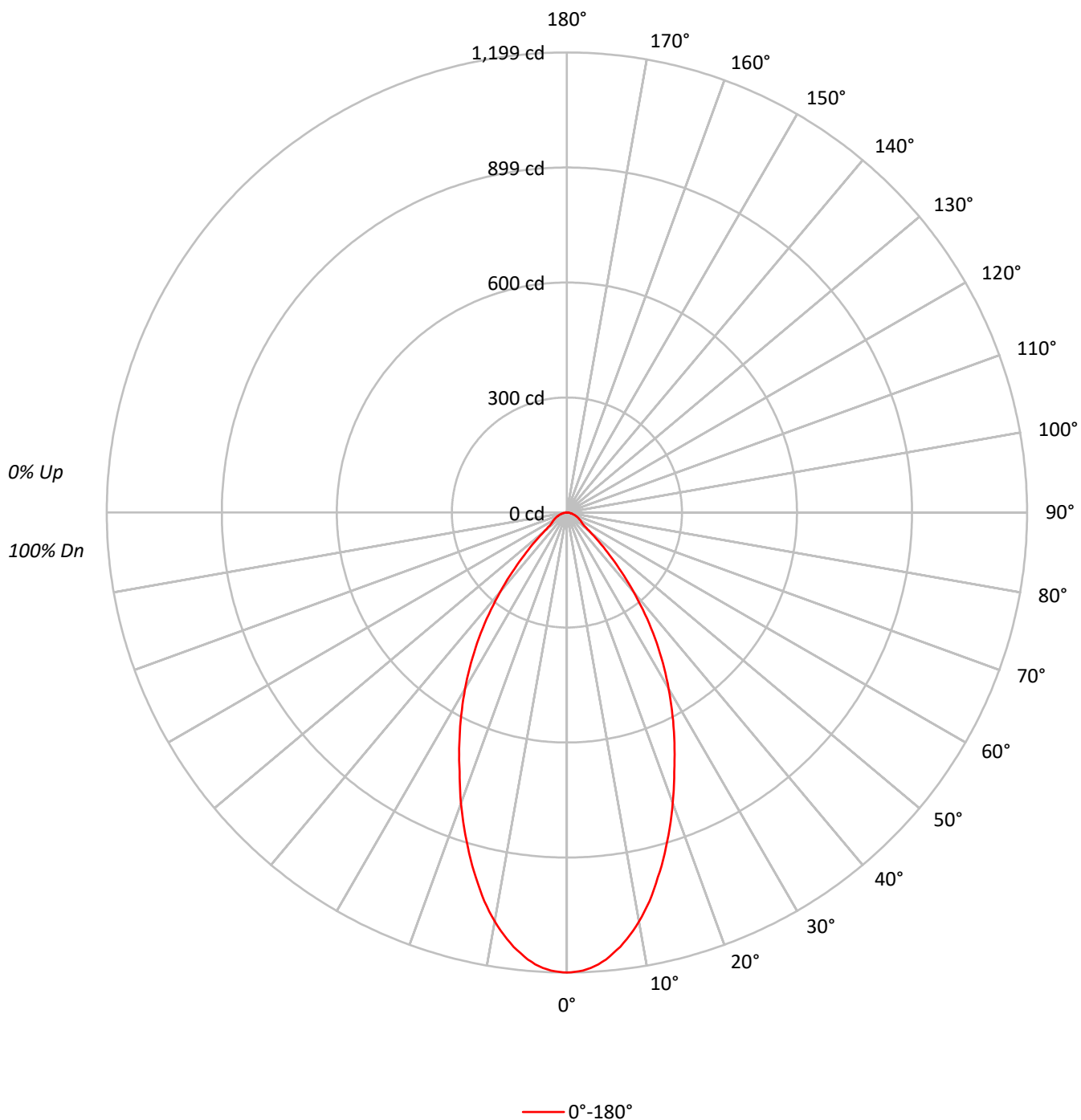
Lumens per Lamp: N/A
Luminaire Lumens: 1151.0 lumens
Efficiency: N/A
Efficacy: 42.0 lumens/watt
Spacing Criteria (0/90/45): 0.8 / 0.8 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	262918
5°	257362
10°	241011
15°	216346
20°	188200
25°	160364
30°	134324
35°	106997
40°	77345
45°	48966
50°	26677
55°	18504
60°	17455
65°	16240
70°	15515
75°	13217
80°	12628
85°	10819

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 48966 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	108.8	9.5
10°-20°	265.2	23.0
20°-30°	303.9	26.4
30°-40°	248.0	21.5
40°-50°	125.0	10.9
50°-60°	46.5	4.0
60°-70°	31.1	2.7
70°-80°	17.2	1.5
80°-90°	5.2	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°	677.9	58.9
0°-40°	925.9	80.4
0°-60°	1097.4	95.3
0°-90°	1151.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1151.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1199	
5°	1169	109
15°	953	265
25°	663	304
35°	400	248
45°	158	125
55°	48	46
65°	31	31
75°	16	17
85°	4	5
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1199.0
1°	1197.6
2°	1194.8
3°	1189.1
4°	1180.5
5°	1169.2
6°	1154.9
7°	1140.7
8°	1122.2
9°	1103.7
10°	1082.4
11°	1059.6
12°	1035.5
13°	1008.4
14°	980.0
15°	953.0
17.5°	880.4
20°	806.5
22.5°	731.1
25°	662.8
27.5°	596.0
30°	530.5
32.5°	465.1
35°	399.7
37.5°	334.2
40°	270.2
42.5°	210.5
45°	157.9
47.5°	113.8
50°	78.2
52.5°	56.9
55°	48.4
57.5°	44.1
60°	39.8
62.5°	35.6
65°	31.3
67.5°	27.0
70°	24.2
72.5°	19.9
75°	15.6
77.5°	12.8
80°	10.0
82.5°	7.1
85°	4.3
87.5°	2.8



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)