

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: P1272621

Luminaire Tested: P3AS20R259827D010 E3DLP1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1272621
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R259827D010 E3DLP1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 2700K CCT AND, 98CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

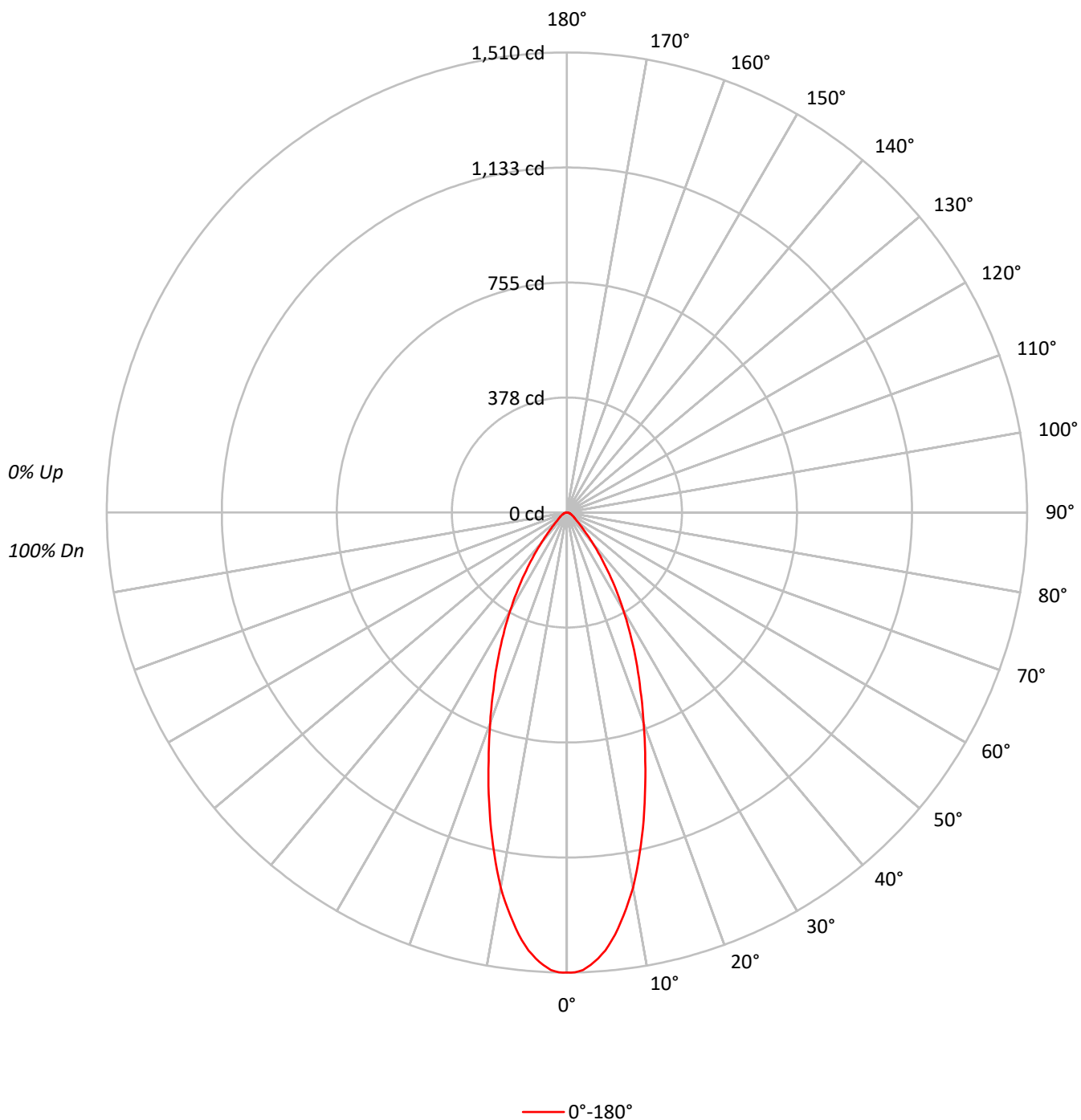
Lumens per Lamp: N/A
Luminaire Lumens: 912.0 lumens
Efficiency: N/A
Efficacy: 33.3 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.68
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	113	110	108	105	111	108	106	104	104	102	101		100	99	98		97
2	107	102	98	95	105	101	97	94	97	94	92		94	92	90		92
3	102	95	90	86	100	94	89	86	91	87	84		89	86	83		87
4	97	89	84	79	95	88	83	79	86	81	78		84	80	77		82
5	92	84	78	74	91	83	77	73	81	76	73		79	75	72		78
6	88	79	73	69	86	78	72	68	77	72	68		75	71	67		74
7	84	74	68	64	82	74	68	64	72	67	64		71	67	63		70
8	80	70	65	60	79	70	64	60	69	64	60		68	63	60		67
9	76	67	61	57	75	66	61	57	65	60	57		65	60	57		64
10	73	64	58	54	72	63	58	54	62	57	54		62	57	54		61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	331114
5°	317653
10°	278285
15°	223679
20°	171865
25°	130024
30°	93964
35°	62426
40°	37842
45°	22049
50°	14055
55°	11431
60°	9955
65°	8873
70°	7309
75°	7202
80°	5430
85°	7045

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 22049 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	131.4	14.4
10°-20°	272.5	29.9
20°-30°	246.4	27.0
30°-40°	148.0	16.2
40°-50°	58.8	6.4
50°-60°	27.1	3.0
60°-70°	16.5	1.8
70°-80°	8.8	1.0
80°-90°	2.5	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°	650.2	71.3
0°-40°	798.2	87.5
0°-60°	884.1	96.9
0°-90°	912.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	912.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1510	
5°	1443	131
15°	985	272
25°	537	246
35°	233	148
45°	71	59
55°	30	27
65°	17	17
75°	8	9
85°	3	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1510.0
1°	1510.0
2°	1502.9
3°	1487.2
4°	1467.3
5°	1443.1
6°	1411.9
7°	1376.3
8°	1335.1
9°	1293.8
10°	1249.8
11°	1198.6
12°	1146.0
13°	1093.4
14°	1040.8
15°	985.3
17.5°	854.5
20°	736.5
22.5°	629.9
25°	537.4
27.5°	450.7
30°	371.1
32.5°	298.6
35°	233.2
37.5°	177.7
40°	132.2
42.5°	96.7
45°	71.1
47.5°	54.0
50°	41.2
52.5°	34.1
55°	29.9
57.5°	25.6
60°	22.7
62.5°	18.5
65°	17.1
67.5°	14.2
70°	11.4
72.5°	10.0
75°	8.5
77.5°	7.1
80°	4.3
82.5°	2.8
85°	2.8
87.5°	1.4



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)