

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: P1258072

Luminaire Tested: P3AS20R259040D010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1258072
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-10)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R259040D010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 4000K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

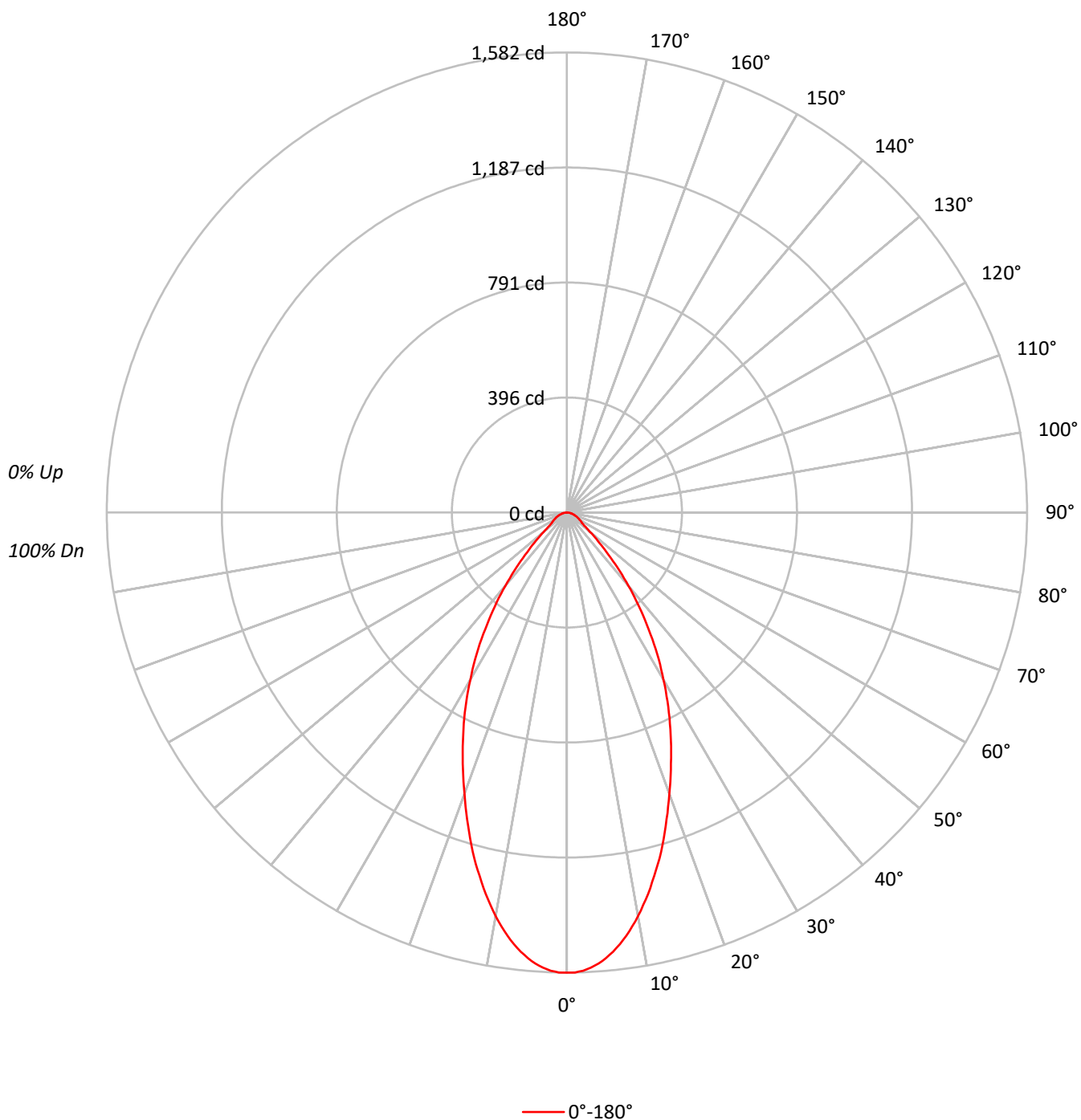
Lumens per Lamp: N/A
Luminaire Lumens: 1460.0 lumens
Efficiency: N/A
Efficacy: 50.7 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	112	109	106	104	110	107	105	102	103	101	99		99	98	96		96
2	106	100	96	92	104	99	94	91	95	92	89		92	89	87		89
3	100	92	87	82	98	91	86	82	88	84	80		86	82	79		83
4	94	85	79	74	92	84	78	74	82	77	73		80	76	72		78
5	89	79	73	68	87	78	72	68	76	71	67		75	70	66		73
6	84	74	67	62	82	73	67	62	71	66	62		70	65	61		69
7	79	69	62	58	78	68	62	58	67	61	57		66	61	57		65
8	75	65	58	54	74	64	58	53	63	57	53		62	57	53		61
9	71	61	54	50	70	60	54	50	59	54	50		58	53	50		57
10	68	57	51	47	67	57	51	47	56	50	47		55	50	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	346990
5°	338696
10°	313866
15°	279548
20°	240238
25°	204181
30°	168102
35°	130982
40°	94234
45°	59789
50°	35376
55°	24353
60°	22323
65°	20754
70°	18657
75°	16945
80°	16037
85°	13838

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 59789 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	142.7	9.8
10°-20°	341.8	23.4
20°-30°	386.2	26.5
30°-40°	305.5	20.9
40°-50°	154.3	10.6
50°-60°	61.8	4.2
60°-70°	39.6	2.7
70°-80°	21.8	1.5
80°-90°	6.2	0.4
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°	870.8	59.6
0°-40°	1176.3	80.6
0°-60°	1392.4	95.4
0°-90°	1460.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1460.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1582	
5°	1539	143
15°	1231	342
25°	844	386
35°	489	306
45°	193	154
55°	64	62
65°	40	40
75°	20	22
85°	6	6
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1582.4
1°	1582.4
2°	1576.9
3°	1567.9
4°	1555.1
5°	1538.7
6°	1518.7
7°	1495.1
8°	1469.6
9°	1440.5
10°	1409.6
11°	1375.1
12°	1342.3
13°	1304.1
14°	1267.7
15°	1231.4
17.5°	1129.5
20°	1029.5
22.5°	934.9
25°	843.9
27.5°	754.8
30°	663.9
32.5°	578.4
35°	489.3
37.5°	407.4
40°	329.2
42.5°	256.5
45°	192.8
47.5°	143.7
50°	103.7
52.5°	78.2
55°	63.7
57.5°	58.2
60°	50.9
62.5°	45.5
65°	40.0
67.5°	34.6
70°	29.1
72.5°	25.5
75°	20.0
77.5°	16.4
80°	12.7
82.5°	9.1
85°	5.5
87.5°	1.8



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)