

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: P1260669

Luminaire Tested: P3AS20R259050D010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1260669
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: P3AS20R259050D010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 5000K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

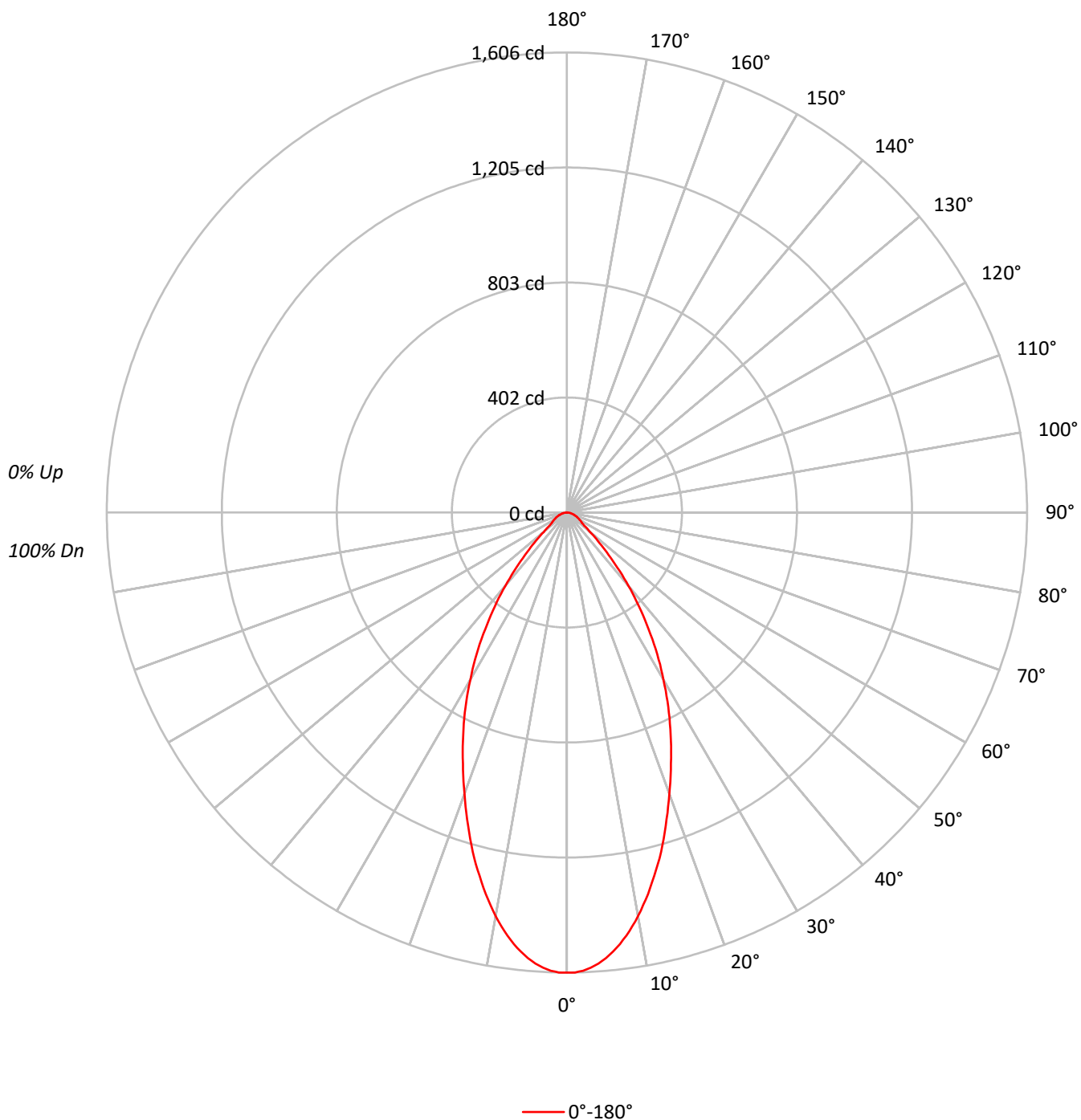
Lumens per Lamp: N/A
Luminaire Lumens: 1482.0 lumens
Efficiency: N/A
Efficacy: 51.5 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	352209
5°	343803
10°	318609
15°	283747
20°	243855
25°	207278
30°	170634
35°	132936
40°	95665
45°	60688
50°	35888
55°	24697
60°	22674
65°	21066
70°	18913
75°	17199
80°	16290
85°	13838

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 60688 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	144.9	9.8
10°-20°	347.0	23.4
20°-30°	392.1	26.5
30°-40°	310.1	20.9
40°-50°	156.6	10.6
50°-60°	62.7	4.2
60°-70°	40.2	2.7
70°-80°	22.1	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°	883.9	59.6
0°-40°	1194.0	80.6
0°-60°	1413.4	95.4
0°-90°	1482.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1482.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1606	
5°	1562	145
15°	1250	347
25°	857	392
35°	497	310
45°	196	157
55°	65	63
65°	41	40
75°	20	22
85°	6	6
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1606.2
1°	1606.2
2°	1600.7
3°	1591.5
4°	1578.6
5°	1561.9
6°	1541.6
7°	1517.6
8°	1491.8
9°	1462.2
10°	1430.9
11°	1395.8
12°	1362.5
13°	1323.8
14°	1286.8
15°	1249.9
17.5°	1146.5
20°	1045.0
22.5°	949.0
25°	856.7
27.5°	766.2
30°	673.9
32.5°	587.1
35°	496.6
37.5°	413.6
40°	334.2
42.5°	260.3
45°	195.7
47.5°	145.9
50°	105.2
52.5°	79.4
55°	64.6
57.5°	59.1
60°	51.7
62.5°	46.2
65°	40.6
67.5°	35.1
70°	29.5
72.5°	25.8
75°	20.3
77.5°	16.6
80°	12.9
82.5°	9.2
85°	5.5
87.5°	1.8



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)