

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: P1252684

Luminaire Tested: P3AS20R309030D010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1252684
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-15)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R309030D010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 3000K CCT AND, 90CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

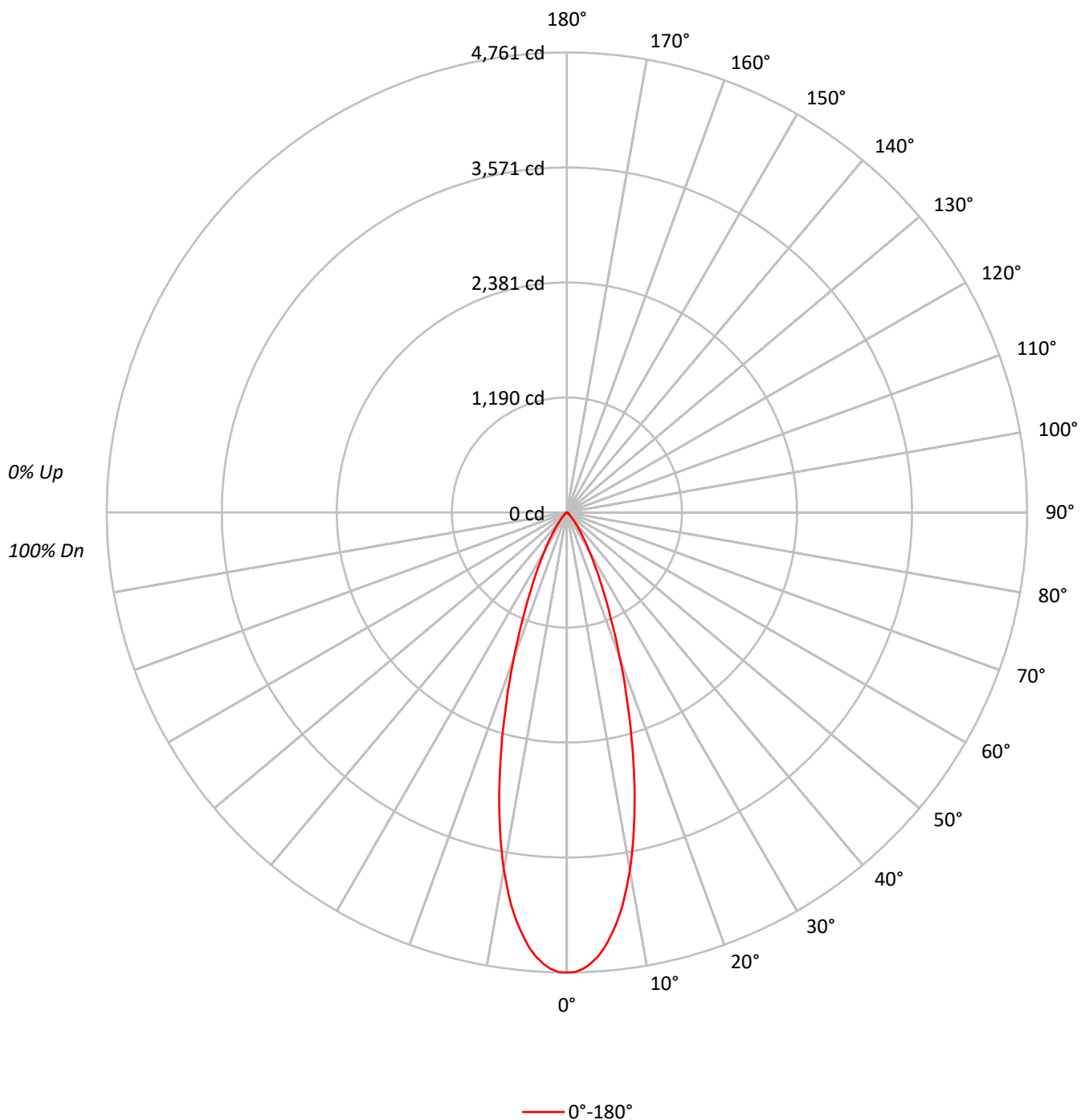
Lumens per Lamp: N/A
Luminaire Lumens: 1789.0 lumens
Efficiency: N/A
Efficacy: 62.1 lumens/watt
Spacing Criteria (0/90/45): 0.54 / 0.54 / 0.54
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	114	112	110	108	112	110	108	106	106	104	103		102	101	100		99
2	110	105	102	99	107	104	101	98	101	98	96		98	96	94		95
3	105	100	96	92	103	98	95	91	96	93	90		94	91	89		91
4	101	95	90	87	99	94	89	86	92	88	85		90	87	84		88
5	97	90	85	82	96	89	85	81	88	84	81		86	83	80		85
6	94	86	81	78	92	85	81	77	84	80	77		83	79	76		81
7	90	82	77	74	89	82	77	74	81	76	73		80	76	73		79
8	87	79	74	71	86	79	74	71	78	73	70		77	73	70		76
9	84	76	71	68	83	75	71	68	75	70	67		74	70	67		73
10	81	73	68	65	80	73	68	65	72	68	65		71	67	65		71

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1043930
5°	993614
10°	835767
15°	602728
20°	373856
25°	212625
30°	118094
35°	64246
40°	33863
45°	18358
50°	9791
55°	6461
60°	5921
65°	6123
70°	5450
75°	4321
80°	4293
85°	4277

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 18358 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	406.5	22.7
10°-20°	722.5	40.4
20°-30°	417.6	23.3
30°-40°	158.5	8.9
40°-50°	48.7	2.7
50°-60°	16.4	0.9
60°-70°	11.1	0.6
70°-80°	6.1	0.3
80°-90°	1.8	0.1
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°	1546.6	86.4
0°-40°	1705.0	95.3
0°-60°	1770.1	98.9
0°-90°	1789.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1789.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	4761	
5°	4514	406
15°	2655	723
25°	879	418
35°	240	158
45°	59	49
55°	17	16
65°	12	11
75°	5	6
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	4760.7
1°	4757.4
2°	4728.6
3°	4674.5
4°	4606.9
5°	4514.0
6°	4395.7
7°	4263.9
8°	4116.8
9°	3941.1
10°	3753.5
11°	3550.7
12°	3336.1
13°	3111.3
14°	2883.1
15°	2655.0
17.5°	2093.9
20°	1602.1
22.5°	1188.1
25°	878.8
27.5°	638.8
30°	466.4
32.5°	336.3
35°	240.0
37.5°	167.3
40°	118.3
42.5°	82.8
45°	59.2
47.5°	40.6
50°	28.7
52.5°	20.3
55°	16.9
57.5°	15.2
60°	13.5
62.5°	11.8
65°	11.8
67.5°	10.1
70°	8.5
72.5°	6.8
75°	5.1
77.5°	5.1
80°	3.4
82.5°	3.4
85°	1.7
87.5°	0.0



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)