

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: P1252690

Luminaire Tested: P3AS20R309030D010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1252690
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-14)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R309030D010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 3000K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

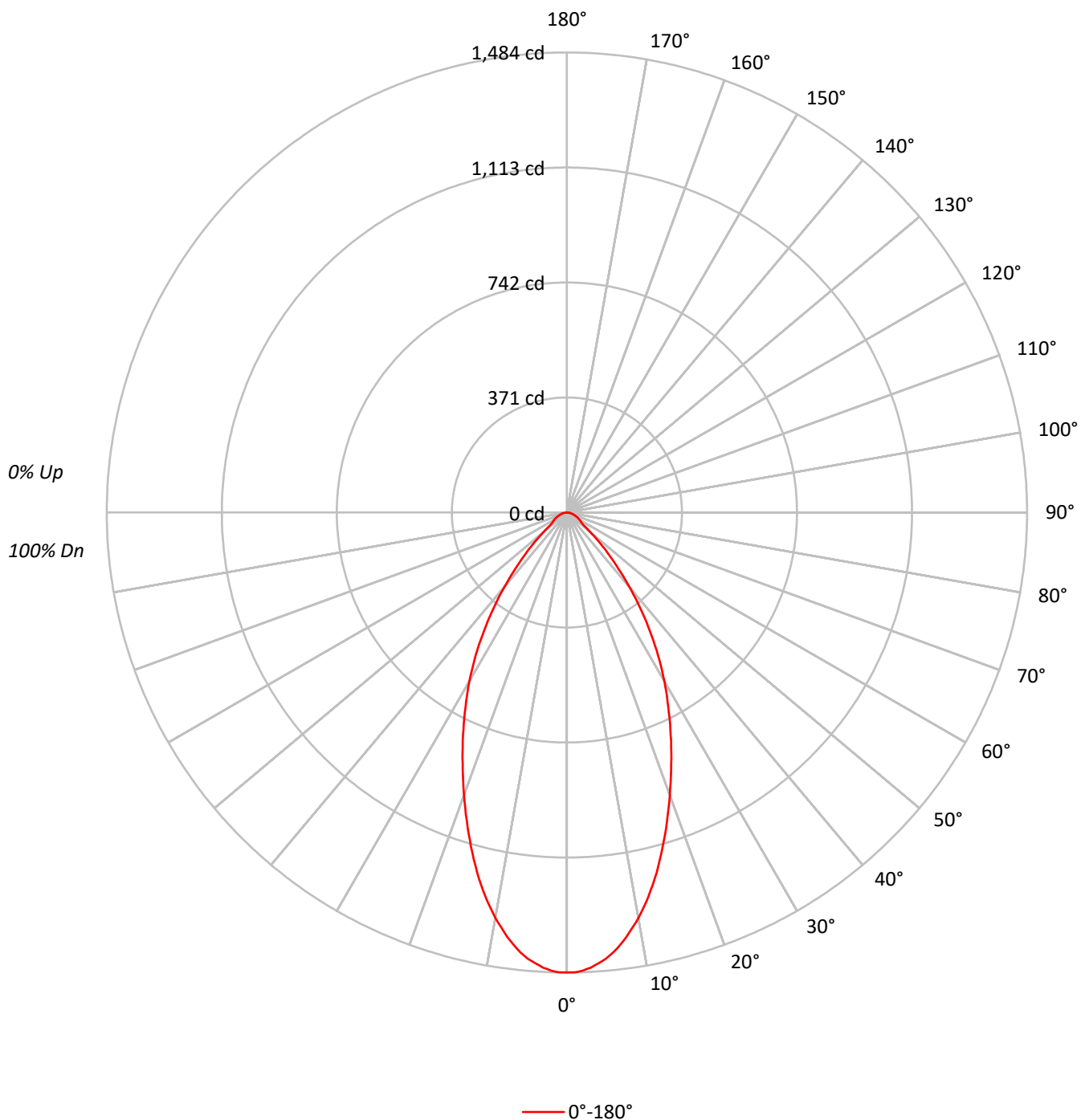
Lumens per Lamp: N/A
Luminaire Lumens: 1377.0 lumens
Efficiency: N/A
Efficacy: 47.8 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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		84
4	94	85	79	74	92	84	79	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°	325325
5°	318005
10°	295719
15°	263134
20°	226330
25°	191745
30°	159164
35°	124852
40°	89482
45°	58673
50°	33432
55°	21982
60°	20744
65°	19302
70°	17311
75°	15759
80°	14901
85°	12831

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 58673 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	134.1	9.7
10°-20°	322.2	23.4
20°-30°	363.2	26.4
30°-40°	290.0	21.1
40°-50°	149.0	10.8
50°-60°	56.1	4.1
60°-70°	36.8	2.7
70°-80°	19.8	1.4
80°-90°	5.7	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°	819.5	59.5
0°-40°	1109.5	80.6
0°-60°	1314.7	95.5
0°-90°	1377.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1377.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1484	
5°	1445	134
15°	1159	322
25°	792	363
35°	466	290
45°	189	149
55°	58	56
65°	37	37
75°	19	20
85°	5	6
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1483.6
1°	1483.6
2°	1478.5
3°	1470.1
4°	1458.2
5°	1444.7
6°	1427.8
7°	1405.8
8°	1382.2
9°	1355.2
10°	1328.1
11°	1297.7
12°	1265.6
13°	1231.8
14°	1196.3
15°	1159.1
17.5°	1064.5
20°	969.9
22.5°	878.7
25°	792.5
27.5°	708.0
30°	628.6
32.5°	547.5
35°	466.4
37.5°	386.9
40°	312.6
42.5°	246.7
45°	189.2
47.5°	140.2
50°	98.0
52.5°	69.3
55°	57.5
57.5°	52.4
60°	47.3
62.5°	42.2
65°	37.2
67.5°	32.1
70°	27.0
72.5°	22.0
75°	18.6
77.5°	15.2
80°	11.8
82.5°	8.4
85°	5.1
87.5°	1.7



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)