

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: P1249989

Luminaire Tested: P3AS20R309027D010 E3DLP1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1249989
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-13)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R309027D010 E3DLP1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 2700K CCT AND, 90CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

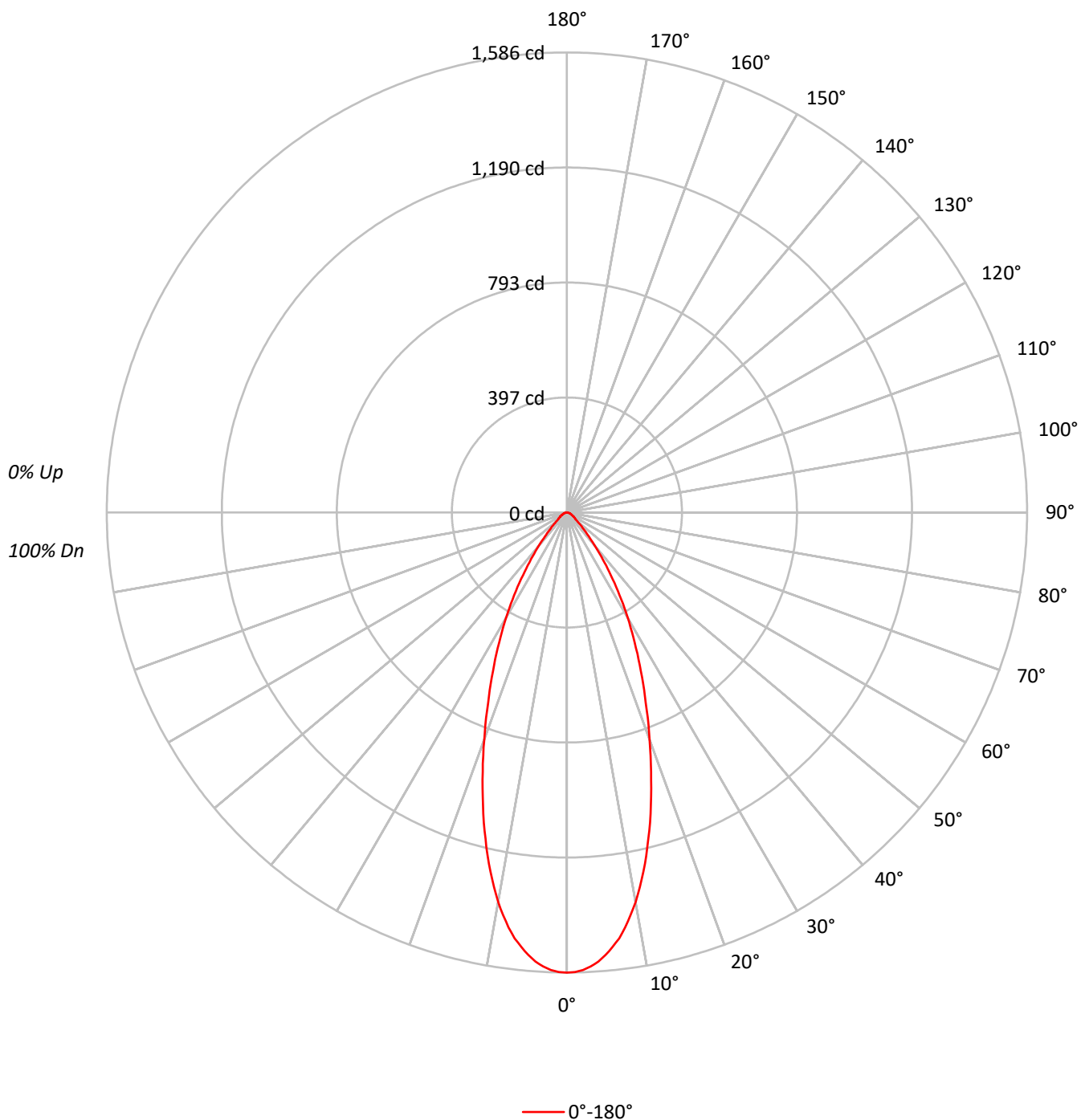
Lumens per Lamp: N/A
Luminaire Lumens: 1018.0 lumens
Efficiency: N/A
Efficacy: 35.3 lumens/watt
Spacing Criteria (0/90/45): 0.66 / 0.66 / 0.7
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	113	110	108	105	111	108	106	104	104	102	100		100	99	97		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	85	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	73	90	83	77	73	81	76	72		79	75	72		78
6	88	79	73	68	86	78	72	68	76	71	68		75	71	67		74
7	83	74	68	64	82	74	68	64	72	67	63		71	67	63		70
8	80	70	64	60	78	70	64	60	69	63	60		67	63	60		67
9	76	67	61	57	75	66	60	57	65	60	56		64	60	56		63
10	73	63	58	54	72	63	57	54	62	57	54		61	57	53		61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	347867
5°	337045
10°	303668
15°	251193
20°	194500
25°	145896
30°	105915
35°	70564
40°	43367
45°	25460
50°	15624
55°	12654
60°	11096
65°	9028
70°	8078
75°	8049
80°	5935
85°	8051

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 25460 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	140.8	13.8
10°-20°	304.8	29.9
20°-30°	277.2	27.2
30°-40°	167.6	16.5
40°-50°	67.2	6.6
50°-60°	29.7	2.9
60°-70°	18.0	1.8
70°-80°	9.8	1.0
80°-90°	2.8	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°	722.9	71.0
0°-40°	890.5	87.5
0°-60°	987.5	97.0
0°-90°	1018.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1018.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1586	
5°	1531	141
15°	1106	305
25°	603	277
35°	264	168
45°	82	67
55°	33	30
65°	17	18
75°	10	10
85°	3	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1586.4
1°	1584.8
2°	1578.5
3°	1567.5
4°	1551.7
5°	1531.2
6°	1505.9
7°	1479.1
8°	1444.3
9°	1404.9
10°	1363.8
11°	1316.5
12°	1266.0
13°	1215.5
14°	1160.2
15°	1106.5
17.5°	966.1
20°	833.5
22.5°	710.3
25°	603.0
27.5°	505.1
30°	418.3
32.5°	337.8
35°	263.6
37.5°	202.1
40°	151.5
42.5°	110.5
45°	82.1
47.5°	61.6
50°	45.8
52.5°	36.3
55°	33.1
57.5°	28.4
60°	25.3
62.5°	20.5
65°	17.4
67.5°	15.8
70°	12.6
72.5°	11.0
75°	9.5
77.5°	7.9
80°	4.7
82.5°	3.2
85°	3.2
87.5°	1.6



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)