

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: P1265852

Luminaire Tested: P3AS20R409730D010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1265852
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-22)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R409730D010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R40 optic, 3000K CCT AND, 97CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

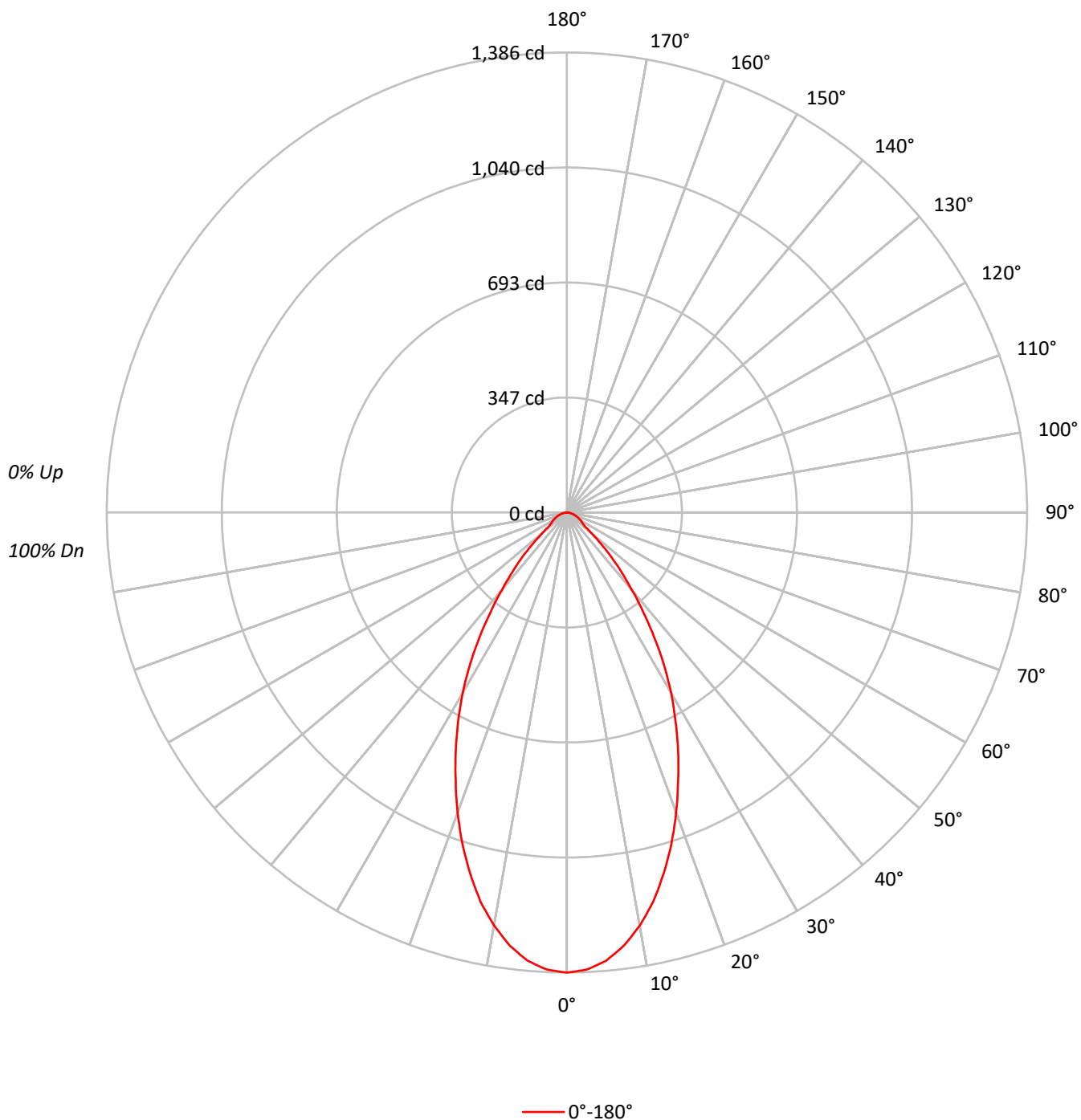
Lumens per Lamp: N/A
Luminaire Lumens: 1354.0 lumens
Efficiency: N/A
Efficacy: 47.0 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	104	102	103	101	99		99	98	96		96
2	106	100	96	92	104	98	94	91	95	92	89		92	89	87		89
3	100	92	87	82	98	91	86	81	88	84	80		86	82	79		83
4	94	85	79	74	92	84	78	74	82	77	73		80	75	72		78
5	89	79	73	68	87	78	72	67	76	71	67		75	70	66		73
6	84	74	67	62	82	73	67	62	71	66	61		70	65	61		68
7	79	69	62	57	78	68	62	57	67	61	57		65	60	57		64
8	75	64	58	53	74	64	57	53	63	57	53		62	56	53		61
9	71	60	54	50	70	60	54	50	59	53	49		58	53	49		57
10	67	57	51	46	66	56	50	46	56	50	46		55	50	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	303945
5°	298436
10°	281313
15°	255507
20°	224463
25°	191697
30°	158809
35°	122469
40°	87163
45°	58735
50°	32033
55°	22594
60°	21270
65°	19665
70°	17503
75°	16691
80°	13386
85°	11322

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 58735 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	126.4	9.3
10°-20°	313.5	23.2
20°-30°	362.5	26.8
30°-40°	285.7	21.1
40°-50°	146.6	10.8
50°-60°	56.1	4.1
60°-70°	37.1	2.7
70°-80°	20.2	1.5
80°-90°	6.0	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°	802.4	59.3
0°-40°	1088.1	80.4
0°-60°	1290.8	95.3
0°-90°	1354.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1354.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1386	
5°	1356	126
15°	1126	314
25°	792	362
35°	458	286
45°	189	147
55°	59	56
65°	38	37
75°	20	20
85°	4	6
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1386.1
2.5°	1378.5
5°	1355.8
7.5°	1316.4
10°	1263.4
12.5°	1201.3
15°	1125.5
17.5°	1046.8
20°	961.9
22.5°	875.6
25°	792.3
27.5°	709.0
30°	627.2
32.5°	543.8
35°	457.5
37.5°	377.2
40°	304.5
42.5°	242.4
45°	189.4
47.5°	137.9
50°	93.9
52.5°	68.2
55°	59.1
57.5°	53.0
60°	48.5
62.5°	42.4
65°	37.9
67.5°	31.8
70°	27.3
72.5°	22.7
75°	19.7
77.5°	15.1
80°	10.6
82.5°	9.1
85°	4.5
87.5°	3.0
90°	0.0

(END OF REPORT)