

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: P1252914

Luminaire Tested: P3AS20R709030D010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1252914
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-47)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R709030D010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R70 optic, 3000K CCT AND, 90CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

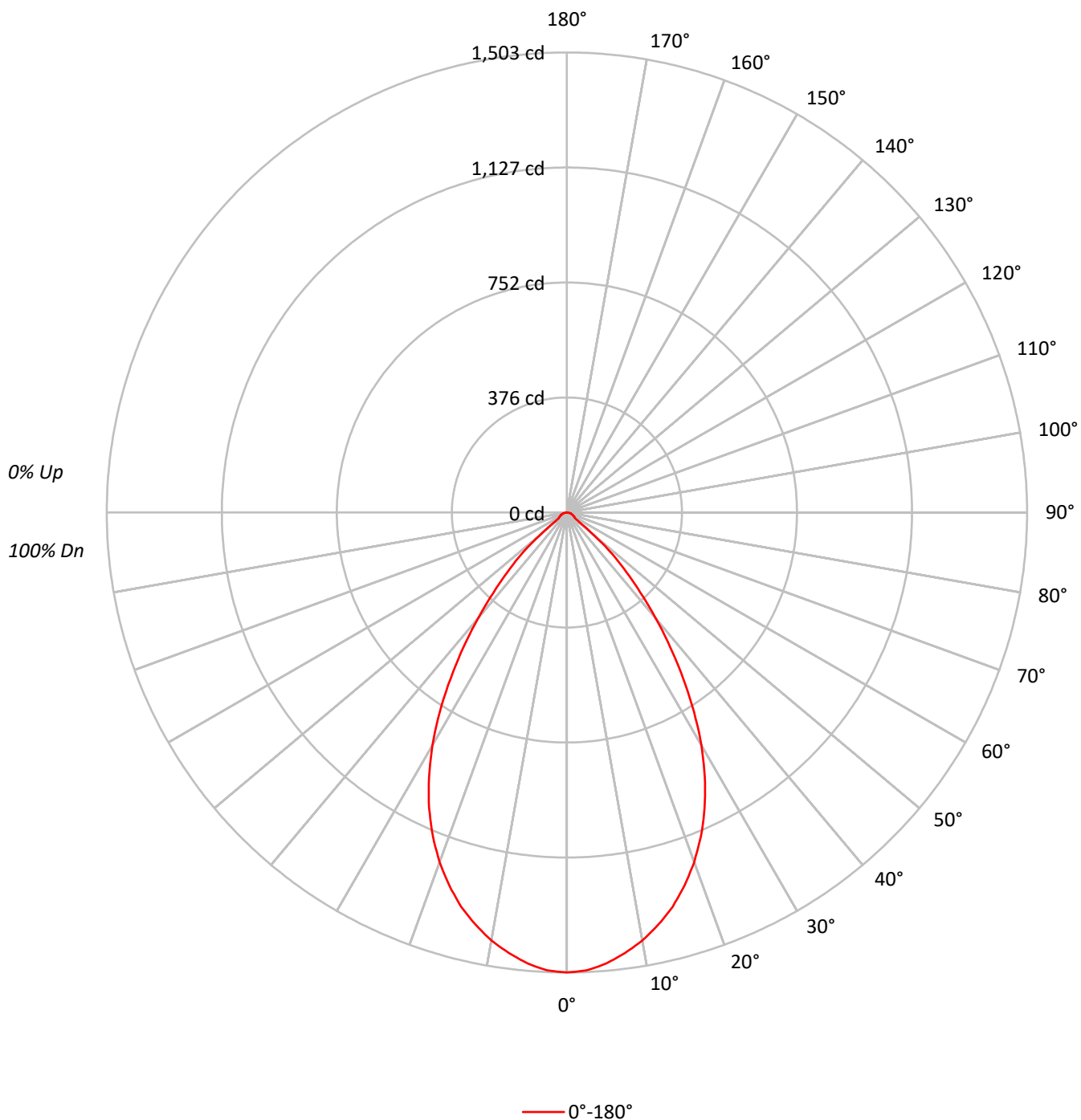
Lumens per Lamp: N/A
Luminaire Lumens: 1702.0 lumens
Efficiency: N/A
Efficacy: 59.1 lumens/watt
Spacing Criteria (0/90/45): 0.97 / 0.97 / 0.98
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	107	104	110	107	105	103	103	101	100		100	98	97		96
2	106	101	96	93	104	99	95	92	96	92	90		93	90	88		90
3	100	93	88	83	98	92	87	82	89	85	81		86	83	80		84
4	94	86	80	75	93	85	79	75	83	78	74		81	76	73		79
5	89	80	73	69	87	79	73	68	77	72	68		75	71	67		74
6	84	74	68	63	82	73	67	63	72	66	62		70	65	62		69
7	79	69	62	58	78	68	62	58	67	61	57		66	61	57		65
8	75	65	58	53	74	64	58	53	63	57	53		62	57	53		61
9	71	60	54	50	70	60	54	50	59	53	49		58	53	49		57
10	67	57	50	46	66	56	50	46	55	50	46		55	49	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	329491
5°	325533
10°	316138
15°	302749
20°	283595
25°	257628
30°	222541
35°	177373
40°	129185
45°	84908
50°	39777
55°	12272
60°	11841
65°	11415
70°	10835
75°	11438
80°	10734
85°	8554

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 84908 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	139.3	8.2
10°-20°	373.2	21.9
20°-30°	485.1	28.5
30°-40°	411.6	24.2
40°-50°	212.2	12.5
50°-60°	40.9	2.4
60°-70°	22.2	1.3
70°-80°	13.6	0.8
80°-90°	3.9	0.2
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°	997.6	58.6
0°-40°	1409.2	82.8
0°-60°	1662.3	97.7
0°-90°	1702.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1702.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1503	
5°	1479	139
15°	1334	373
25°	1065	485
35°	663	412
45°	274	212
55°	32	41
65°	22	22
75°	14	14
85°	3	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1502.6
2.5°	1497.5
5°	1478.9
7.5°	1451.9
10°	1419.8
12.5°	1379.2
15°	1333.6
17.5°	1277.8
20°	1215.3
22.5°	1144.3
25°	1064.8
27.5°	975.3
30°	878.9
32.5°	772.4
35°	662.6
37.5°	554.4
40°	451.3
42.5°	354.9
45°	273.8
47.5°	201.1
50°	116.6
52.5°	50.7
55°	32.1
57.5°	30.4
60°	27.0
62.5°	25.4
65°	22.0
67.5°	20.3
70°	16.9
72.5°	15.2
75°	13.5
77.5°	10.1
80°	8.5
82.5°	5.1
85°	3.4
87.5°	1.7
90°	0.0

(END OF REPORT)