

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: P1277017

Luminaire Tested: P3AS20R709835D010 E3DLP1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1277017
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-45)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R709835D010 E3DLP1MW
Description: 3in Adjustable LED luminaire with, R70 optic, 3500K CCT AND, 98CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

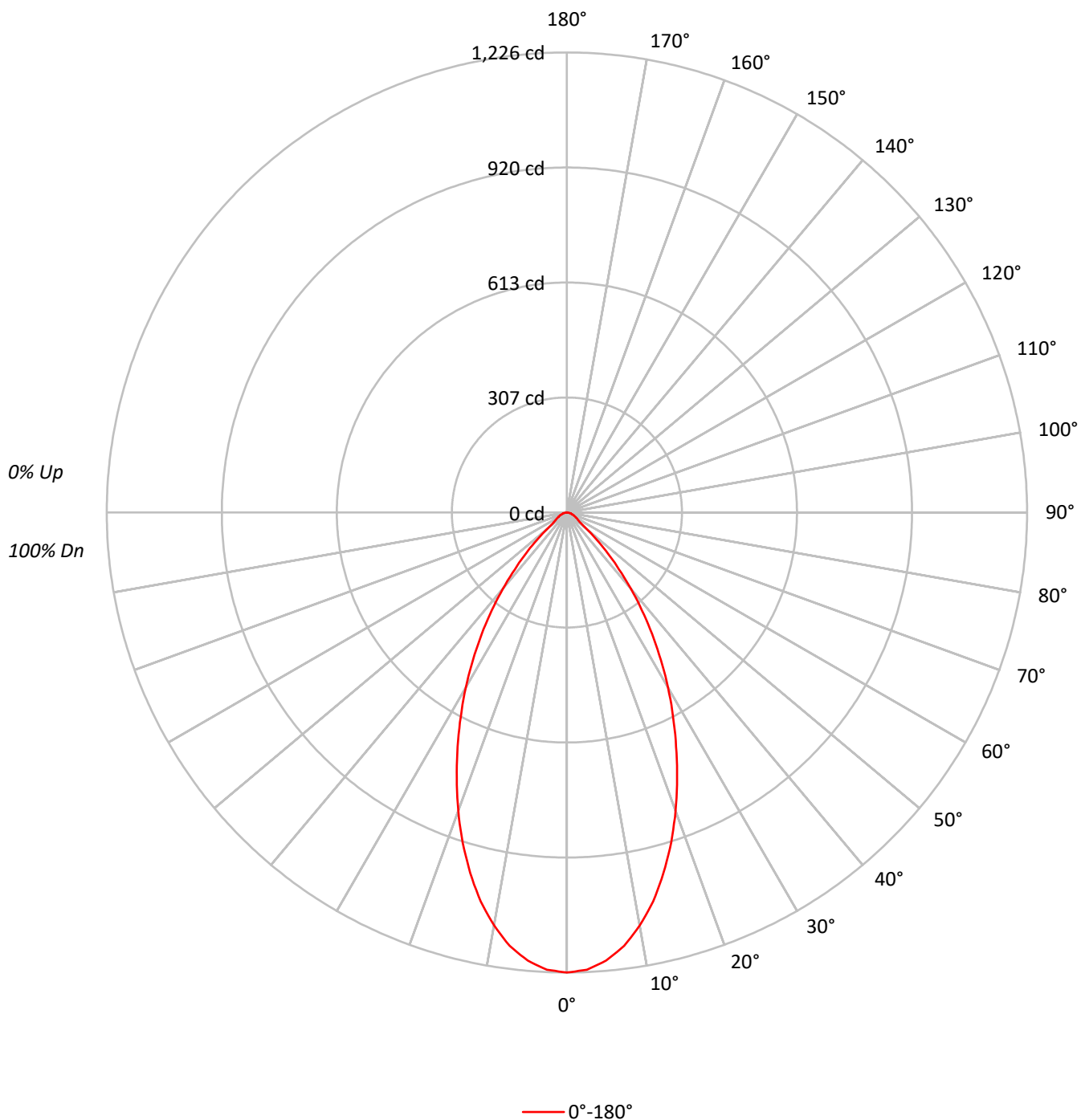
Lumens per Lamp: N/A
Luminaire Lumens: 1146.0 lumens
Efficiency: N/A
Efficacy: 41.8 lumens/watt
Spacing Criteria (0/90/45): 0.82 / 0.82 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 27.4
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	97	93	104	99	95	92	96	93	90		93	90	88		90
3	100	93	88	83	98	92	87	83	89	85	81		87	83	80		84
4	95	86	80	76	93	85	80	75	83	78	74		81	77	73		79
5	89	80	74	69	88	79	73	69	78	72	68		76	71	68		74
6	85	75	68	64	83	74	68	64	73	67	63		71	66	63		70
7	80	70	64	59	79	69	63	59	68	62	58		67	62	58		66
8	76	66	59	55	75	65	59	55	64	58	54		63	58	54		62
9	72	62	55	51	71	61	55	51	60	55	51		59	54	51		58
10	69	58	52	48	67	58	52	48	57	51	48		56	51	48		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	268816
5°	263878
10°	248826
15°	225813
20°	197534
25°	166606
30°	136426
35°	105819
40°	75742
45°	47943
50°	23914
55°	14642
60°	12587
65°	11571
70°	10194
75°	9489
80°	8082
85°	8051

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 47943 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	111.9	9.8
10°-20°	276.8	24.2
20°-30°	315.2	27.5
30°-40°	246.5	21.5
40°-50°	121.1	10.6
50°-60°	37.2	3.2
60°-70°	22.1	1.9
70°-80°	11.8	1.0
80°-90°	3.5	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°	703.9	61.4
0°-40°	950.4	82.9
0°-60°	1108.7	96.7
0°-90°	1146.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1146.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1226	
5°	1199	112
15°	995	277
25°	689	315
35°	395	246
45°	155	121
55°	38	37
65°	22	22
75°	11	12
85°	3	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1225.9
2.5°	1219.5
5°	1198.8
7.5°	1165.3
10°	1117.5
12.5°	1061.7
15°	994.7
17.5°	923.0
20°	846.5
22.5°	766.8
25°	688.6
27.5°	612.1
30°	538.8
32.5°	465.5
35°	395.3
37.5°	328.4
40°	264.6
42.5°	205.6
45°	154.6
47.5°	108.4
50°	70.1
52.5°	46.2
55°	38.3
57.5°	33.5
60°	28.7
62.5°	25.5
65°	22.3
67.5°	19.1
70°	15.9
72.5°	12.8
75°	11.2
77.5°	9.6
80°	6.4
82.5°	4.8
85°	3.2
87.5°	1.6
90°	0.0

(END OF REPORT)