

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: P1274895

Luminaire Tested: P3AS20R609830D010 E3DLP1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1274895
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-37)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R609830D010 E3DLP1MW
Description: 3in Adjustable LED luminaire with, R60 optic, 3000K CCT AND, 98CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

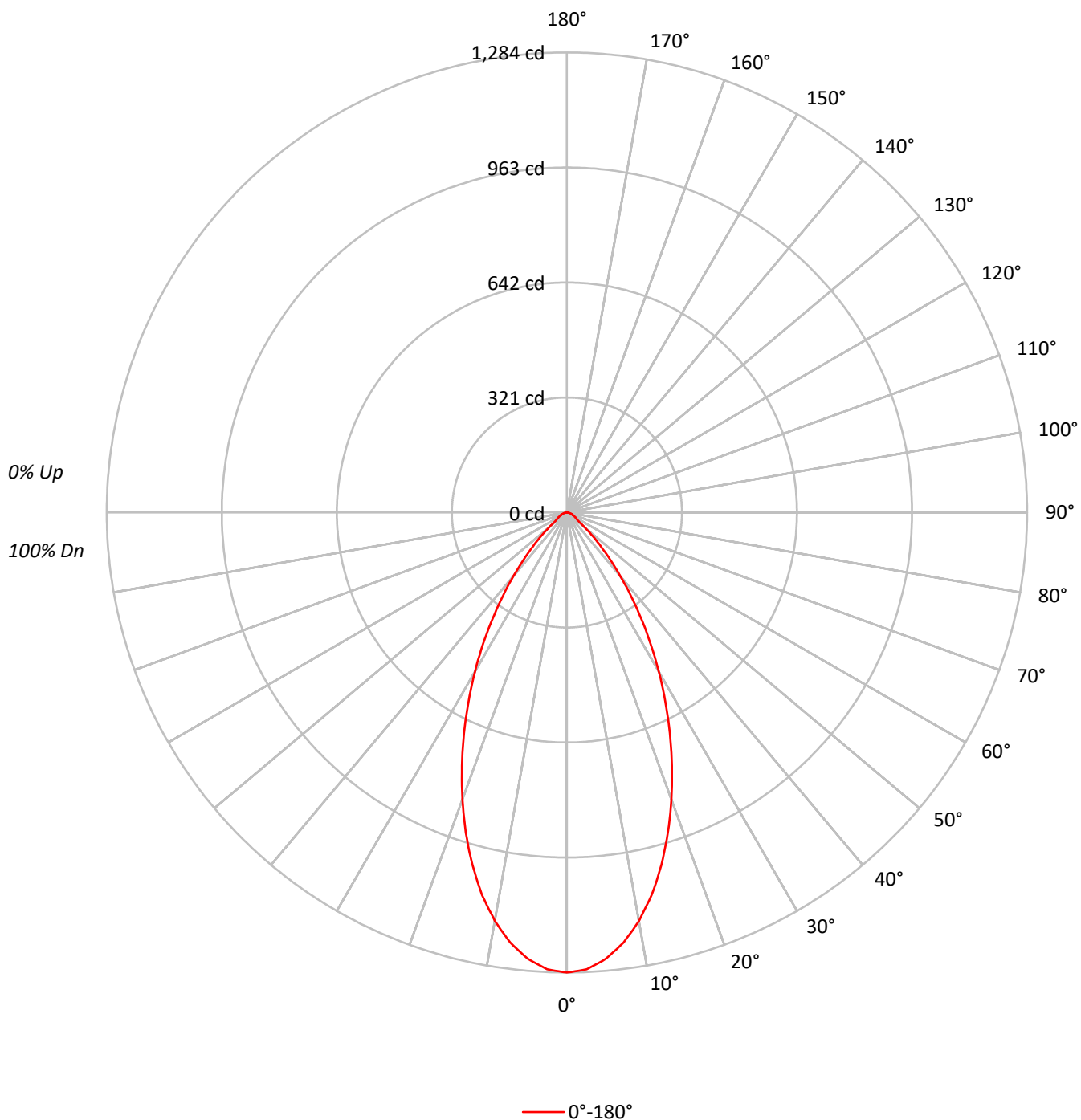
Lumens per Lamp: N/A
Luminaire Lumens: 1111.0 lumens
Efficiency: N/A
Efficacy: 40.5 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	105	110	108	105	103	104	102	100		100	98	97		96
2	107	101	97	93	104	100	96	92	96	93	90		93	91	88		91
3	101	94	88	84	99	92	87	83	90	86	82		87	84	81		85
4	95	87	81	77	93	86	80	76	84	79	75		82	78	74		80
5	90	81	75	70	88	80	74	70	78	73	69		77	72	69		75
6	85	76	69	65	84	75	69	65	73	68	64		72	67	64		71
7	81	71	65	60	79	70	64	60	69	64	60		68	63	59		67
8	77	67	60	56	75	66	60	56	65	60	56		64	59	55		63
9	73	63	57	52	72	62	56	52	61	56	52		60	55	52		60
10	69	59	53	49	68	59	53	49	58	53	49		57	52	49		56

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	281556
5°	275236
10°	257688
15°	231193
20°	198794
25°	164380
30°	129893
35°	96450
40°	66439
45°	41679
50°	22925
55°	13419
60°	12060
65°	10273
70°	8784
75°	9065
80°	7703
85°	7799

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 41679 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	116.4	10.5
10°-20°	282.8	25.5
20°-30°	310.2	27.9
30°-40°	226.0	20.3
40°-50°	106.8	9.6
50°-60°	35.0	3.1
60°-70°	19.8	1.8
70°-80°	10.7	1.0
80°-90°	3.3	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°	709.4	63.9
0°-40°	935.4	84.2
0°-60°	1077.2	97.0
0°-90°	1111.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1111.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1284	
5°	1250	116
15°	1018	283
25°	679	310
35°	360	226
45°	134	107
55°	35	35
65°	20	20
75°	11	11
85°	3	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1284.0
2.5°	1276.4
5°	1250.4
7.5°	1210.7
10°	1157.3
12.5°	1093.2
15°	1018.4
17.5°	937.4
20°	851.9
22.5°	764.9
25°	679.4
27.5°	593.9
30°	513.0
32.5°	435.1
35°	360.3
37.5°	293.1
40°	232.1
42.5°	178.6
45°	134.4
47.5°	97.7
50°	67.2
52.5°	44.3
55°	35.1
57.5°	30.5
60°	27.5
62.5°	22.9
65°	19.8
67.5°	16.8
70°	13.7
72.5°	12.2
75°	10.7
77.5°	7.6
80°	6.1
82.5°	4.6
85°	3.1
87.5°	1.5
90°	0.0

(END OF REPORT)