

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: P1260767

Luminaire Tested: P3AS20R409050D010 E3DLP1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1260767
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-21)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R409050D010 E3DLP1MW
Description: 3in Adjustable LED luminaire with, R40 optic, 5000K CCT AND, 90CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

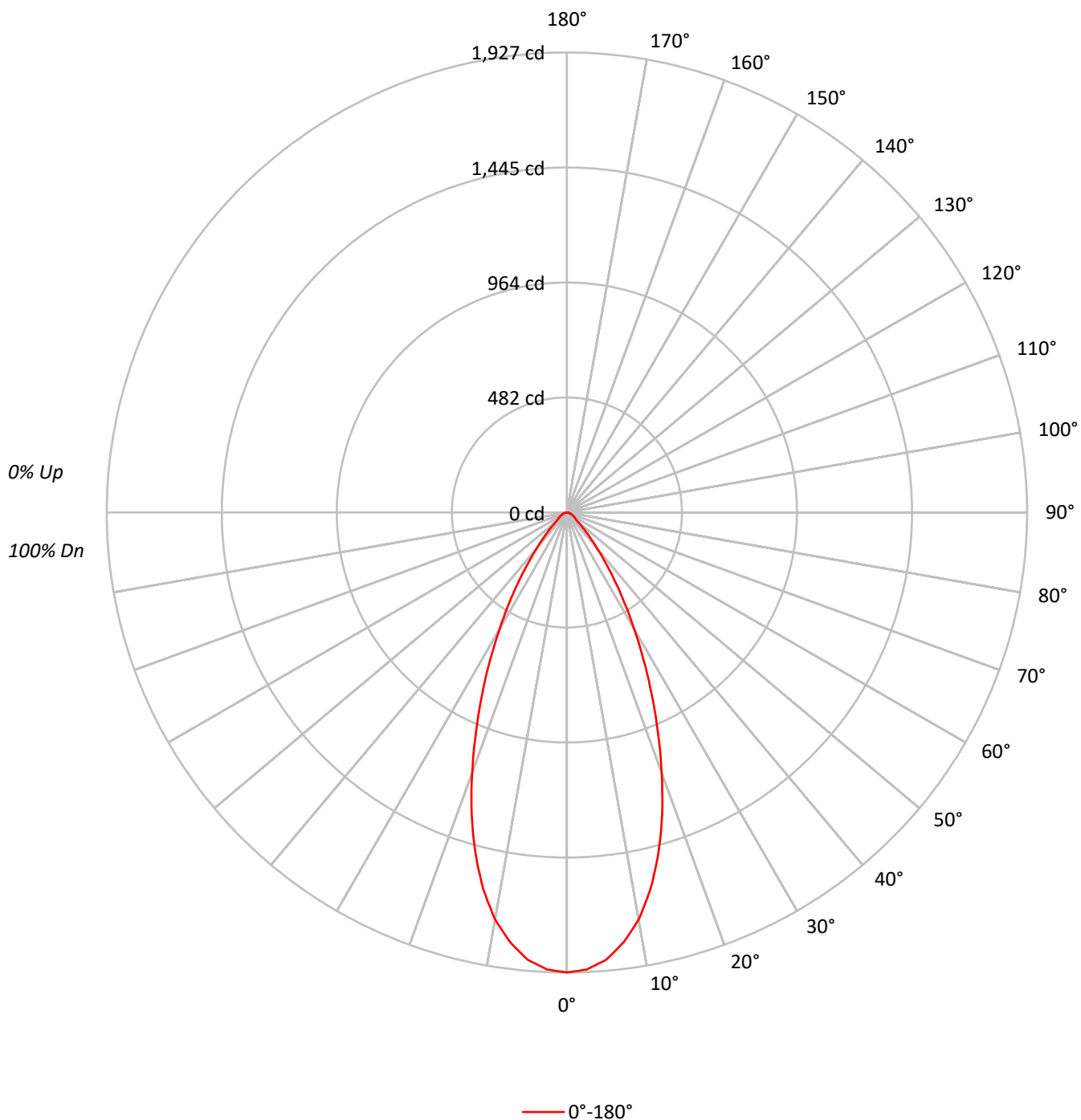
Lumens per Lamp: N/A
Luminaire Lumens: 1357.0 lumens
Efficiency: N/A
Efficacy: 47.1 lumens/watt
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.74
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	93	97	94	91		94	92	89		92
3	102	95	90	86	100	94	89	85	91	87	84		89	85	83		86
4	97	89	83	79	95	88	83	79	86	81	78		84	80	77		82
5	92	83	77	73	90	82	77	73	81	76	72		79	75	71		77
6	87	78	72	68	86	78	72	68	76	71	67		75	70	67		73
7	83	74	68	64	82	73	68	64	72	67	63		71	66	63		70
8	79	70	64	60	78	69	64	60	68	63	59		67	63	59		66
9	76	66	60	56	75	66	60	56	65	60	56		64	59	56		63
10	72	63	57	53	71	62	57	53	62	57	53		61	56	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	422532
5°	413976
10°	385453
15°	335938
20°	270737
25°	202947
30°	142680
35°	93478
40°	56592
45°	33802
50°	20161
55°	16248
60°	14604
65°	12453
70°	11861
75°	9404
80°	9345
85°	9309

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 33802 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	174.7	12.9
10°-20°	407.6	30.0
20°-30°	384.1	28.3
30°-40°	222.1	16.4
40°-50°	88.5	6.5
50°-60°	39.2	2.9
60°-70°	24.2	1.8
70°-80°	12.7	0.9
80°-90°	4.0	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°	966.3	71.2
0°-40°	1188.5	87.6
0°-60°	1316.1	97.0
0°-90°	1357.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1357.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1927	
5°	1881	175
15°	1480	408
25°	839	384
35°	349	222
45°	109	88
55°	42	39
65°	24	24
75°	11	13
85°	4	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1926.9
2.5°	1915.8
5°	1880.7
7.5°	1816.1
10°	1731.1
12.5°	1616.6
15°	1479.8
17.5°	1326.5
20°	1160.2
22.5°	993.9
25°	838.8
27.5°	694.7
30°	563.5
32.5°	448.9
35°	349.2
37.5°	264.2
40°	197.7
42.5°	147.8
45°	109.0
47.5°	79.4
50°	59.1
52.5°	48.0
55°	42.5
57.5°	38.8
60°	33.3
62.5°	27.7
65°	24.0
67.5°	20.3
70°	18.5
72.5°	14.8
75°	11.1
77.5°	9.2
80°	7.4
82.5°	5.5
85°	3.7
87.5°	1.8
90°	0.0

(END OF REPORT)