

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: P1270512

Luminaire Tested: P3A20R259740D010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1270512
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-11)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A20R259740D010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 4000K CCT AND, 97CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

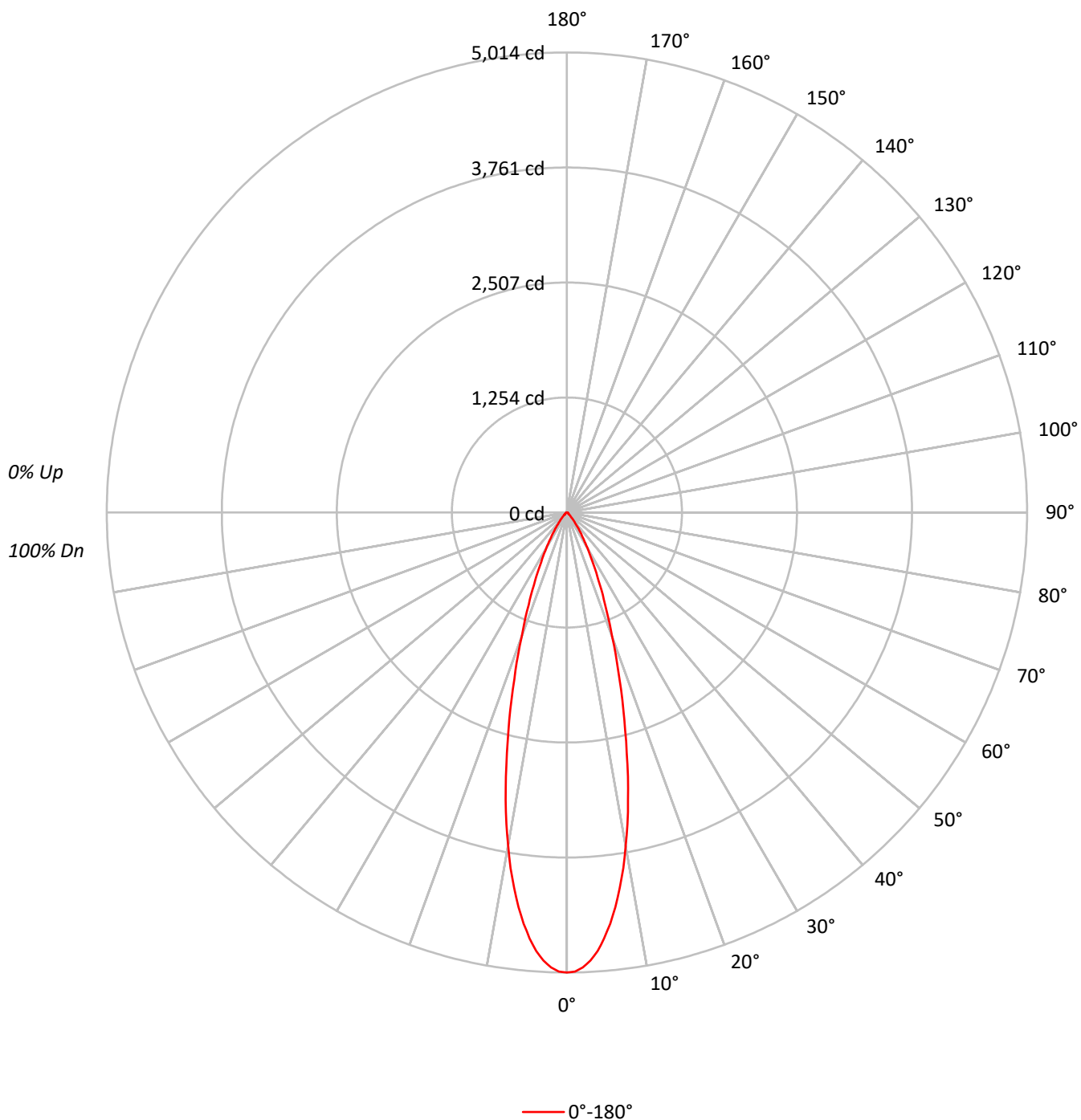
Lumens per Lamp: N/A
Luminaire Lumens: 1714.0 lumens
Efficiency: N/A
Efficacy: 59.5 lumens/watt
Spacing Criteria (0/90/45): 0.49 / 0.49 / 0.51
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	114	112	110	108	112	110	108	106	106	104	103		102	101	100		99
2	110	105	102	99	107	104	101	98	101	98	96		98	96	94		95
3	105	100	96	92	103	98	95	91	96	93	90		94	91	89		91
4	101	95	90	87	99	94	89	86	92	88	85		90	87	84		88
5	97	90	85	82	96	89	85	81	88	84	81		86	83	80		85
6	94	86	81	78	92	86	81	78	84	80	77		83	79	77		82
7	90	83	78	74	89	82	77	74	81	77	74		80	76	73		79
8	87	79	74	71	86	79	74	71	78	74	71		77	73	70		76
9	84	76	71	68	83	76	71	68	75	71	68		74	70	68		73
10	81	73	69	65	80	73	68	65	72	68	65		72	68	65		71

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1099473
5°	1025795
10°	821739
15°	557778
20°	337523
25°	197358
30°	112397
35°	61837
40°	32833
45°	17273
50°	10064
55°	7531
60°	6447
65°	6797
70°	6283
75°	5592
80°	4167
85°	4026

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 17273 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	413.5	24.1
10°-20°	675.5	39.4
20°-30°	386.0	22.5
30°-40°	152.3	8.9
40°-50°	46.7	2.7
50°-60°	18.4	1.1
60°-70°	12.4	0.7
70°-80°	6.9	0.4
80°-90°	2.2	0.1
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°	1475.0	86.1
0°-40°	1627.4	94.9
0°-60°	1692.5	98.7
0°-90°	1714.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1714.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	5014	
5°	4660	414
15°	2457	676
25°	816	386
35°	231	152
45°	56	47
55°	20	18
65°	13	12
75°	7	7
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	5014.0
1°	5004.1
2°	4963.2
3°	4891.1
4°	4791.2
5°	4660.2
6°	4506.2
7°	4332.6
8°	4131.1
9°	3924.7
10°	3690.5
11°	3459.5
12°	3205.6
13°	2955.0
14°	2697.8
15°	2457.0
17.5°	1905.0
20°	1446.4
22.5°	1086.0
25°	815.7
27.5°	604.4
30°	443.9
32.5°	321.1
35°	231.0
37.5°	163.8
40°	114.7
42.5°	78.6
45°	55.7
47.5°	39.3
50°	29.5
52.5°	22.9
55°	19.7
57.5°	18.0
60°	14.7
62.5°	13.1
65°	13.1
67.5°	11.5
70°	9.8
72.5°	8.2
75°	6.6
77.5°	4.9
80°	3.3
82.5°	3.3
85°	1.6
87.5°	1.6



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)