

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: P1260378

Luminaire Tested: P3AS17R359050DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1260378
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-19)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R359050DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 5000K CCT AND, 90CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

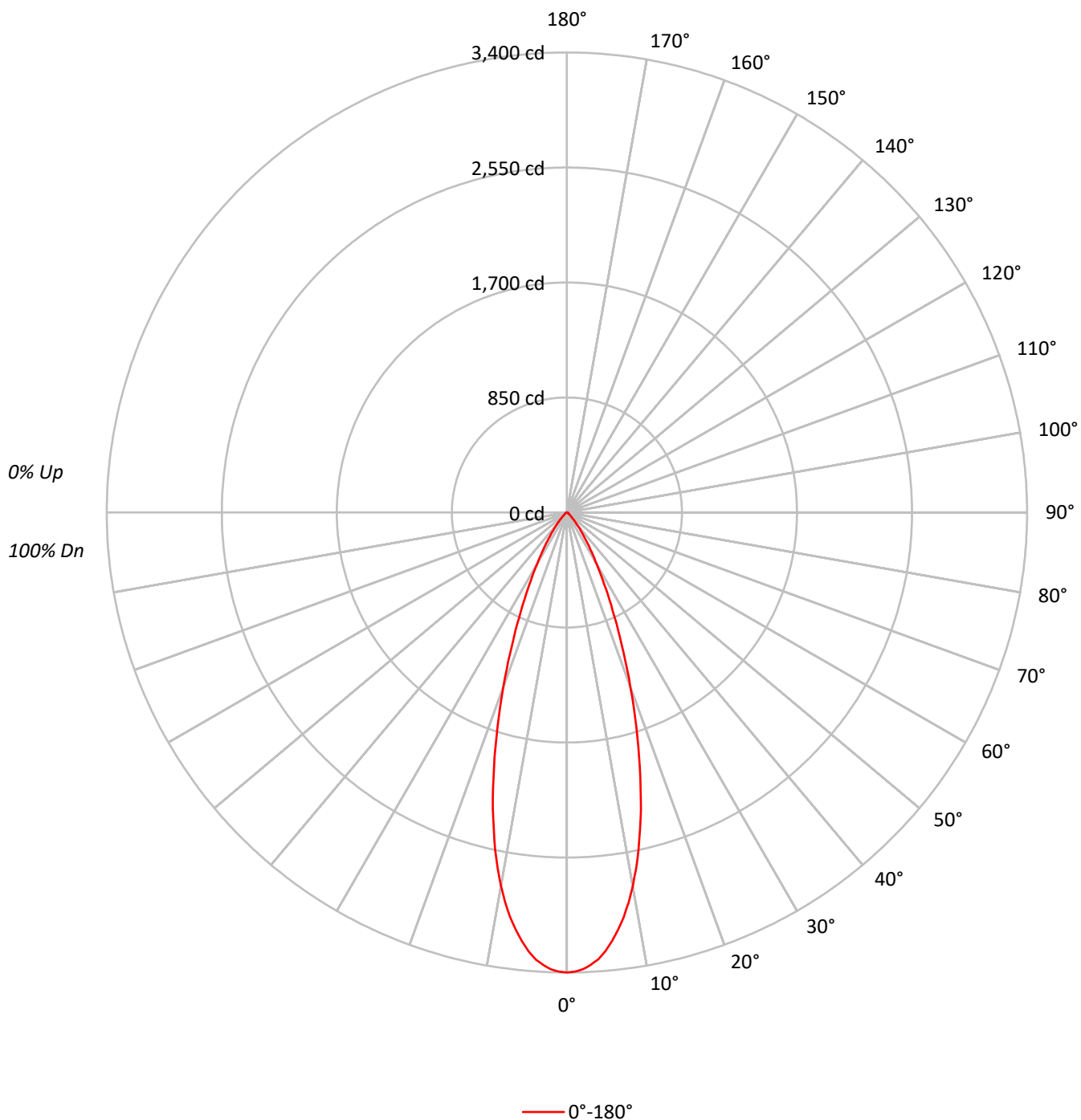
Lumens per Lamp: N/A
Luminaire Lumens: 1478.0 lumens
Efficiency: N/A
Efficacy: 69.7 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.58
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
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	109	107	112	109	107	106	105	104	102		102	100	99		98
2	109	105	101	98	107	103	100	97	100	97	95		97	95	93		94
3	105	99	95	91	103	98	94	90	95	92	89		93	90	88		91
4	100	94	89	85	99	93	88	85	91	87	84		89	85	83		87
5	96	89	84	80	95	88	83	80	86	82	79		85	81	78		83
6	92	85	80	76	91	84	79	76	83	78	75		81	77	75		80
7	89	81	76	72	88	80	75	72	79	75	71		78	74	71		77
8	85	77	72	69	84	77	72	68	76	71	68		75	71	68		74
9	82	74	69	66	81	74	69	65	73	68	65		72	68	65		71
10	79	71	66	63	78	71	66	63	70	66	63		69	65	62		69

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	745445
5°	716419
10°	624215
15°	478096
20°	319881
25°	193560
30°	111055
35°	62105
40°	33005
45°	16994
50°	8153
55°	6461
60°	6184
65°	5085
70°	5386
75°	4745
80°	5304
85°	3522

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 16994 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	296.1	20.0
10°-20°	573.9	38.8
20°-30°	375.7	25.4
30°-40°	152.4	10.3
40°-50°	45.7	3.1
50°-60°	15.6	1.1
60°-70°	10.4	0.7
70°-80°	6.1	0.4
80°-90°	2.1	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°	1245.7	84.3
0°-40°	1398.1	94.6
0°-60°	1459.4	98.7
0°-90°	1478.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1478.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3400	
5°	3255	296
15°	2106	574
25°	800	376
35°	232	152
45°	55	46
55°	17	16
65°	10	10
75°	6	6
85°	1	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	3399.5
1°	3393.9
2°	3378.4
3°	3347.5
4°	3310.9
5°	3254.7
6°	3184.4
7°	3105.6
8°	3017.1
9°	2915.8
10°	2803.4
11°	2678.2
12°	2547.5
13°	2401.3
14°	2262.1
15°	2106.0
17.5°	1727.9
20°	1370.8
22.5°	1054.4
25°	800.0
27.5°	596.1
30°	438.6
32.5°	322.0
35°	232.0
37.5°	164.5
40°	115.3
42.5°	80.1
45°	54.8
47.5°	36.6
50°	23.9
52.5°	18.3
55°	16.9
57.5°	15.5
60°	14.1
62.5°	12.7
65°	9.8
67.5°	8.4
70°	8.4
72.5°	7.0
75°	5.6
77.5°	4.2
80°	4.2
82.5°	2.8
85°	1.4
87.5°	1.4



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)