

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: P1249660

Luminaire Tested: P3AS17R359027DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1249660
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: P3AS17R359027DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 2700K CCT AND, 90CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

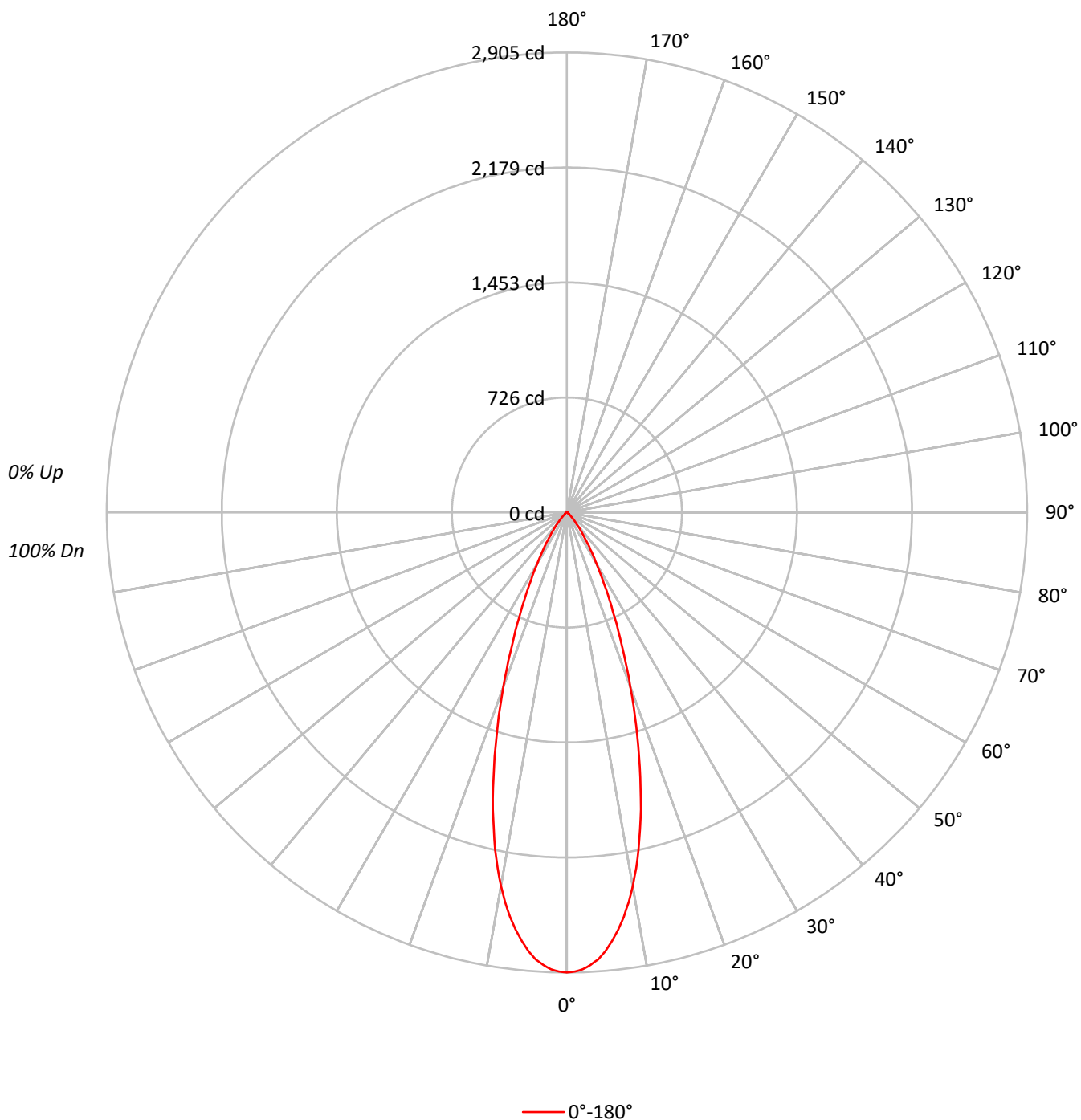
Lumens per Lamp: N/A
Luminaire Lumens: 1263.0 lumens
Efficiency: N/A
Efficacy: 59.6 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.58
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	69	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°	637010
5°	612193
10°	533413
15°	408561
20°	273350
25°	165397
30°	94901
35°	53057
40°	28196
45°	14544
50°	6959
55°	5505
60°	5263
65°	4358
70°	4616
75°	4067
80°	4546
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 14544 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	253.1	20.0
10°-20°	490.4	38.8
20°-30°	321.0	25.4
30°-40°	130.2	10.3
40°-50°	39.1	3.1
50°-60°	13.3	1.1
60°-70°	8.9	0.7
70°-80°	5.2	0.4
80°-90°	1.8	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°	1064.5	84.3
0°-40°	1194.7	94.6
0°-60°	1247.0	98.7
0°-90°	1263.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1263.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2905	
5°	2781	253
15°	1800	490
25°	684	321
35°	198	130
45°	47	39
55°	14	13
65°	8	9
75°	5	5
85°	1	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	2905.0
1°	2900.2
2°	2886.9
3°	2860.5
4°	2829.3
5°	2781.2
6°	2721.2
7°	2653.9
8°	2578.2
9°	2491.7
10°	2395.6
11°	2288.6
12°	2176.9
13°	2052.0
14°	1933.0
15°	1799.7
17.5°	1476.5
20°	1171.4
22.5°	901.0
25°	683.6
27.5°	509.4
30°	374.8
32.5°	275.1
35°	198.2
37.5°	140.6
40°	98.5
42.5°	68.5
45°	46.9
47.5°	31.2
50°	20.4
52.5°	15.6
55°	14.4
57.5°	13.2
60°	12.0
62.5°	10.8
65°	8.4
67.5°	7.2
70°	7.2
72.5°	6.0
75°	4.8
77.5°	3.6
80°	3.6
82.5°	2.4
85°	1.2
87.5°	1.2



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)