

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: P1254956

Luminaire Tested: P3AS17R159035DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1254956
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-3)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R159035DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R15 optic, 3500K CCT AND, 90CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

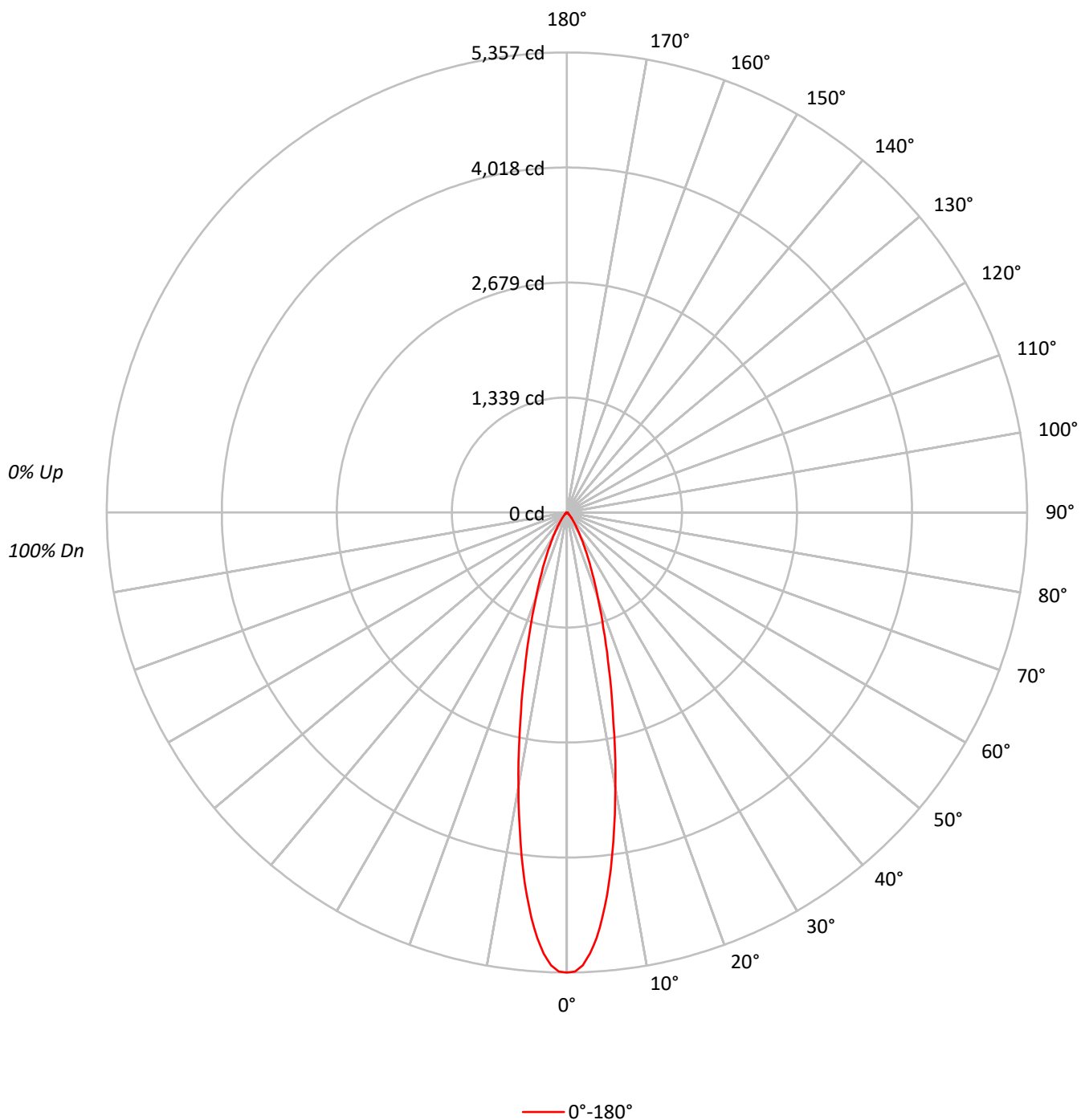
Lumens per Lamp: N/A
Luminaire Lumens: 1374.9 lumens
Efficiency: N/A
Efficacy: 64.9 lumens/watt
Spacing Criteria (0/90/45): 0.4 / 0.4 / 0.43
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1174621
5°	1042634
10°	724079
15°	428198
20°	243878
25°	139411
30°	77151
35°	41144
40°	22757
45°	12311
50°	7676
55°	6079
60°	5219
65°	4825
70°	4231
75°	4490
80°	3283
85°	3271

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 12311 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	402.8	29.3
10°-20°	531.6	38.7
20°-30°	273.7	19.9
30°-40°	102.8	7.5
40°-50°	33.6	2.4
50°-60°	14.4	1.1
60°-70°	9.2	0.7
70°-80°	5.4	0.4
80°-90°	1.4	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°	1208.1	87.9
0°-40°	1310.9	95.3
0°-60°	1359.0	98.8
0°-90°	1374.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1374.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	5357	
5°	4737	403
15°	1886	532
25°	576	274
35°	154	103
45°	40	34
55°	16	14
65°	9	9
75°	5	5
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	5356.7
1°	5346.1
2°	5275.9
3°	5142.1
4°	4965.9
5°	4736.7
6°	4477.1
7°	4192.3
8°	3875.8
9°	3563.2
10°	3251.9
12.5°	2502.2
15°	1886.2
17.5°	1412.0
20°	1045.1
22.5°	780.2
25°	576.2
27.5°	419.9
30°	304.7
32.5°	215.9
35°	153.7
37.5°	109.9
40°	79.5
42.5°	57.0
45°	39.7
47.5°	29.1
50°	22.5
52.5°	18.5
55°	15.9
57.5°	13.2
60°	11.9
62.5°	10.6
65°	9.3
67.5°	7.9
70°	6.6
72.5°	6.6
75°	5.3
77.5°	4.0
80°	2.6
82.5°	2.6
85°	1.3
87.5°	0.0
90°	0.0

(END OF REPORT)