

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: P1276346

Luminaire Tested: P3AS17R159835DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1276346
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: P3AS17R159835DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R15 optic, 3500K CCT AND, 98CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

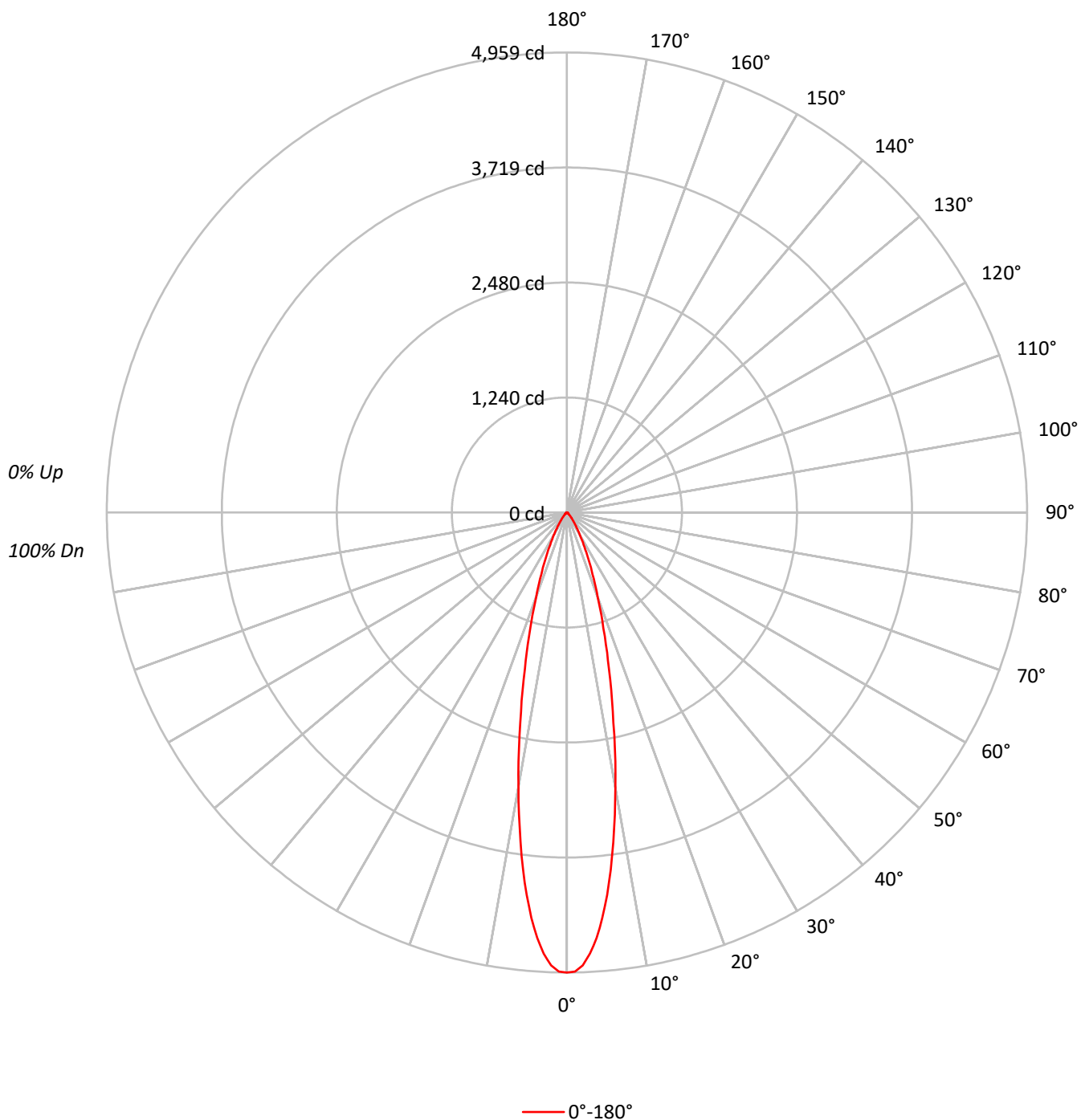
Lumens per Lamp: N/A
Luminaire Lumens: 1273.0 lumens
Efficiency: N/A
Efficacy: 62.4 lumens/watt
Spacing Criteria (0/90/45): 0.4 / 0.4 / 0.43
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 20.4
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

TEST NUMBER: P1276346

CATALOG NUMBER: P3AS17R159835DE010 E3DL1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1276346

CATALOG NUMBER: P3AS17R159835DE010 E3DL1MW

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°	1087479
5°	965307
10°	670351
15°	396438
20°	225793
25°	129080
30°	71429
35°	38093
40°	21068
45°	11412
50°	7096
55°	5620
60°	4824
65°	4462
70°	3911
75°	4151
80°	3157
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 11412 cd/sqm

TEST NUMBER: P1276346

CATALOG NUMBER: P3AS17R159835DE010 E3DL1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	372.9	29.3
10°-20°	492.2	38.7
20°-30°	253.4	19.9
30°-40°	95.2	7.5
40°-50°	31.1	2.4
50°-60°	13.4	1.1
60°-70°	8.5	0.7
70°-80°	5.0	0.4
80°-90°	1.3	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°	1118.5	87.9
0°-40°	1213.6	95.3
0°-60°	1258.2	98.8
0°-90°	1273.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1273.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	4959	
5°	4385	373
15°	1746	492
25°	534	253
35°	142	95
45°	37	31
55°	15	13
65°	9	8
75°	5	5
85°	1	1
90°	0	

TEST NUMBER: P1276346

CATALOG NUMBER: P3AS17R159835DE010 E3DL1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	4959.3
1°	4949.5
2°	4884.5
3°	4760.6
4°	4597.5
5°	4385.4
6°	4145.0
7°	3881.3
8°	3588.2
9°	3298.8
10°	3010.6
12.5°	2316.5
15°	1746.3
17.5°	1307.3
20°	967.6
22.5°	722.3
25°	533.5
27.5°	388.7
30°	282.1
32.5°	199.9
35°	142.3
37.5°	101.8
40°	73.6
42.5°	52.7
45°	36.8
47.5°	27.0
50°	20.8
52.5°	17.2
55°	14.7
57.5°	12.3
60°	11.0
62.5°	9.8
65°	8.6
67.5°	7.4
70°	6.1
72.5°	6.1
75°	4.9
77.5°	3.7
80°	2.5
82.5°	2.5
85°	1.2
87.5°	0.0
90°	0.0

(END OF REPORT)