

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: P1256103

Luminaire Tested: P3AS02R159040DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1256103
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-2)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R159040DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R15 optic, 4000K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

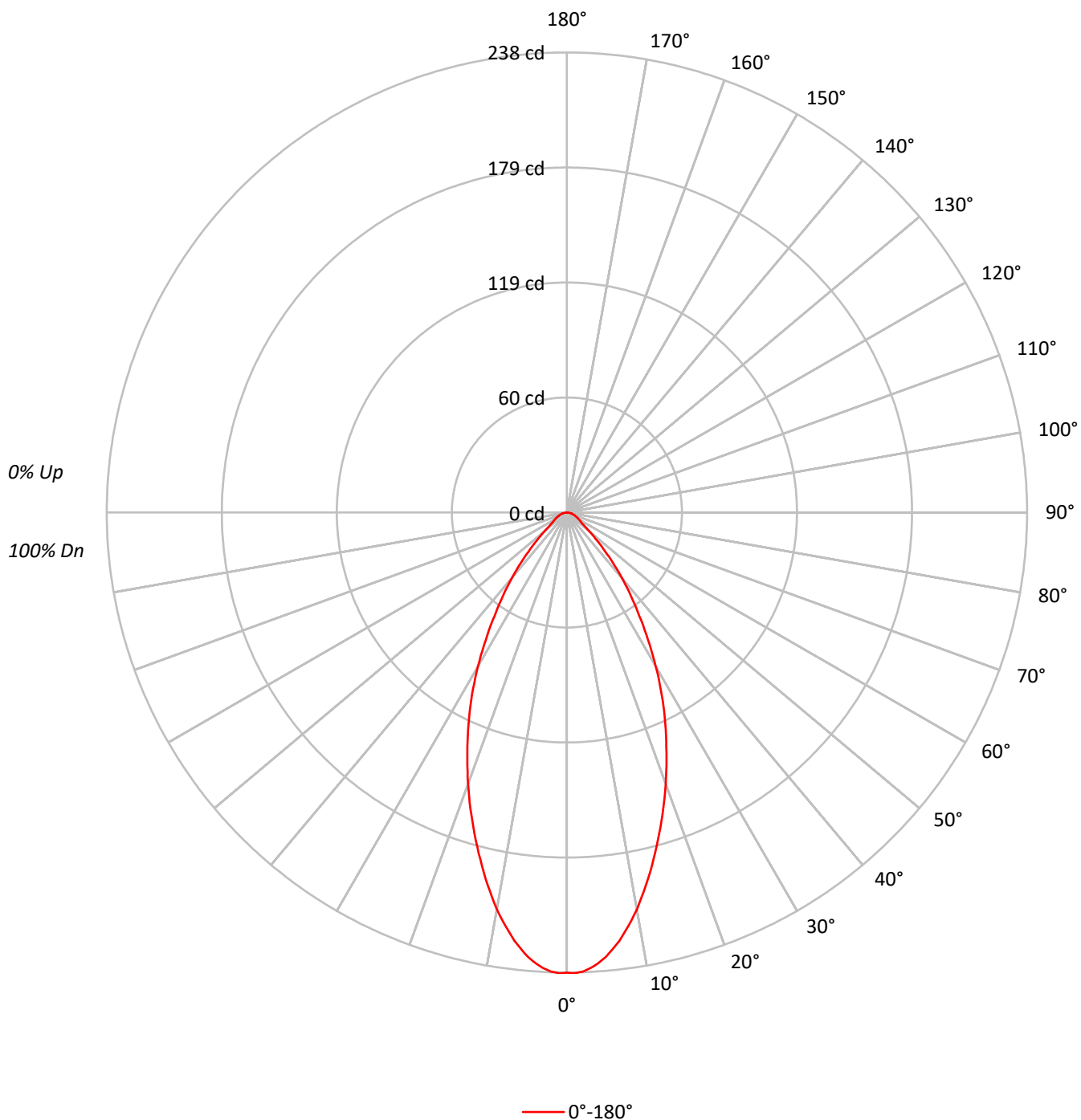
Lumens per Lamp: N/A
Luminaire Lumens: 207.0 lumens
Efficiency: N/A
Efficacy: 57.5 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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: P1256103

CATALOG NUMBER: P3AS02R159040DE010 E3DLD1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1256103

CATALOG NUMBER: P3AS02R159040DE010 E3DLD1MW

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	113	109	106	104	110	107	105	102	103	101	99		99	98	96		96
2	106	100	96	92	104	99	95	91	95	92	89		92	90	87		90
3	100	93	87	83	98	91	86	82	89	84	81		86	82	79		84
4	94	86	80	75	92	85	79	74	82	77	73		80	76	73		78
5	89	80	73	68	87	79	73	68	77	72	67		75	70	67		74
6	84	74	68	63	83	73	67	63	72	66	62		70	66	62		69
7	80	69	63	58	78	69	63	58	67	62	58		66	61	57		65
8	76	65	59	54	74	65	58	54	63	58	54		62	57	54		61
9	72	61	55	51	71	61	55	51	60	54	50		59	54	50		58
10	68	58	52	48	67	57	51	47	57	51	47		56	51	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	52211
5°	50803
10°	46425
15°	40659
20°	34886
25°	29131
30°	23295
35°	17480
40°	12681
45°	8280
50°	5185
55°	3517
60°	3114
65°	2854
70°	2693
75°	2457
80°	2273
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 8280 cd/sqm

TEST NUMBER: P1256103

CATALOG NUMBER: P3AS02R159040DE010 E3DLD1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	21.3	10.3
10°-20°	49.9	24.1
20°-30°	55.0	26.6
30°-40°	41.2	19.9
40°-50°	21.3	10.3
50°-60°	8.9	4.3
60°-70°	5.5	2.6
70°-80°	3.1	1.5
80°-90°	0.9	0.4
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°	126.2	61.0
0°-40°	167.4	80.9
0°-60°	197.5	95.4
0°-90°	207.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	207.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	238	
5°	231	21
15°	179	50
25°	120	55
35°	65	41
45°	27	21
55°	9	9
65°	6	5
75°	3	3
85°	1	1
90°	0	

TEST NUMBER: P1256103

CATALOG NUMBER: P3AS02R159040DE010 E3DLD1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	238.1
1°	238.4
2°	237.6
3°	236.0
4°	233.7
5°	230.8
6°	227.1
7°	223.2
8°	218.4
9°	213.5
10°	208.5
12.5°	194.1
15°	179.1
17.5°	164.2
20°	149.5
22.5°	134.5
25°	120.4
27.5°	106.2
30°	92.0
32.5°	78.1
35°	65.3
37.5°	54.3
40°	44.3
42.5°	35.1
45°	26.7
47.5°	20.2
50°	15.2
52.5°	11.3
55°	9.2
57.5°	8.1
60°	7.1
62.5°	6.3
65°	5.5
67.5°	4.7
70°	4.2
72.5°	3.4
75°	2.9
77.5°	2.4
80°	1.8
82.5°	1.3
85°	0.8
87.5°	0.3
90°	0.0

(END OF REPORT)