

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: P1270832

Luminaire Tested: P3AS02R159827DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1270832
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: P3AS02R159827DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R15 optic, 2700K CCT AND, 98CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

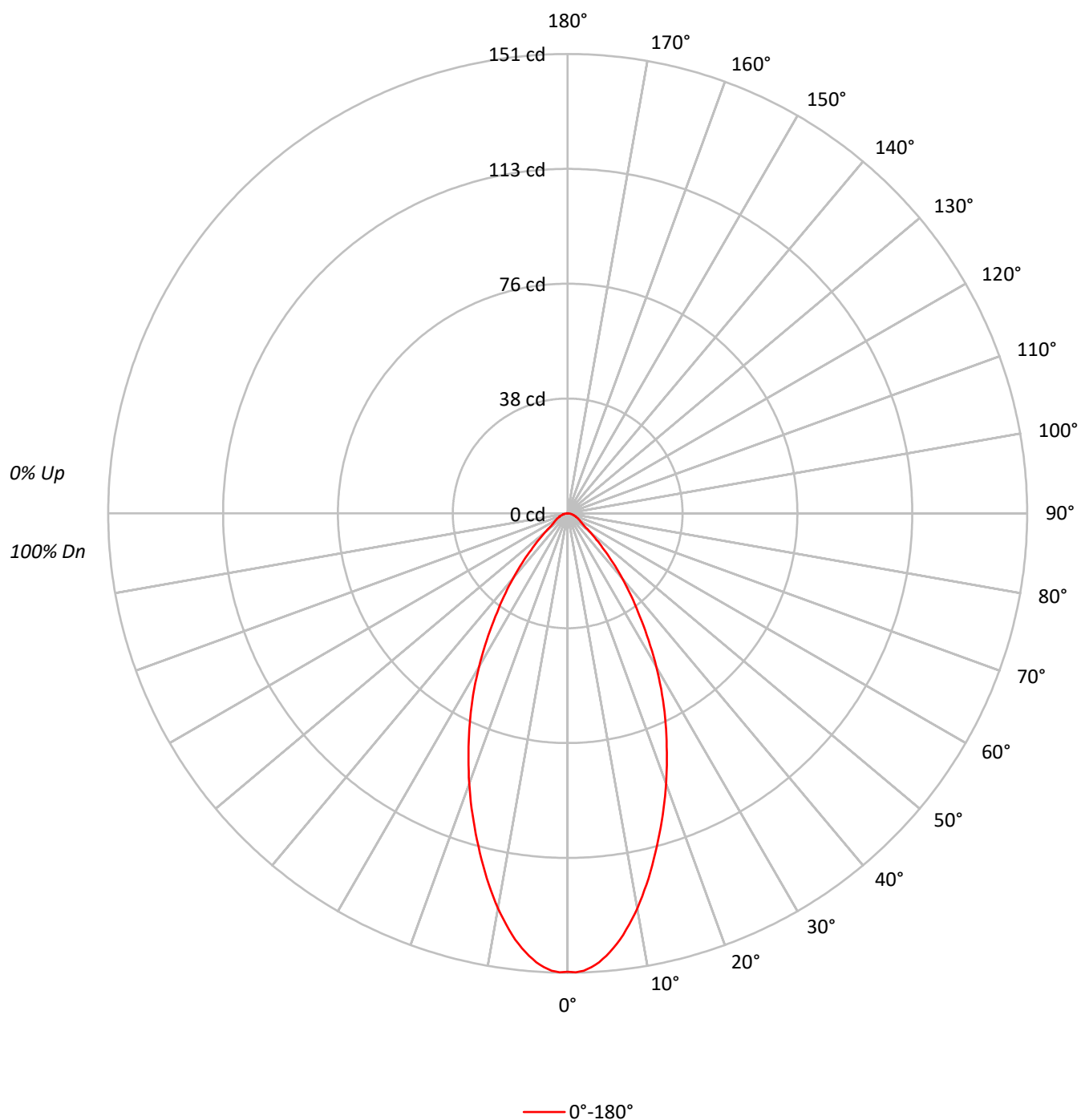
Lumens per Lamp: N/A
Luminaire Lumens: 131.0 lumens
Efficiency: N/A
Efficacy: 36.4 lumens/watt
Spacing Criteria (0/90/45): 0.75 / 0.75 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1270832

CATALOG NUMBER: P3AS02R159827DE010 E3DLD1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1270832

CATALOG NUMBER: P3AS02R159827DE010 E3DLD1MW

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20					20					20					20					20
RC	80					70					50					30					0
RW	70	50	30	10		70	50	30	10		50	30	10		50	30	10		50	30	10
RCR																					
0	119	119	119	119		116	116	116	116		111	111	111		106	106	106		102	102	102
1	113	109	106	104		110	107	105	102		103	101	99		99	98	96		96	95	93
2	106	100	96	92		104	99	95	91		95	92	89		92	90	87		90	87	85
3	100	93	87	83		98	91	86	82		89	84	81		86	82	79		84	81	78
4	94	86	80	75		92	85	79	74		82	77	73		80	76	73		78	75	72
5	89	80	73	68		87	79	73	68		77	72	67		75	70	67		74	69	66
6	84	74	68	63		83	73	67	63		72	66	62		70	66	62		69	65	61
7	80	69	63	58		78	69	63	58		67	62	58		66	61	57		65	61	57
8	76	65	59	54		74	65	58	54		63	58	54		62	57	54		61	57	53
9	72	61	55	51		71	61	55	51		60	54	50		59	54	50		58	53	50
10	68	58	52	48		67	57	51	47		57	51	47		56	51	47		55	50	47

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	33046
5°	32137
10°	29369
15°	25721
20°	22075
25°	18437
30°	14762
35°	11056
40°	8015
45°	5241
50°	3275
55°	2217
60°	1974
65°	1816
70°	1731
75°	1525
80°	1515
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 5241 cd/sqm

TEST NUMBER: P1270832

CATALOG NUMBER: P3AS02R159827DE010 E3DLD1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	13.5	10.3
10°-20°	31.6	24.1
20°-30°	34.8	26.6
30°-40°	26.1	19.9
40°-50°	13.5	10.3
50°-60°	5.6	4.3
60°-70°	3.5	2.7
70°-80°	2.0	1.5
80°-90°	0.6	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°	79.9	60.9
0°-40°	105.9	80.8
0°-60°	125.0	95.4
0°-90°	131.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	131.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	151	
5°	146	13
15°	113	32
25°	76	35
35°	41	26
45°	17	13
55°	6	6
65°	4	3
75°	2	2
85°	0	1
90°	0	

TEST NUMBER: P1270832

CATALOG NUMBER: P3AS02R159827DE010 E3DLD1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	150.7
1°	150.9
2°	150.4
3°	149.4
4°	147.9
5°	146.0
6°	143.7
7°	141.2
8°	138.2
9°	135.1
10°	131.9
12.5°	122.8
15°	113.3
17.5°	103.9
20°	94.6
22.5°	85.1
25°	76.2
27.5°	67.2
30°	58.3
32.5°	49.5
35°	41.3
37.5°	34.4
40°	28.0
42.5°	22.2
45°	16.9
47.5°	12.8
50°	9.6
52.5°	7.1
55°	5.8
57.5°	5.1
60°	4.5
62.5°	4.0
65°	3.5
67.5°	3.0
70°	2.7
72.5°	2.2
75°	1.8
77.5°	1.5
80°	1.2
82.5°	0.8
85°	0.5
87.5°	0.2
90°	0.0

(END OF REPORT)