

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: P1271071

Luminaire Tested: P3AS02R559827DE010 E3DLP1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1271071
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-33)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R559827DE010 E3DLP1MW
Description: 3in Adjustable LED luminaire with, R55 optic, 2700K CCT AND, 98CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

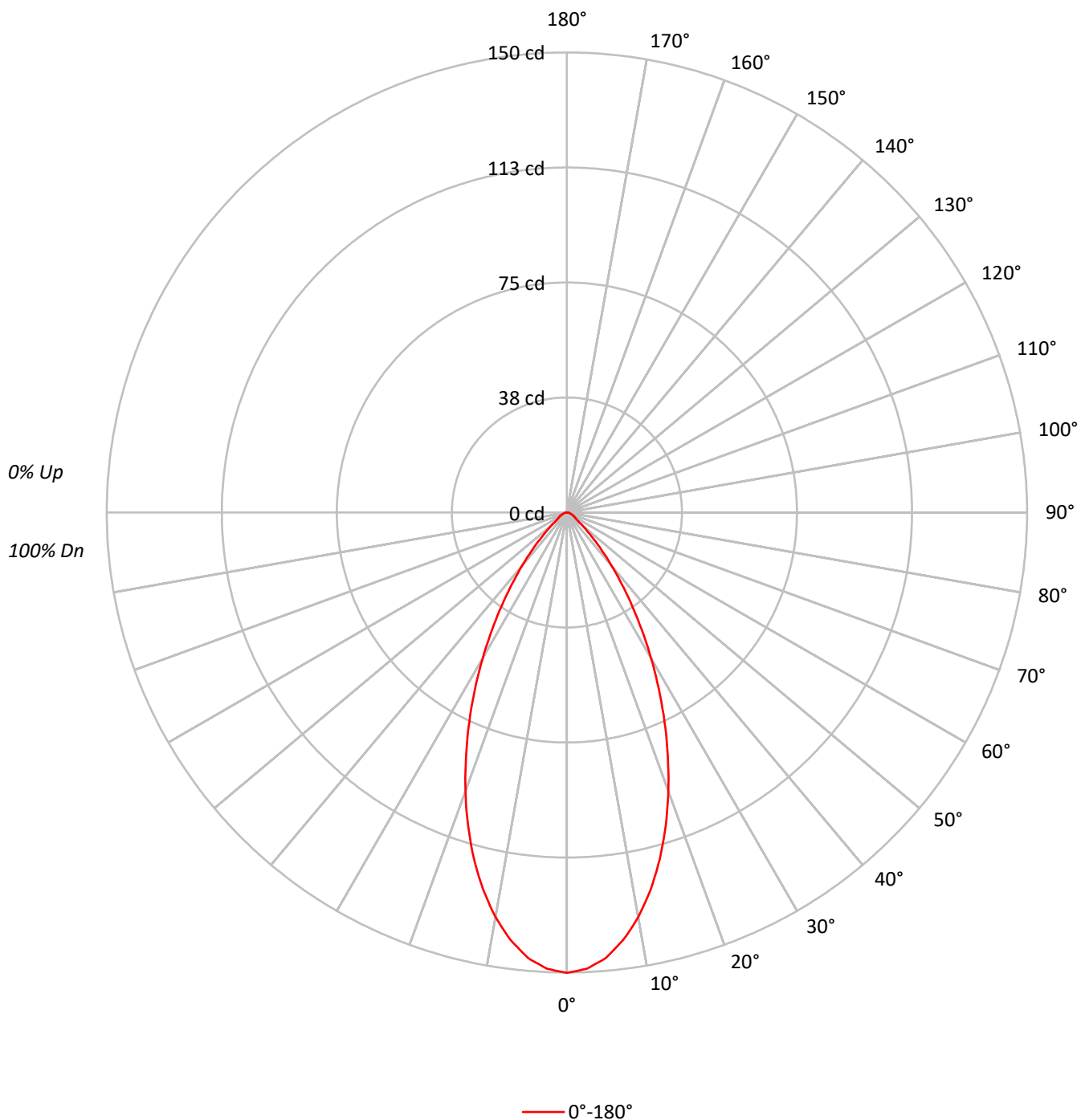
Lumens per Lamp: N/A
Luminaire Lumens: 121.0 lumens
Efficiency: N/A
Efficacy: 33.6 lumens/watt
Spacing Criteria (0/90/45): 0.77 / 0.77 / 0.8
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1271071

CATALOG NUMBER: P3AS02R559827DE010 E3DLP1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1271071

CATALOG NUMBER: P3AS02R559827DE010 E3DLP1MW

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		0
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		100
1	113	110	107	105	110	108	105	103	104	102	100		100	98	97		92
2	107	102	97	94	105	100	96	93	97	93	91		94	91	89		85
3	101	94	89	85	99	93	88	84	90	86	83		88	84	81		79
4	96	88	82	77	94	87	81	77	84	80	76		82	78	75		73
5	91	82	76	71	89	81	75	71	79	74	70		77	73	70		67
6	86	77	70	66	84	76	70	66	74	69	65		73	68	65		63
7	82	72	66	61	80	71	65	61	70	65	61		69	64	60		59
8	78	68	62	57	76	67	61	57	66	61	57		65	60	57		55
9	74	64	58	54	73	63	58	54	62	57	53		62	57	53		52
10	70	60	55	51	69	60	54	50	59	54	50		58	54	50		49

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	32914
5°	32093
10°	29837
15°	26561
20°	22565
25°	18219
30°	13901
35°	9878
40°	6527
45°	3876
50°	2252
55°	1415
60°	1228
65°	1141
70°	962
75°	847
80°	884
85°	755

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 3876 cd/sqm

TEST NUMBER: P1271071

CATALOG NUMBER: P3AS02R559827DE010 E3DLP1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	13.5	11.2
10°-20°	32.4	26.8
20°-30°	34.4	28.4
30°-40°	23.2	19.2
40°-50°	10.2	8.4
50°-60°	3.6	3.0
60°-70°	2.1	1.8
70°-80°	1.1	0.9
80°-90°	0.4	0.3
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°	80.3	66.4
0°-40°	103.6	85.6
0°-60°	117.4	97.0
0°-90°	121.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	121.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	150	
5°	146	14
15°	117	32
25°	75	34
35°	37	23
45°	12	10
55°	4	4
65°	2	2
75°	1	1
85°	0	0
90°	0	

TEST NUMBER: P1271071

CATALOG NUMBER: P3AS02R559827DE010 E3DLP1MW

CANDELA DISTRIBUTION (FULL):

	0°
0°	150.1
2.5°	148.9
5°	145.8
7.5°	140.6
10°	134.0
12.5°	126.0
15°	117.0
17.5°	107.1
20°	96.7
22.5°	85.9
25°	75.3
27.5°	64.8
30°	54.9
32.5°	45.4
35°	36.9
37.5°	29.3
40°	22.8
42.5°	17.1
45°	12.5
47.5°	9.1
50°	6.6
52.5°	4.7
55°	3.7
57.5°	3.3
60°	2.8
62.5°	2.5
65°	2.2
67.5°	1.8
70°	1.5
72.5°	1.3
75°	1.0
77.5°	0.8
80°	0.7
82.5°	0.5
85°	0.3
87.5°	0.2
90°	0.0

(END OF REPORT)