

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: P1250951

Luminaire Tested: P3AS02R609030DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1250951
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-38)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R609030DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R60 optic, 3000K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

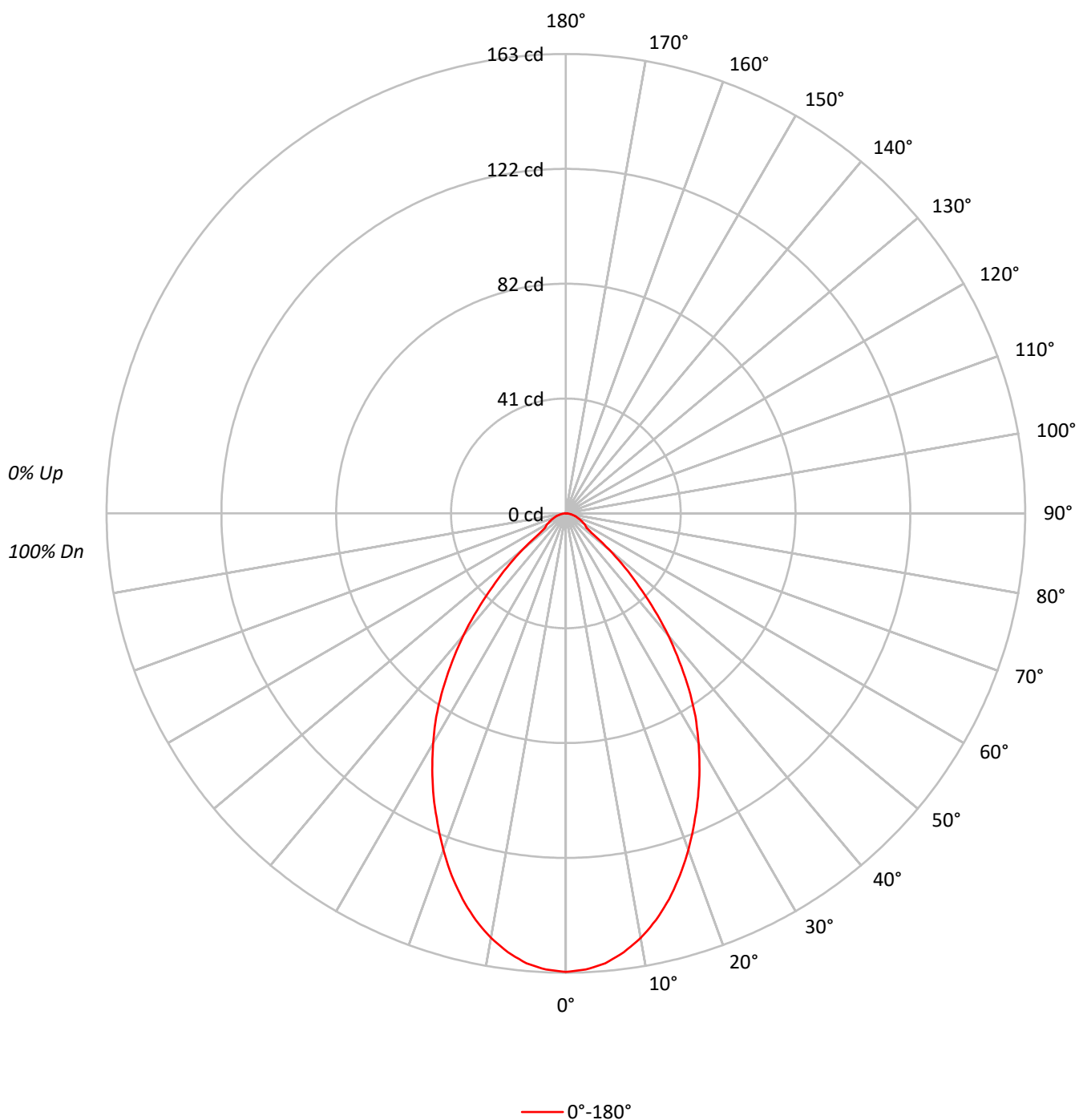
Lumens per Lamp: N/A
Luminaire Lumens: 201.0 lumens
Efficiency: N/A
Efficacy: 55.8 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1250951

CATALOG NUMBER: P3AS02R609030DE010 E3DLD1MW

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	112	109	106	103	110	107	104	101	102	100	98		99	97	95		95
2	105	99	94	90	103	97	93	89	94	90	87		91	88	85		88
3	99	91	85	80	96	89	84	79	87	82	78		84	80	77		82
4	92	83	77	72	90	82	76	71	80	75	70		78	73	70		76
5	87	77	70	65	85	76	69	65	74	68	64		72	67	63		71
6	82	71	64	59	80	70	64	59	69	63	58		67	62	58		66
7	77	66	59	54	75	65	59	54	64	58	54		63	57	53		61
8	72	61	55	50	71	61	54	50	60	54	49		59	53	49		58
9	68	57	51	46	67	57	50	46	56	50	46		55	49	46		54
10	65	54	47	43	64	53	47	43	52	47	43		52	46	42		51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	35677
5°	35285
10°	34068
15°	32168
20°	29659
25°	26856
30°	23852
35°	20371
40°	16202
45°	11412
50°	6823
55°	3441
60°	3333
65°	3061
70°	2821
75°	2711
80°	2526
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 11412 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	15.1	7.5
10°-20°	39.6	19.7
20°-30°	50.9	25.3
30°-40°	47.2	23.5
40°-50°	28.7	14.3
50°-60°	9.6	4.8
60°-70°	5.8	2.9
70°-80°	3.3	1.6
80°-90°	0.9	0.5
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°	105.5	52.5
0°-40°	152.7	76.0
0°-60°	191.0	95.0
0°-90°	201.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	201.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	163	
5°	160	15
15°	142	40
25°	111	51
35°	76	47
45°	37	29
55°	9	10
65°	6	6
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	162.7
2.5°	162.0
5°	160.3
7.5°	157.1
10°	153.0
12.5°	147.8
15°	141.7
17.5°	134.7
20°	127.1
22.5°	119.0
25°	111.0
27.5°	102.7
30°	94.2
32.5°	85.6
35°	76.1
37.5°	66.1
40°	56.6
42.5°	46.6
45°	36.8
47.5°	28.5
50°	20.0
52.5°	12.0
55°	9.0
57.5°	8.3
60°	7.6
62.5°	6.6
65°	5.9
67.5°	5.1
70°	4.4
72.5°	3.7
75°	3.2
77.5°	2.4
80°	2.0
82.5°	1.2
85°	0.7
87.5°	0.5
90°	0.0

(END OF REPORT)