

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: P1286102

Luminaire Tested: P3AS02R309030D2WDE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1286102
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-14)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R309030D2WDE010 E3DLD1MW
Description: 3in Adjustable Dim to Warm LED luminaire with, R30 optic, 3000K CCT AND, 90CRI ,
E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

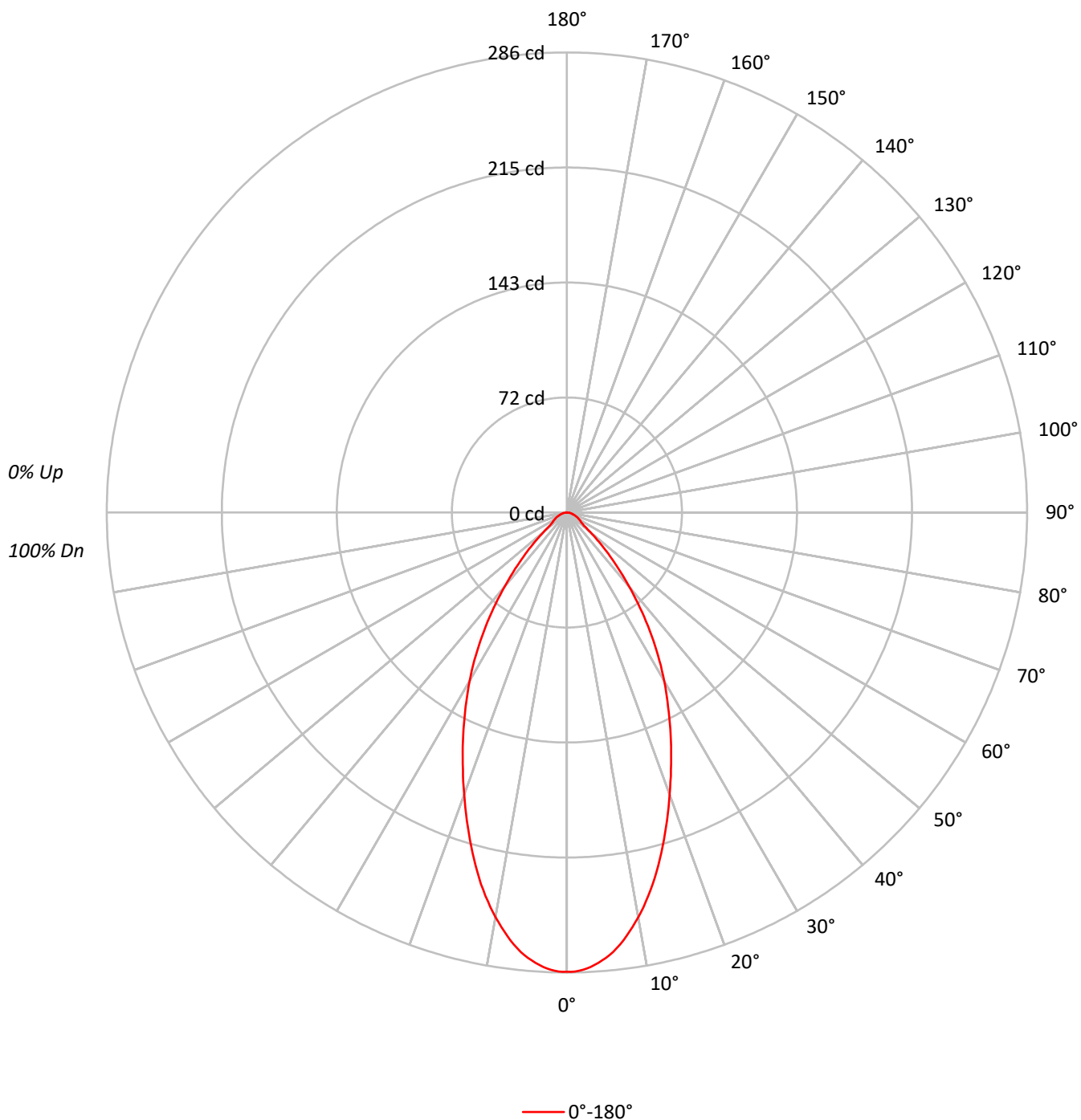
Lumens per Lamp: N/A
Luminaire Lumens: 265.1 lumens
Efficiency: N/A
Efficacy: 36.8 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
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: P1286102

CATALOG NUMBER: P3AS02R309030D2WDE010 E3DLD1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1286102

CATALOG NUMBER: P3AS02R309030D2WDE010 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	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	112	109	106	104	110	107	105	102	103	101	99	99	98	96	96	94	93	91		
2	106	100	96	92	104	99	94	91	95	92	89	92	89	87	89	87	85	83		
3	100	92	87	82	98	91	86	82	88	84	80	86	82	79	84	80	78	76		
4	94	85	79	74	92	84	79	74	82	77	73	80	76	72	78	74	71	70		
5	89	79	73	68	87	78	72	68	76	71	67	75	70	66	73	69	66	64		
6	84	74	67	62	82	73	67	62	71	66	62	70	65	61	69	64	61	59		
7	79	69	62	58	78	68	62	58	67	61	57	66	61	57	65	60	57	55		
8	75	65	58	54	74	64	58	53	63	57	53	62	57	53	61	56	53	51		
9	71	61	54	50	70	60	54	50	59	54	50	58	53	50	57	53	49	48		
10	68	57	51	47	67	57	51	47	56	50	47	55	50	46	54	50	46	45		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	62605
5°	61193
10°	56913
15°	50647
20°	43567
25°	36897
30°	30638
35°	24039
40°	17232
45°	11288
50°	6448
55°	4244
60°	3991
65°	3736
70°	3334
75°	3050
80°	2904
85°	2516

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 11288 cd/sqm

TEST NUMBER: P1286102

CATALOG NUMBER: P3AS02R309030D2WDE010 E3DLD1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	25.8	9.7
10°-20°	62.0	23.4
20°-30°	69.9	26.4
30°-40°	55.8	21.1
40°-50°	28.7	10.8
50°-60°	10.8	4.1
60°-70°	7.1	2.7
70°-80°	3.8	1.4
80°-90°	1.1	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°	157.7	59.5
0°-40°	213.6	80.6
0°-60°	253.1	95.5
0°-90°	265.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	265.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	286	
5°	278	26
15°	223	62
25°	152	70
35°	90	56
45°	36	29
55°	11	11
65°	7	7
75°	4	4
85°	1	1
90°	0	

TEST NUMBER: P1286102

CATALOG NUMBER: P3AS02R309030D2WDE010 E3DLD1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	285.5
1°	285.5
2°	284.5
3°	282.9
4°	280.6
5°	278.0
6°	274.8
7°	270.6
8°	266.0
9°	260.8
10°	255.6
11°	249.7
12°	243.6
13°	237.1
14°	230.2
15°	223.1
17.5°	204.9
20°	186.7
22.5°	169.1
25°	152.5
27.5°	136.3
30°	121.0
32.5°	105.4
35°	89.8
37.5°	74.5
40°	60.2
42.5°	47.5
45°	36.4
47.5°	27.0
50°	18.9
52.5°	13.3
55°	11.1
57.5°	10.1
60°	9.1
62.5°	8.1
65°	7.2
67.5°	6.2
70°	5.2
72.5°	4.2
75°	3.6
77.5°	2.9
80°	2.3
82.5°	1.6
85°	1.0
87.5°	0.3



TEST NUMBER: P1286102

CATALOG NUMBER: P3AS02R309030D2WDE010 E3DLD1MW

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)