

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: P1286262

Luminaire Tested: P3AS02R609030D2WDE010 E3D1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1286262
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-40)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R609030D2WDE010 E3D1MW
Description: 3in Adjustable Dim to Warm LED luminaire with, R60 optic, 3000K CCT AND, 90CRI , E3D1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

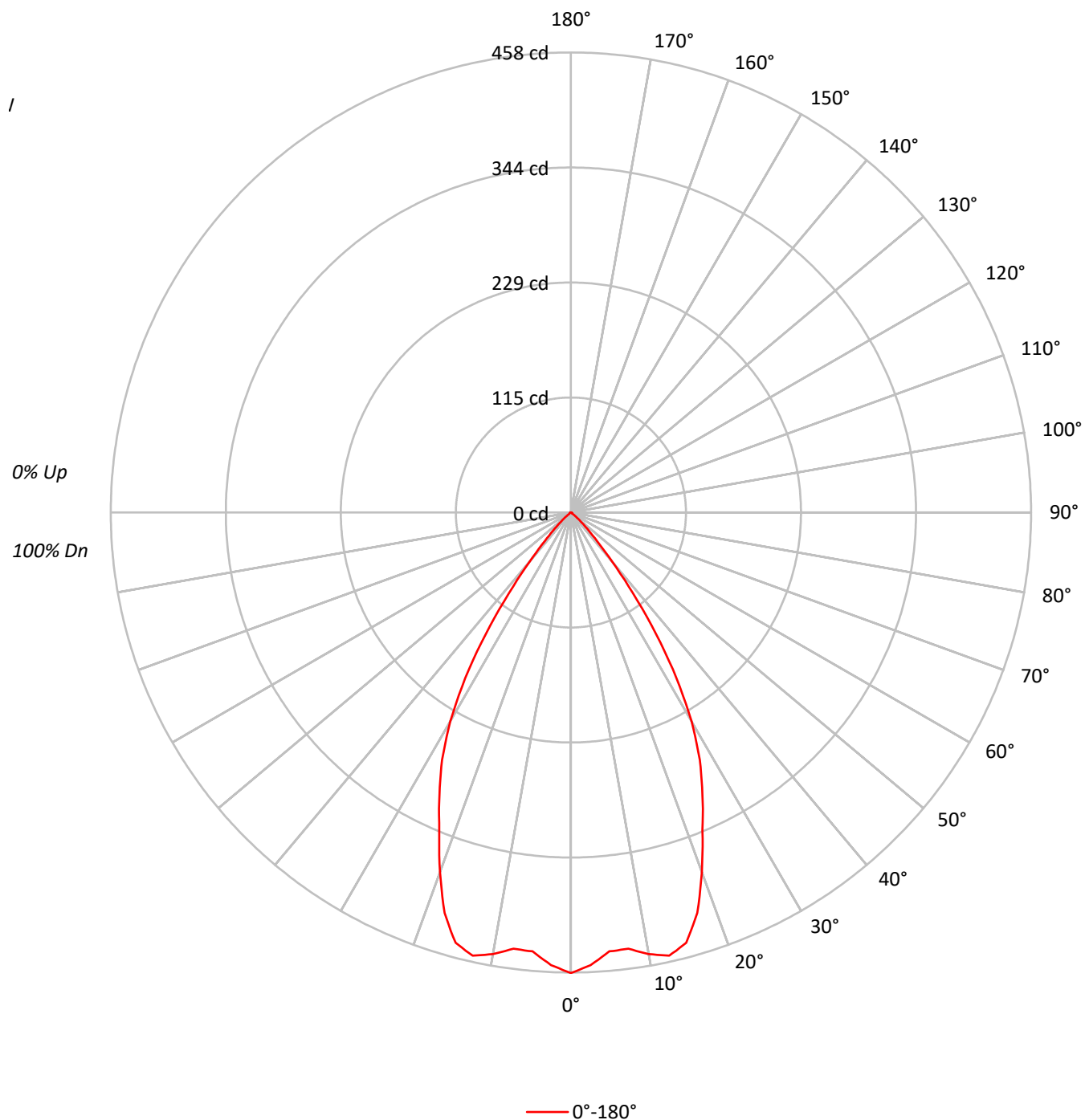
Lumens per Lamp: N/A
Luminaire Lumens: 421.0 lumens
Efficiency: N/A
Efficacy: 58.5 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 0.91
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1286262

CATALOG NUMBER: P3AS02R609030D2WDE010 E3D1MW

Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20					20					20					20
RC	80				70					30					10					0
RW	70	50	30	10	70	50	30	10	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	102	102	102			100
1	114	111	108	106	111	109	106	104	105	103	101	101	100	98	97	96	95			94
2	108	103	99	96	106	102	98	95	98	95	93	95	93	91	93	91	89			87
3	103	96	91	88	101	95	90	87	92	89	85	90	87	84	88	85	83			81
4	98	90	85	81	96	89	84	80	87	83	79	85	81	78	83	80	77			76
5	93	84	79	74	91	84	78	74	82	77	73	80	76	73	79	75	72			71
6	88	79	73	69	87	79	73	69	77	72	68	76	71	68	74	70	68			66
7	84	75	69	64	82	74	68	64	73	68	64	71	67	64	70	66	63			62
8	80	70	64	60	78	70	64	60	69	64	60	68	63	60	67	62	59			58
9	76	66	61	57	75	66	60	56	65	60	56	64	59	56	63	59	56			55
10	72	63	57	53	71	62	57	53	62	56	53	61	56	53	60	56	53			51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	100540
5°	96544
10°	99397
15°	100682
20°	88908
25°	74932
30°	60769
35°	39565
40°	18177
45°	6977
50°	2320
55°	612
60°	570
65°	519
70°	449
75°	593
80°	379
85°	755

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 6977 cd/sqm

TEST NUMBER: P1286262

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	42.2	10.0
10°-20°	121.5	28.8
20°-30°	141.7	33.6
30°-40°	91.4	21.7
40°-50°	20.5	4.9
50°-60°	2.0	0.5
60°-70°	1.0	0.2
70°-80°	0.6	0.1
80°-90°	0.2	0.0
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°	305.3	72.5
0°-40°	396.7	94.2
0°-60°	419.2	99.6
0°-90°	421.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	421.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	458	
5°	439	42
15°	444	121
25°	310	142
35°	148	91
45°	22	20
55°	2	2
65°	1	1
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	458.5
2.5°	451.0
5°	438.6
7.5°	438.0
10°	446.4
12.5°	452.0
15°	443.5
17.5°	418.1
20°	381.0
22.5°	342.2
25°	309.7
27.5°	277.7
30°	240.0
32.5°	195.7
35°	147.8
37.5°	100.9
40°	63.5
42.5°	38.1
45°	22.5
47.5°	13.0
50°	6.8
52.5°	2.3
55°	1.6
57.5°	1.3
60°	1.3
62.5°	1.0
65°	1.0
67.5°	1.0
70°	0.7
72.5°	0.7
75°	0.7
77.5°	0.3
80°	0.3
82.5°	0.3
85°	0.3
87.5°	0.0
90°	0.0

(END OF REPORT)