

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: P1261033

Luminaire Tested: P3AS24R309050D010 E3D1LI

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1261033
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-10)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R309050D010 E3D1LI
Description: 3in Adjustable LED luminaire with, R30 optic, 5000K CCT AND, 90CRI , E3D1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

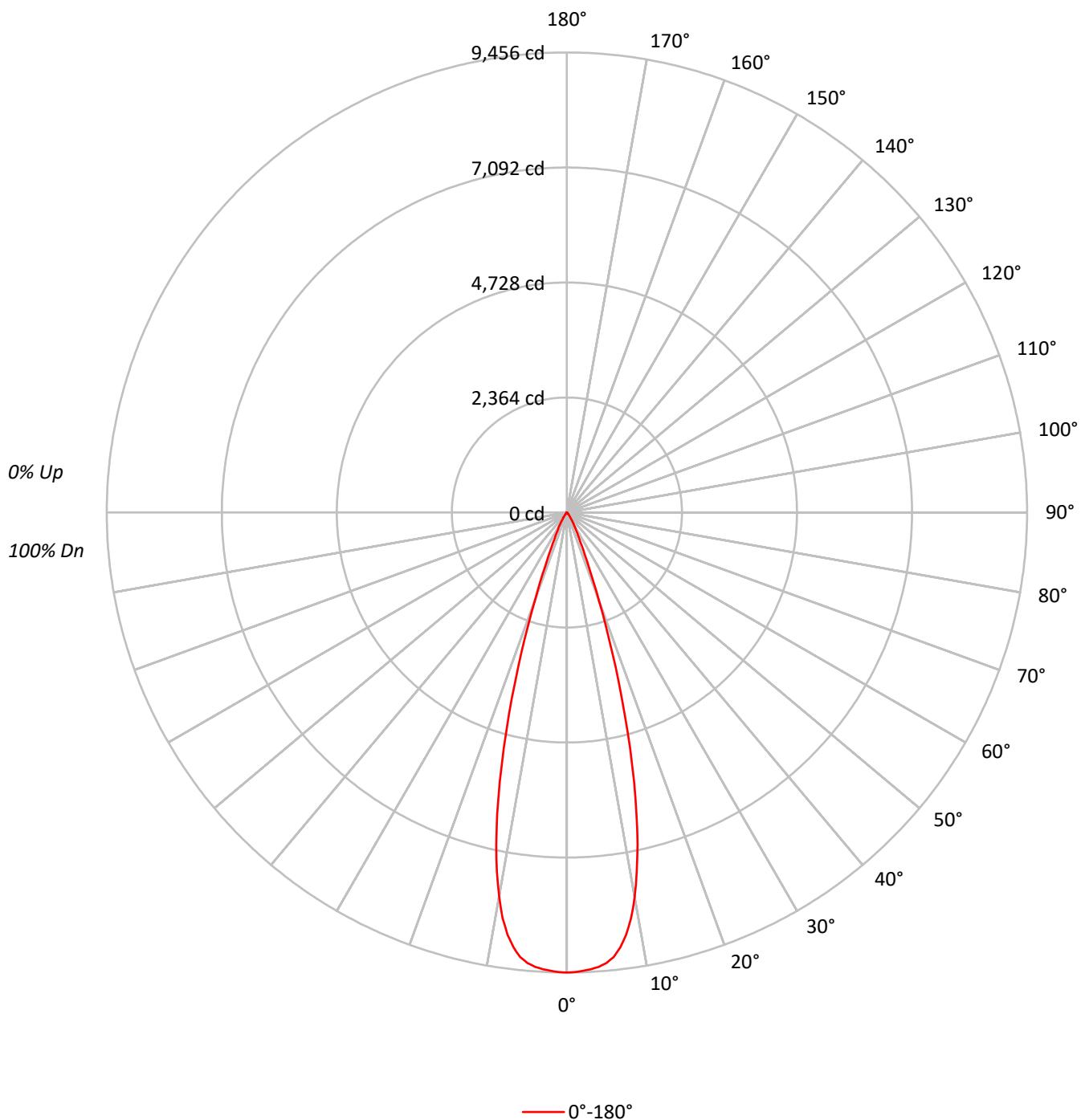
Lumens per Lamp: N/A
Luminaire Lumens: 2606.0 lumens
Efficiency: N/A
Efficacy: 90.5 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.47
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
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: P1261033

CATALOG NUMBER: P3AS24R309050D010 E3D1LI

Luminous Intensity Polar Plot



TEST NUMBER: P1261033

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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	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	99	98
1	115	113	111	109	113	111	109	108	107	106	104	103	102	101	100	99	98	97	96	95
2	111	108	105	102	109	106	103	101	103	101	99	100	98	97	97	96	95	94	93	92
3	108	103	100	97	106	102	99	96	99	97	95	97	95	93	95	93	92	90	89	88
4	105	99	95	92	103	98	95	92	96	93	91	94	92	90	93	91	89	88	87	86
5	101	96	92	89	100	95	91	88	93	90	87	92	89	87	90	88	86	85	84	83
6	99	92	88	85	97	92	88	85	90	87	85	89	86	84	88	85	83	82	81	80
7	96	89	85	82	95	89	85	82	88	84	82	87	84	81	86	83	81	80	79	78
8	93	87	83	80	92	86	82	80	85	82	79	84	81	79	84	81	79	78	77	76
9	91	84	80	77	90	84	80	77	83	79	77	82	79	77	82	79	77	76	75	74
10	88	82	78	75	88	81	78	75	81	77	75	80	77	75	80	77	75	74	73	72

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	2073408
5°	2046374
10°	1786674
15°	1135625
20°	449929
25°	150275
30°	69935
35°	31695
40°	12166
45°	5954
50°	1740
55°	765
60°	439
65°	519
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 5954 cd/sqm

TEST NUMBER: P1261033

CATALOG NUMBER: P3AS24R309050D010 E3D1LI

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	850.0	32.6
10°-20°	1318.1	50.6
20°-30°	339.9	13.0
30°-40°	79.8	3.1
40°-50°	15.6	0.6
50°-60°	1.8	0.1
60°-70°	0.9	0.0
70°-80°	0.0	0.0
80°-90°	0.0	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°	2507.9	96.2
0°-40°	2587.8	99.3
0°-60°	2605.1	100.0
0°-90°	2606.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2606.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	9456	
5°	9297	850
15°	5002	1318
25°	621	340
35°	118	80
45°	19	16
55°	2	2
65°	1	1
75°	0	0
85°	0	0
90°	0	

TEST NUMBER: P1261033

CATALOG NUMBER: P3AS24R309050D010 E3D1LI

CANDELA DISTRIBUTION (FULL):

0°	
0°	9455.5
1°	9448.4
2°	9426.2
3°	9400.9
4°	9363.5
5°	9296.7
6°	9188.5
7°	9008.4
8°	8762.6
9°	8441.9
10°	8024.1
11°	7527.4
12°	6985.2
13°	6361.0
14°	5707.5
15°	5002.4
16°	4311.5
17°	3645.8
18°	3007.5
19°	2421.8
20°	1928.1
21°	1517.4
22°	1193.7
23°	944.8
24°	756.7
25°	621.1
26°	517.9
27°	440.1
28°	380.4
29°	325.7
30°	276.2
32.5°	174.0
35°	118.4
37.5°	73.8
40°	42.5
42.5°	28.3
45°	19.2
47.5°	11.1
50°	5.1
52.5°	2.0
55°	2.0
57.5°	1.0
60°	1.0
62.5°	1.0
65°	1.0



TEST NUMBER: P1261033
CATALOG NUMBER: P3AS24R309050D010 E3D1LI

CANDELA DISTRIBUTION (continued):

	0°
67.5°	1.0
70°	0.0
72.5°	0.0
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)