

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: P1250294

Luminaire Tested: P3AS24R259027D010 E3DLD1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1250294
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-10)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R259027D010 E3DLD1H
Description: 3in Adjustable LED luminaire with, R25 optic, 2700K CCT AND, 90CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

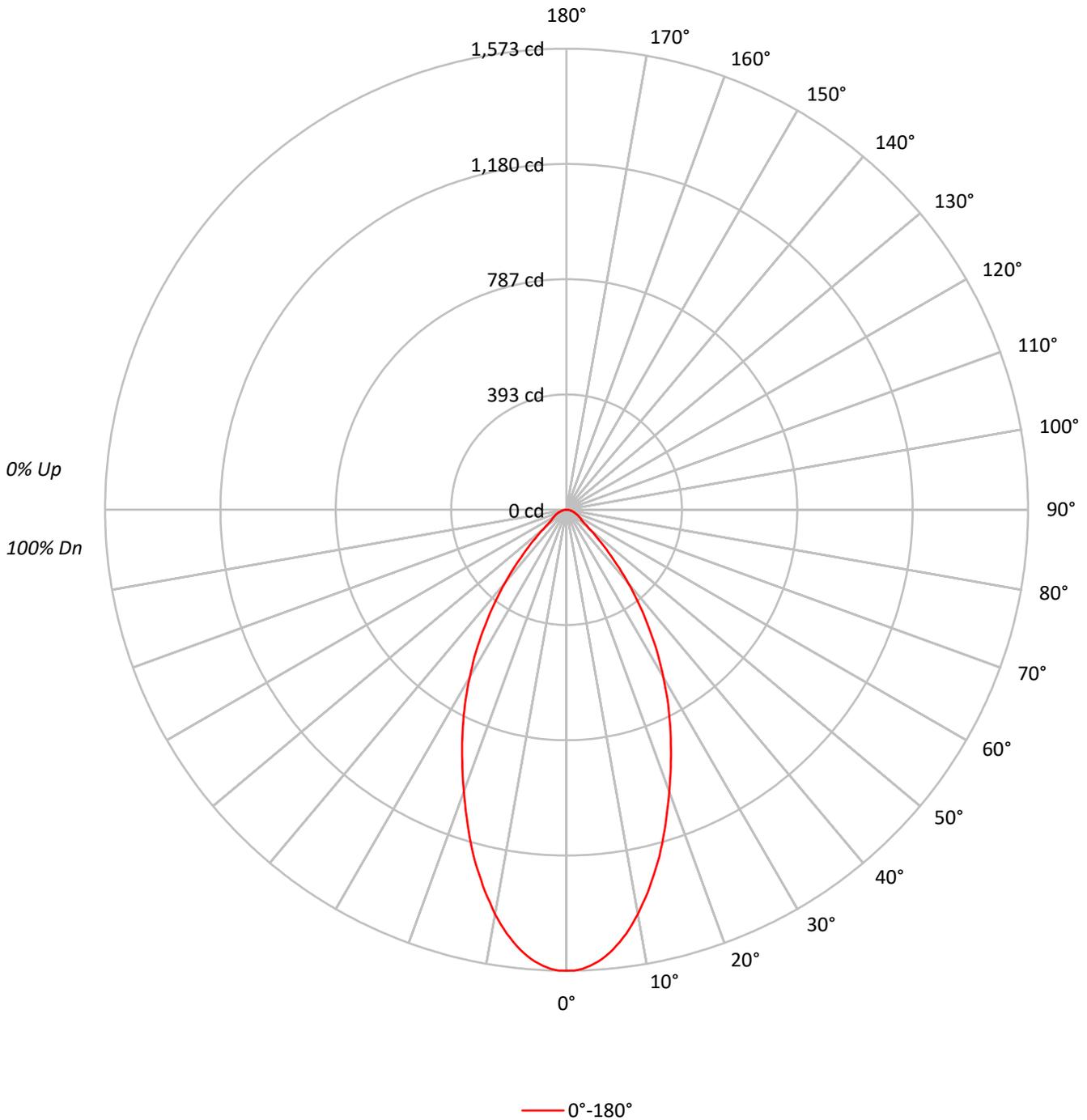
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1451.0 lumens
Efficiency: N/A
Efficacy: 50.4 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): 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: P1250294
CATALOG NUMBER: P3AS24R259027D010 E3DLD1H

Luminous Intensity Polar Plot





TEST NUMBER: P1250294
 CATALOG NUMBER: P3AS24R259027D010 E3DLD1H

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20				
RC	80				70				50				30				10			0	
RW	70	50	30	10	70	50	30	10	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			100
1	112	109	106	104	110	107	105	102	103	101	99	99	98	96	96	94	93	91			91
2	106	100	96	92	104	99	94	91	95	92	89	92	89	87	89	87	85	83			83
3	100	92	87	82	98	91	86	82	88	84	80	86	82	79	83	80	78	76			76
4	94	85	79	74	92	84	78	74	82	77	73	80	76	72	78	74	71	70			70
5	89	79	73	68	87	78	72	68	76	71	67	75	70	66	73	69	66	64			64
6	84	74	67	62	82	73	67	62	71	66	62	70	65	61	69	64	61	59			59
7	79	69	62	58	78	68	62	58	67	61	57	66	61	57	65	60	57	55			55
8	75	65	58	54	74	64	58	53	63	57	53	62	57	53	61	56	53	51			51
9	71	61	54	50	70	60	54	50	59	54	50	58	53	50	57	53	49	48			48
10	68	57	51	47	67	57	51	47	56	50	47	55	50	46	54	50	46	45			45

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	344841
5°	336627
10°	311929
15°	277822
20°	238744
25°	202923
30°	167064
35°	130179
40°	93661
45°	59417
50°	35137
55°	24200
60°	22191
65°	20651
70°	18529
75°	16860
80°	16037
85°	13586

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 59417 cd/sqm



TEST NUMBER: P1250294
 CATALOG NUMBER: P3AS24R259027D010 E3DLD1H

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	141.8	9.8
10°-20°	339.7	23.4
20°-30°	383.9	26.5
30°-40°	303.6	20.9
40°-50°	153.4	10.6
50°-60°	61.4	4.2
60°-70°	39.3	2.7
70°-80°	21.7	1.5
80°-90°	6.1	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°	865.4	59.6
0°-40°	1169.0	80.6
0°-60°	1383.8	95.4
0°-90°	1451.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1451.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1573	
5°	1529	142
15°	1224	340
25°	839	384
35°	486	304
45°	192	153
55°	63	61
65°	40	39
75°	20	22
85°	5	6
90°	0	

TEST NUMBER: P1250294
CATALOG NUMBER: P3AS24R259027D010 E3DLD1H

CANDELA DISTRIBUTION (FULL):

0°	
0°	1572.6
1°	1572.6
2°	1567.2
3°	1558.2
4°	1545.5
5°	1529.3
6°	1509.4
7°	1485.9
8°	1460.6
9°	1431.7
10°	1400.9
11°	1366.6
12°	1334.0
13°	1296.1
14°	1259.9
15°	1223.8
17.5°	1122.5
20°	1023.1
22.5°	929.1
25°	838.7
27.5°	750.2
30°	659.8
32.5°	574.8
35°	486.3
37.5°	404.9
40°	327.2
42.5°	254.9
45°	191.6
47.5°	142.8
50°	103.0
52.5°	77.7
55°	63.3
57.5°	57.8
60°	50.6
62.5°	45.2
65°	39.8
67.5°	34.3
70°	28.9
72.5°	25.3
75°	19.9
77.5°	16.3
80°	12.7
82.5°	9.0
85°	5.4
87.5°	1.8



TEST NUMBER: P1250294
CATALOG NUMBER: P3AS24R259027D010 E3DLD1H

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)