

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: P1261007

Luminaire Tested: P3AS24R259050D010 E3DL1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1261007
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-11)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R259050D010 E3DL1LI
Description: 3in Adjustable LED luminaire with, R25 optic, 5000K CCT AND, 90CRI , E3DL1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

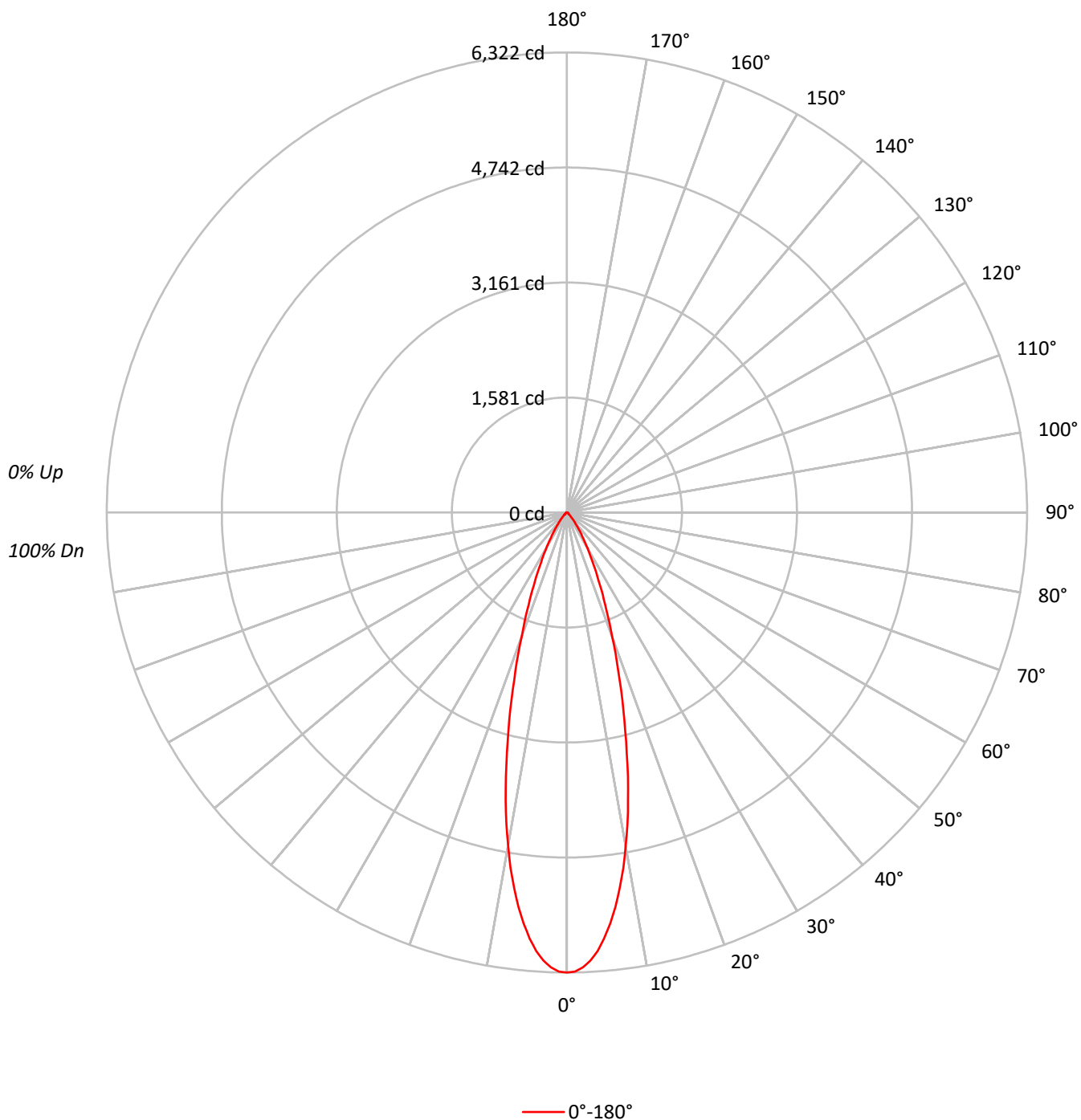
Lumens per Lamp: N/A
Luminaire Lumens: 2161.0 lumens
Efficiency: N/A
Efficacy: 75.0 lumens/watt
Spacing Criteria (0/90/45): 0.49 / 0.49 / 0.51
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1261007

CATALOG NUMBER: P3AS24R259050D010 E3DL1LI

Luminous Intensity Polar Plot



TEST NUMBER: P1261007

CATALOG NUMBER: P3AS24R259050D010 E3DL1LI

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	114	112	110	108	112	110	108	106	106	104	103		102	101	100		99
2	110	105	102	99	107	104	101	98	101	98	96		98	96	94		95
3	105	100	96	92	103	98	95	91	96	93	90		94	91	89		91
4	101	95	90	87	99	94	89	86	92	88	85		90	87	84		88
5	97	90	85	82	96	89	85	81	88	84	81		86	83	80		85
6	94	86	81	78	92	86	81	78	84	80	77		83	79	77		82
7	90	83	78	74	89	82	77	74	81	77	74		80	76	73		79
8	87	79	74	71	86	79	74	71	78	74	71		77	73	70		76
9	84	76	71	68	83	76	71	68	75	71	68		74	70	68		73
10	81	73	69	65	80	73	68	65	72	68	65		72	68	65		71

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1386205
5°	1293305
10°	1036031
15°	703250
20°	425544
25°	248845
30°	141718
35°	77952
40°	41392
45°	21770
50°	12690
55°	9481
60°	8157
65°	8561
70°	7950
75°	7032
80°	5177
85°	5284

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 21770 cd/sqm

TEST NUMBER: P1261007

CATALOG NUMBER: P3AS24R259050D010 E3DL1LI

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	521.4	24.1
10°-20°	851.7	39.4
20°-30°	486.7	22.5
30°-40°	192.0	8.9
40°-50°	58.9	2.7
50°-60°	23.3	1.1
60°-70°	15.6	0.7
70°-80°	8.7	0.4
80°-90°	2.8	0.1
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°	1859.7	86.1
0°-40°	2051.8	94.9
0°-60°	2133.9	98.7
0°-90°	2161.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2161.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	6322	
5°	5876	521
15°	3098	852
25°	1028	487
35°	291	192
45°	70	59
55°	25	23
65°	16	16
75°	8	9
85°	2	3
90°	0	

TEST NUMBER: P1261007

CATALOG NUMBER: P3AS24R259050D010 E3DL1LI

CANDELA DISTRIBUTION (FULL):

0°	
0°	6321.6
1°	6309.2
2°	6257.6
3°	6166.7
4°	6040.7
5°	5875.5
6°	5681.4
7°	5462.5
8°	5208.4
9°	4948.2
10°	4652.9
11°	4361.7
12°	4041.6
13°	3725.6
14°	3401.4
15°	3097.8
17.5°	2401.8
20°	1823.6
22.5°	1369.2
25°	1028.5
27.5°	762.1
30°	559.7
32.5°	404.8
35°	291.2
37.5°	206.5
40°	144.6
42.5°	99.1
45°	70.2
47.5°	49.6
50°	37.2
52.5°	28.9
55°	24.8
57.5°	22.7
60°	18.6
62.5°	16.5
65°	16.5
67.5°	14.5
70°	12.4
72.5°	10.3
75°	8.3
77.5°	6.2
80°	4.1
82.5°	4.1
85°	2.1
87.5°	2.1



TEST NUMBER: P1261007

CATALOG NUMBER: P3AS24R259050D010 E3DL1LI

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)