

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: P1250437

Luminaire Tested: P3AS24R509027D010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1250437
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-29)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R509027D010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R50 optic, 2700K CCT AND, 90CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

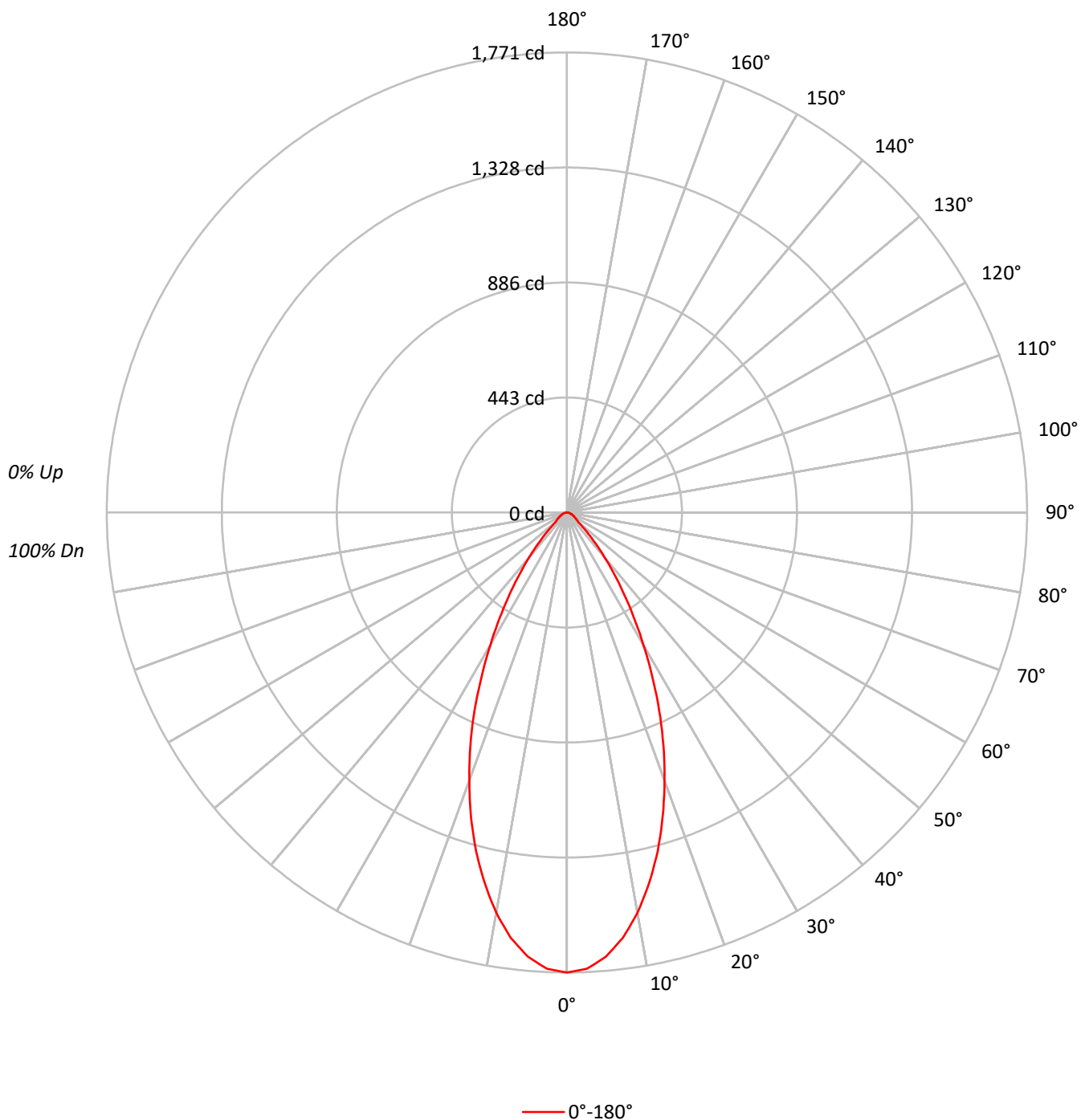
Lumens per Lamp: N/A
Luminaire Lumens: 1334.9 lumens
Efficiency: N/A
Efficacy: 46.4 lumens/watt
Spacing Criteria (0/90/45): 0.75 / 0.75 / 0.77
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1250437

CATALOG NUMBER: P3AS24R509027D010 E3DL1WH

Luminous Intensity Polar Plot



TEST NUMBER: P1250437

CATALOG NUMBER: P3AS24R509027D010 E3DL1WH

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	113	110	107	105	111	108	106	103	104	102	100		100	99	97		97
2	107	102	98	94	105	100	96	93	97	94	91		94	91	89		91
3	101	95	89	85	99	93	88	85	91	87	83		88	85	82		86
4	96	88	82	78	94	87	82	78	85	80	77		83	79	76		81
5	91	83	76	72	90	82	76	72	80	75	71		78	74	70		77
6	87	77	71	67	85	77	71	67	75	70	66		74	69	66		72
7	82	73	67	62	81	72	66	62	71	66	62		70	65	61		68
8	78	69	63	58	77	68	62	58	67	62	58		66	61	58		65
9	75	65	59	55	74	64	59	55	63	58	55		63	58	54		62
10	71	61	56	52	70	61	55	52	60	55	51		59	55	51		59

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	388280
5°	377833
10°	348401
15°	306404
20°	256362
25°	203286
30°	149137
35°	102526
40°	65179
45°	36407
50°	19718
55°	16592
60°	14253
65°	13127
70°	11605
75°	10675
80°	9092
85°	9057

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 36407 cd/sqm

TEST NUMBER: P1250437

CATALOG NUMBER: P3AS24R509027D010 E3DL1WH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	159.0	11.9
10°-20°	373.8	28.0
20°-30°	382.4	28.6
30°-40°	242.4	18.2
40°-50°	96.5	7.2
50°-60°	39.1	2.9
60°-70°	25.0	1.9
70°-80°	12.9	1.0
80°-90°	3.9	0.3
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°	915.2	68.6
0°-40°	1157.6	86.7
0°-60°	1293.2	96.9
0°-90°	1334.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1334.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1771	
5°	1716	159
15°	1350	374
25°	840	382
35°	383	242
45°	117	96
55°	43	39
65°	25	25
75°	13	13
85°	4	4
90°	0	

TEST NUMBER: P1250437

CATALOG NUMBER: P3AS24R509027D010 E3DL1WH

CANDELA DISTRIBUTION (FULL):

0°	
0°	1770.7
2.5°	1758.1
5°	1716.5
7.5°	1651.4
10°	1564.7
12.5°	1461.7
15°	1349.7
17.5°	1226.8
20°	1098.6
22.5°	970.3
25°	840.2
27.5°	710.1
30°	589.0
32.5°	480.6
35°	383.0
37.5°	299.9
40°	227.7
42.5°	168.0
45°	117.4
47.5°	79.5
50°	57.8
52.5°	48.8
55°	43.4
57.5°	37.9
60°	32.5
62.5°	28.9
65°	25.3
67.5°	21.7
70°	18.1
72.5°	14.5
75°	12.6
77.5°	9.0
80°	7.2
82.5°	5.4
85°	3.6
87.5°	1.8
90°	0.0

(END OF REPORT)