

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: P1261244

Luminaire Tested: P3AS24R659050D010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1261244
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-42)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R659050D010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R65 optic, 5000K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

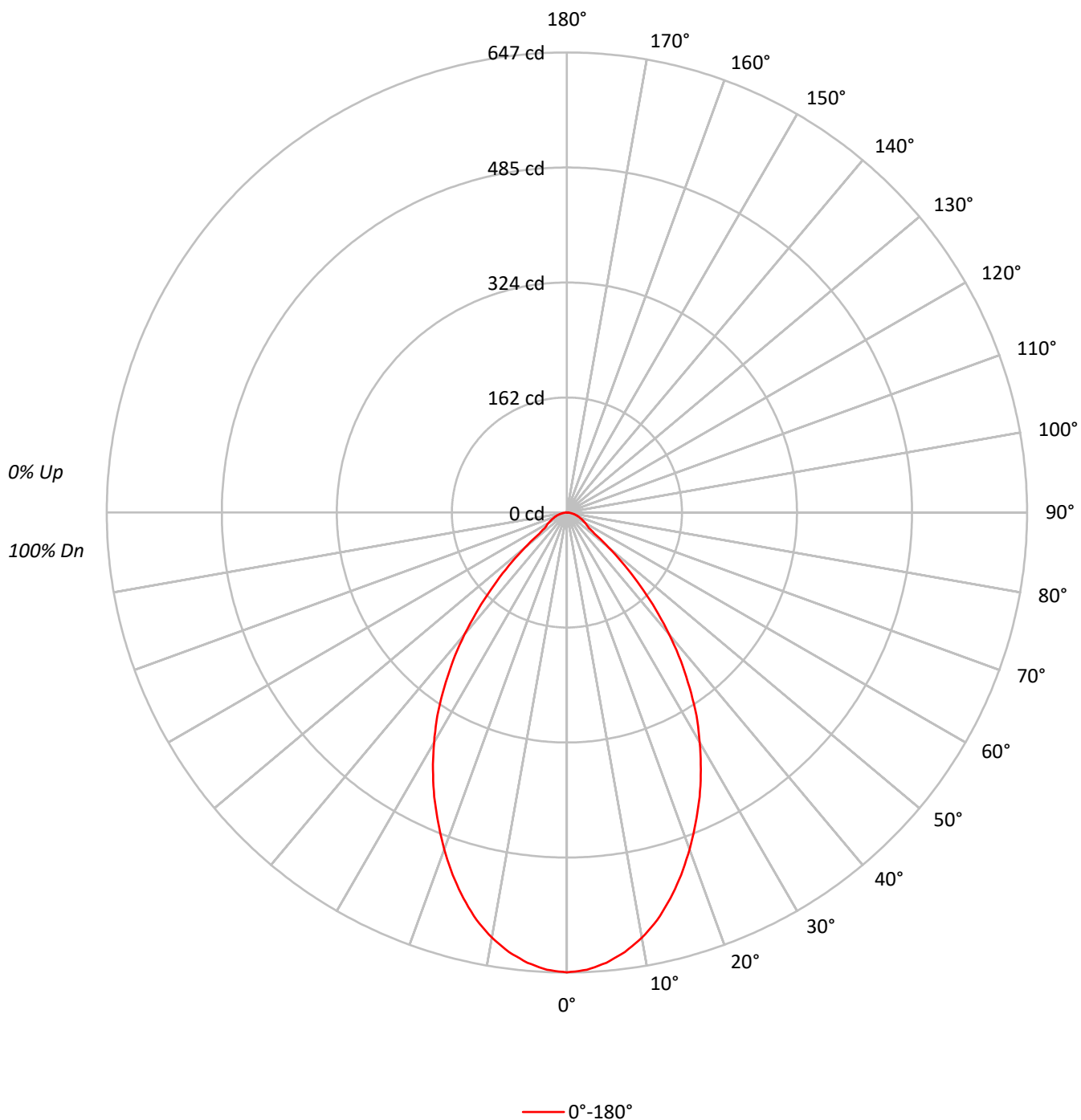
Lumens per Lamp: N/A
Luminaire Lumens: 797.0 lumens
Efficiency: N/A
Efficacy: 27.7 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

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Luminous Intensity Polar Plot



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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
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	112	109	106	103	110	107	104	101	102	100	98		99	97	95		95
2	105	99	94	90	103	97	93	89	94	90	87		91	88	85		88
3	99	91	85	80	96	89	84	79	87	82	78		84	80	77		82
4	92	83	77	72	90	82	76	71	80	75	70		78	73	70		76
5	87	77	70	65	85	76	69	65	74	68	64		72	67	63		71
6	82	71	64	59	80	70	64	59	69	63	58		67	62	58		66
7	77	66	59	54	75	65	59	54	64	58	54		63	57	53		61
8	72	61	55	50	71	61	54	50	60	54	49		59	53	49		58
9	68	57	51	46	67	57	50	46	56	50	46		55	49	46		54
10	65	54	47	43	64	53	47	43	52	47	43		52	46	42		51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	141831
5°	139929
10°	135224
15°	127538
20°	117634
25°	106772
30°	94572
35°	80468
40°	64034
45°	45214
50°	26234
55°	14336
60°	13332
65°	12089
70°	11028
75°	10252
80°	8966
85°	7548

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 45214 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	59.8	7.5
10°-20°	157.2	19.7
20°-30°	202.0	25.3
30°-40°	186.9	23.4
40°-50°	112.8	14.2
50°-60°	38.5	4.8
60°-70°	23.1	2.9
70°-80°	13.1	1.6
80°-90°	3.7	0.5
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°	418.9	52.6
0°-40°	605.8	76.0
0°-60°	757.1	95.0
0°-90°	797.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	797.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	647	
5°	636	60
15°	562	157
25°	441	202
35°	301	187
45°	146	113
55°	38	38
65°	23	23
75°	12	13
85°	3	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	646.8
2.5°	643.8
5°	635.7
7.5°	623.5
10°	607.3
12.5°	587.1
15°	561.8
17.5°	534.4
20°	504.1
22.5°	472.7
25°	441.3
27.5°	407.9
30°	373.5
32.5°	339.1
35°	300.6
37.5°	263.2
40°	223.7
42.5°	184.2
45°	145.8
47.5°	110.3
50°	76.9
52.5°	48.6
55°	37.5
57.5°	33.4
60°	30.4
62.5°	26.3
65°	23.3
67.5°	20.2
70°	17.2
72.5°	15.2
75°	12.1
77.5°	10.1
80°	7.1
82.5°	5.1
85°	3.0
87.5°	2.0
90°	0.0

(END OF REPORT)