

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: P1250512

Luminaire Tested: P3AS24R659027D010 E3CD1MB

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1250512
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-44)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R659027D010 E3CD1MB
Description: 3in Adjustable LED luminaire with, R65 optic, 2700K CCT AND, 90CRI , E3CD1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

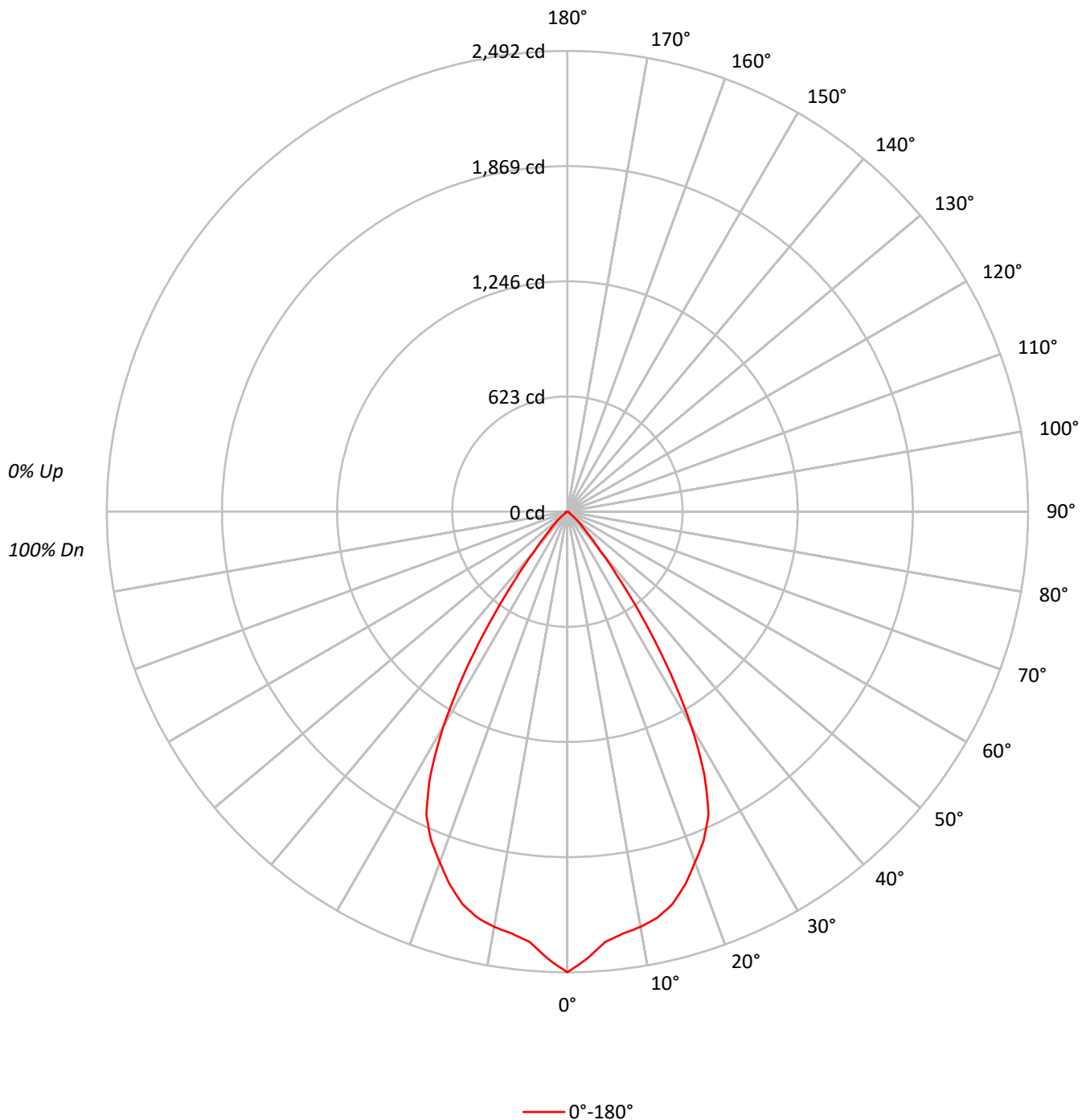
Lumens per Lamp: N/A
Luminaire Lumens: 2236.0 lumens
Efficiency: N/A
Efficacy: 77.6 lumens/watt
Spacing Criteria (0/90/45): 0.98 / 0.98 / 0.9
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	114	111	108	106	111	109	106	104	105	103	101		101	99	98		97
2	108	103	99	96	106	101	98	95	98	95	93		95	93	91		92
3	103	96	91	87	101	95	90	87	92	88	85		90	87	84		88
4	97	90	84	80	96	89	84	80	87	82	79		85	81	78		83
5	93	84	78	74	91	83	78	74	82	77	73		80	76	73		78
6	88	79	73	69	86	78	73	69	77	72	68		75	71	68		74
7	84	74	68	64	82	74	68	64	72	67	64		71	67	63		70
8	80	70	64	60	78	69	64	60	68	63	60		67	63	59		66
9	76	66	60	56	75	66	60	56	65	60	56		64	59	56		63
10	72	63	57	53	71	62	57	53	61	56	53		60	56	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	546426
5°	514284
10°	507739
15°	498800
20°	470931
25°	437082
30°	339748
35°	196540
40°	79206
45°	36438
50°	14191
55°	5543
60°	4780
65°	4670
70°	4616
75°	4575
80°	4546
85°	4529

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 36438 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	222.1	9.9
10°-20°	613.6	27.4
20°-30°	803.2	35.9
30°-40°	465.2	20.8
40°-50°	99.6	4.5
50°-60°	16.2	0.7
60°-70°	8.9	0.4
70°-80°	5.2	0.2
80°-90°	2.0	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°	1638.8	73.3
0°-40°	2104.0	94.1
0°-60°	2219.9	99.3
0°-90°	2236.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2236.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2492	
5°	2336	222
15°	2197	614
25°	1806	803
35°	734	465
45°	118	100
55°	14	16
65°	9	9
75°	5	5
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	2491.9
2.5°	2421.4
5°	2336.4
7.5°	2302.0
10°	2280.3
12.5°	2249.6
15°	2197.2
17.5°	2115.8
20°	2018.1
22.5°	1925.9
25°	1806.5
27.5°	1605.8
30°	1341.8
32.5°	1039.8
35°	734.2
37.5°	464.7
40°	276.7
42.5°	173.6
45°	117.5
47.5°	76.0
50°	41.6
52.5°	19.9
55°	14.5
57.5°	12.7
60°	10.9
62.5°	10.9
65°	9.0
67.5°	7.2
70°	7.2
72.5°	5.4
75°	5.4
77.5°	3.6
80°	3.6
82.5°	1.8
85°	1.8
87.5°	1.8
90°	0.0

(END OF REPORT)