

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: P1261227

Luminaire Tested: P3AS24R659050D010 E3CB1MB

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1261227
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: P3AS24R659050D010 E3CB1MB
Description: 3in Adjustable LED luminaire with, R65 optic, 5000K CCT AND, 90CRI , E3CB1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

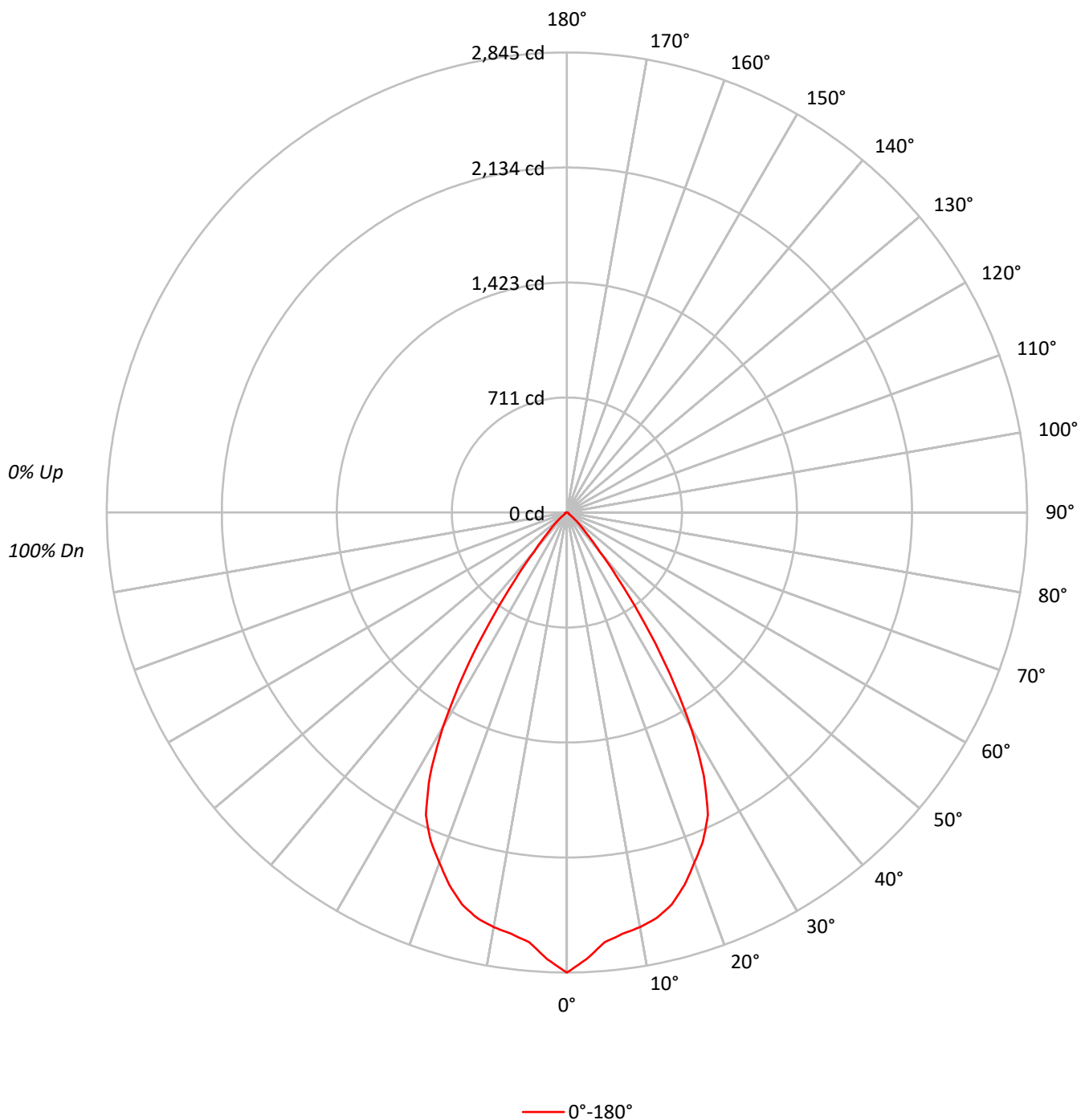
Lumens per Lamp: N/A
Luminaire Lumens: 2553.0 lumens
Efficiency: N/A
Efficacy: 88.6 lumens/watt
Spacing Criteria (0/90/45): 0.98 / 0.98 / 0.9
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1261227

CATALOG NUMBER: P3AS24R659050D010 E3CB1MB

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°	623897
5°	587188
10°	579727
15°	569492
20°	537693
25°	499069
30°	387908
35°	224406
40°	90427
45°	41617
50°	16204
55°	6308
60°	5438
65°	5344
70°	5321
75°	5253
80°	5177
85°	5284

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 41617 cd/sqm

TEST NUMBER: P1261227

CATALOG NUMBER: P3AS24R659050D010 E3CB1MB

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	253.6	9.9
10°-20°	700.5	27.4
20°-30°	917.0	35.9
30°-40°	531.2	20.8
40°-50°	113.7	4.5
50°-60°	18.5	0.7
60°-70°	10.2	0.4
70°-80°	6.0	0.2
80°-90°	2.3	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°	1871.2	73.3
0°-40°	2402.3	94.1
0°-60°	2534.5	99.3
0°-90°	2553.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2553.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2845	
5°	2668	254
15°	2509	701
25°	2063	917
35°	838	531
45°	134	114
55°	16	19
65°	10	10
75°	6	6
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	2845.2
2.5°	2764.7
5°	2667.6
7.5°	2628.4
10°	2603.6
12.5°	2568.5
15°	2508.6
17.5°	2415.7
20°	2304.2
22.5°	2198.9
25°	2062.7
27.5°	1833.5
30°	1532.0
32.5°	1187.2
35°	838.3
37.5°	530.6
40°	315.9
42.5°	198.2
45°	134.2
47.5°	86.7
50°	47.5
52.5°	22.7
55°	16.5
57.5°	14.5
60°	12.4
62.5°	12.4
65°	10.3
67.5°	8.3
70°	8.3
72.5°	6.2
75°	6.2
77.5°	4.1
80°	4.1
82.5°	2.1
85°	2.1
87.5°	2.1
90°	0.0

(END OF REPORT)