

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: P1258471

Luminaire Tested: P3AS24R359040D010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1258471
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-19)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R359040D010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 4000K CCT AND, 90CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

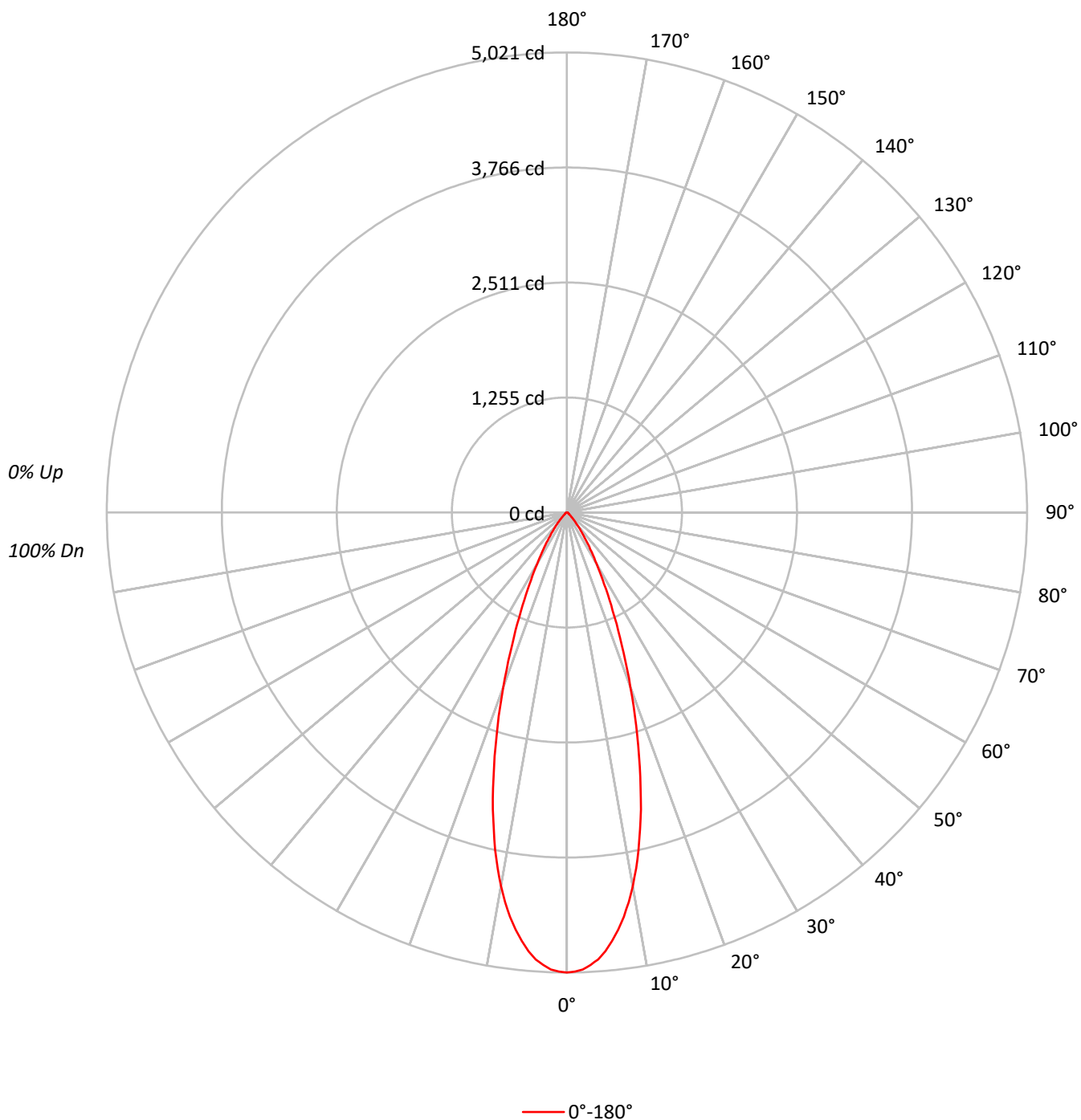
Lumens per Lamp: N/A
Luminaire Lumens: 2183.0 lumens
Efficiency: N/A
Efficacy: 75.8 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.58
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	112	109	107	112	109	107	106	105	104	102		102	100	99		98
2	109	105	101	98	107	103	100	97	100	97	95		97	95	93		94
3	105	99	95	91	103	98	94	90	95	92	89		93	90	88		91
4	100	94	89	85	99	93	88	85	91	87	84		89	85	83		87
5	96	89	84	80	95	88	83	80	86	82	79		85	81	78		83
6	92	85	80	76	91	84	79	76	83	78	75		81	77	75		80
7	89	81	76	72	88	80	75	72	79	75	71		78	74	71		77
8	85	77	72	69	84	77	72	68	76	71	68		75	71	68		74
9	82	74	69	66	81	74	69	65	73	68	65		72	68	65		71
10	79	71	66	63	78	71	66	63	70	66	63		69	65	62		69

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1101008
5°	1058131
10°	921960
15°	706156
20°	472448
25°	285863
30°	164051
35°	91711
40°	48748
45°	25119
50°	12042
55°	9519
60°	9122
65°	7524
70°	8014
75°	7032
80°	7829
85°	5284

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 25119 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	437.4	20.0
10°-20°	847.6	38.8
20°-30°	554.9	25.4
30°-40°	225.1	10.3
40°-50°	67.6	3.1
50°-60°	22.9	1.1
60°-70°	15.4	0.7
70°-80°	9.0	0.4
80°-90°	3.1	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°	1839.9	84.3
0°-40°	2065.0	94.6
0°-60°	2155.5	98.7
0°-90°	2183.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2183.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	5021	
5°	4807	437
15°	3111	848
25°	1182	555
35°	343	225
45°	81	68
55°	25	23
65°	14	15
75°	8	9
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	5021.0
1°	5012.7
2°	4989.9
3°	4944.2
4°	4890.2
5°	4807.1
6°	4703.3
7°	4587.0
8°	4456.2
9°	4306.7
10°	4140.6
11°	3955.8
12°	3762.6
13°	3546.7
14°	3341.1
15°	3110.6
17.5°	2552.0
20°	2024.6
22.5°	1557.4
25°	1181.5
27.5°	880.4
30°	647.9
32.5°	475.5
35°	342.6
37.5°	243.0
40°	170.3
42.5°	118.4
45°	81.0
47.5°	54.0
50°	35.3
52.5°	27.0
55°	24.9
57.5°	22.8
60°	20.8
62.5°	18.7
65°	14.5
67.5°	12.5
70°	12.5
72.5°	10.4
75°	8.3
77.5°	6.2
80°	6.2
82.5°	4.2
85°	2.1
87.5°	2.1



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)