

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: P1253059

Luminaire Tested: P3AS24R359030D010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1253059
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: P3AS24R359030D010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 90CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

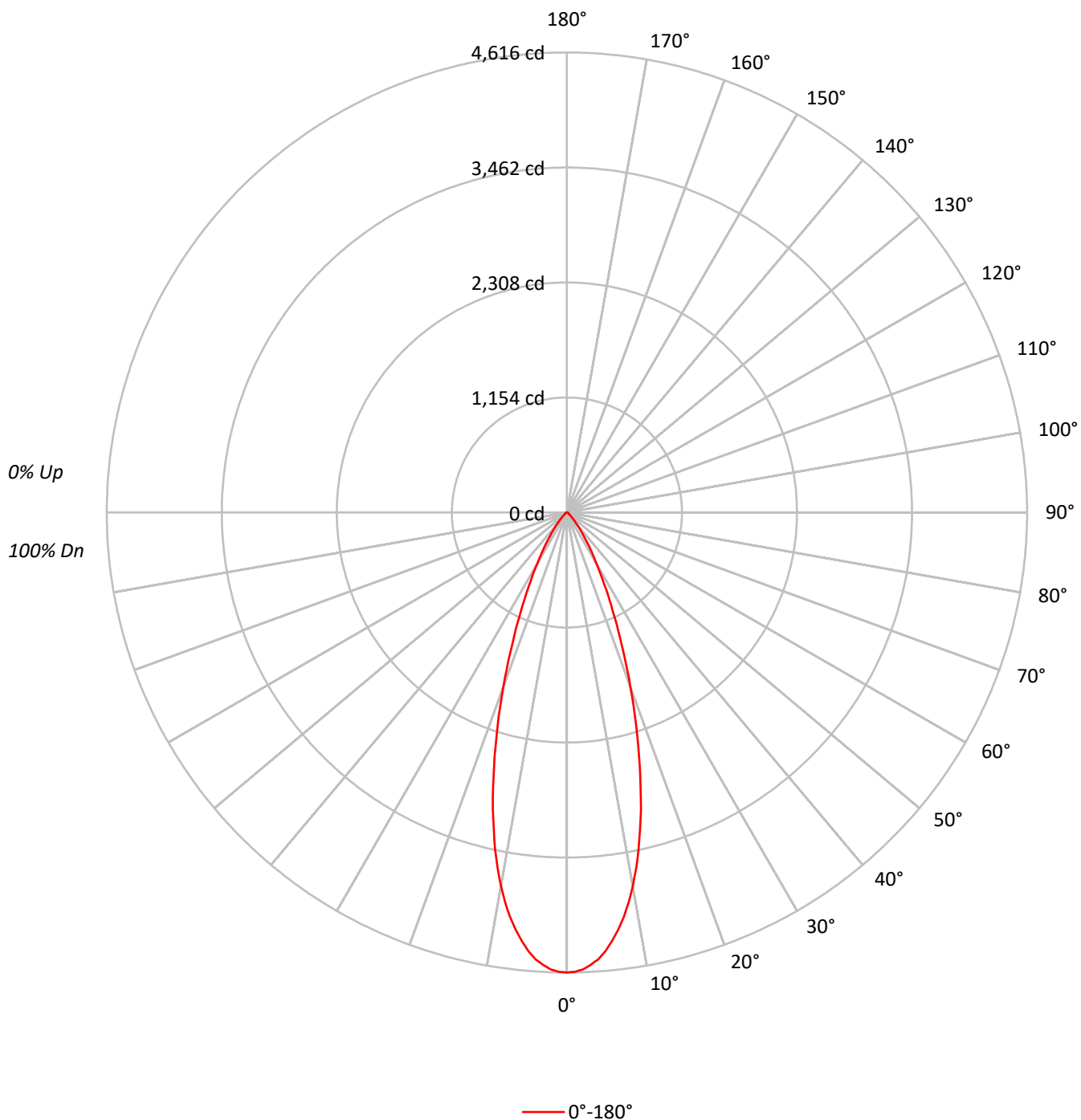
Lumens per Lamp: N/A
Luminaire Lumens: 2007.0 lumens
Efficiency: N/A
Efficacy: 69.7 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.58
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	1012243
5°	972835
10°	847613
15°	649221
20°	434364
25°	262830
30°	150808
35°	84323
40°	44798
45°	23103
50°	11087
55°	8755
60°	8377
65°	6953
70°	7373
75°	6439
80°	7198
85°	4780

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 23103 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	402.1	20.0
10°-20°	779.2	38.8
20°-30°	510.2	25.4
30°-40°	206.9	10.3
40°-50°	62.1	3.1
50°-60°	21.1	1.1
60°-70°	14.2	0.7
70°-80°	8.3	0.4
80°-90°	2.8	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°	1691.5	84.3
0°-40°	1898.5	94.6
0°-60°	1981.7	98.7
0°-90°	2007.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2007.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	4616	
5°	4420	402
15°	2860	779
25°	1086	510
35°	315	207
45°	74	62
55°	23	21
65°	13	14
75°	8	8
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	4616.2
1°	4608.6
2°	4587.6
3°	4545.6
4°	4495.9
5°	4419.6
6°	4324.1
7°	4217.2
8°	4096.9
9°	3959.5
10°	3806.7
11°	3636.8
12°	3459.3
13°	3260.7
14°	3071.7
15°	2859.8
17.5°	2346.3
20°	1861.4
22.5°	1431.8
25°	1086.3
27.5°	809.5
30°	595.6
32.5°	437.2
35°	315.0
37.5°	223.4
40°	156.5
42.5°	108.8
45°	74.5
47.5°	49.6
50°	32.5
52.5°	24.8
55°	22.9
57.5°	21.0
60°	19.1
62.5°	17.2
65°	13.4
67.5°	11.5
70°	11.5
72.5°	9.5
75°	7.6
77.5°	5.7
80°	5.7
82.5°	3.8
85°	1.9
87.5°	1.9



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)