

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: P1257783

Luminaire Tested: P3AS17R359040DE010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1257783
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: P3AS17R359040DE010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R35 optic, 4000K CCT AND, 90CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

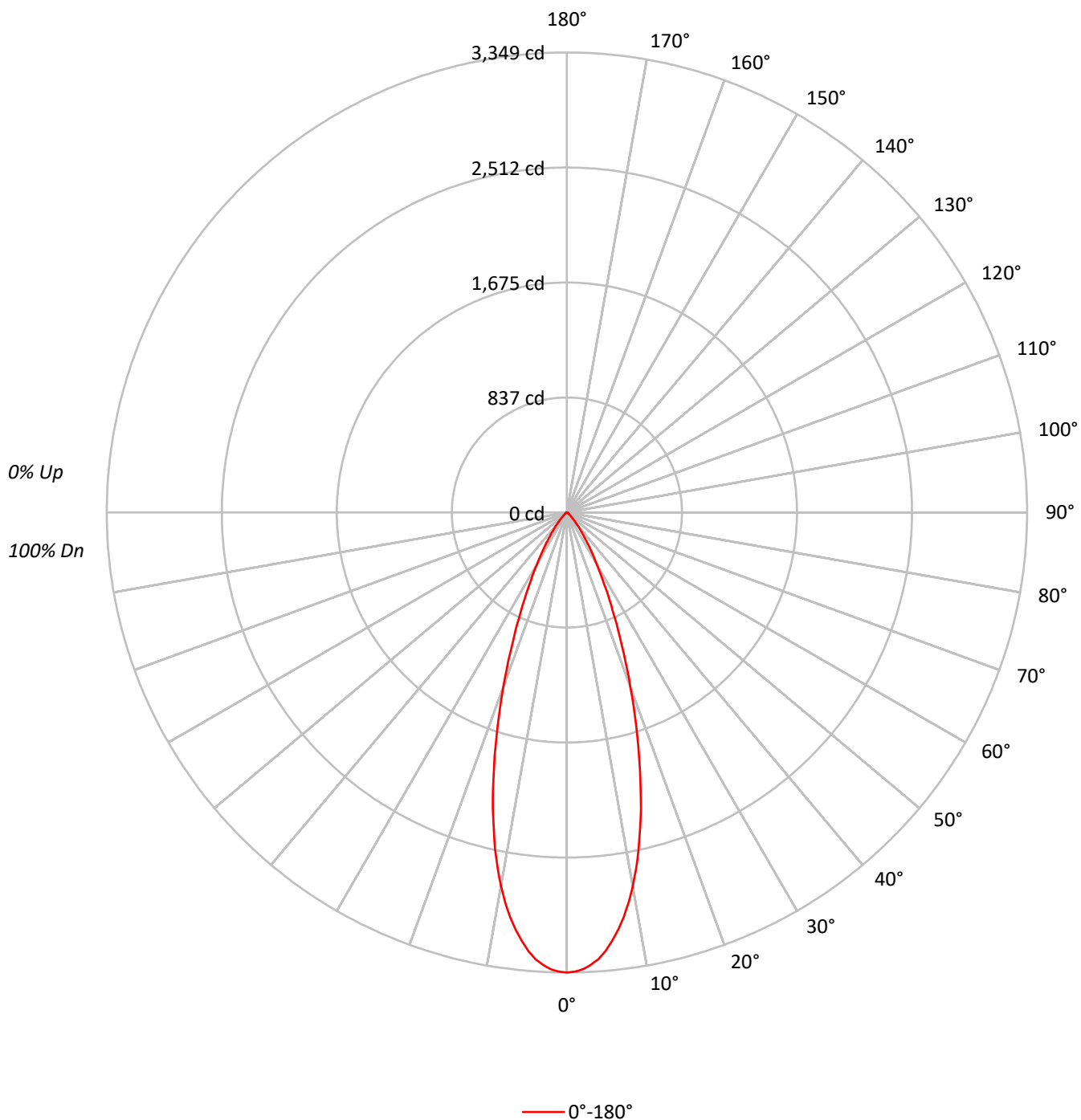
Lumens per Lamp: N/A
Luminaire Lumens: 1456.0 lumens
Efficiency: N/A
Efficacy: 68.7 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.58
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
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°	734349
5°	705743
10°	614907
15°	470990
20°	315121
25°	190680
30°	109409
35°	61168
40°	32518
45°	16746
50°	8017
55°	6346
60°	6052
65°	5033
70°	5321
75°	4660
80°	5304
85°	3522

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 16746 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	291.7	20.0
10°-20°	565.3	38.8
20°-30°	370.1	25.4
30°-40°	150.1	10.3
40°-50°	45.0	3.1
50°-60°	15.3	1.0
60°-70°	10.3	0.7
70°-80°	6.0	0.4
80°-90°	2.1	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°	1227.1	84.3
0°-40°	1377.3	94.6
0°-60°	1437.6	98.7
0°-90°	1456.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1456.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3349	
5°	3206	292
15°	2075	565
25°	788	370
35°	228	150
45°	54	45
55°	17	15
65°	10	10
75°	6	6
85°	1	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	3348.9
1°	3343.3
2°	3328.1
3°	3297.6
4°	3261.6
5°	3206.2
6°	3137.0
7°	3059.4
8°	2972.2
9°	2872.4
10°	2761.6
11°	2638.4
12°	2509.6
13°	2365.5
14°	2228.4
15°	2074.7
17.5°	1702.1
20°	1350.4
22.5°	1038.7
25°	788.1
27.5°	587.2
30°	432.1
32.5°	317.2
35°	228.5
37.5°	162.0
40°	113.6
42.5°	78.9
45°	54.0
47.5°	36.0
50°	23.5
52.5°	18.0
55°	16.6
57.5°	15.2
60°	13.8
62.5°	12.5
65°	9.7
67.5°	8.3
70°	8.3
72.5°	6.9
75°	5.5
77.5°	4.2
80°	4.2
82.5°	2.8
85°	1.4
87.5°	1.4



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)