

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: P1258888

Luminaire Tested: P3AS02R359050DE010 E3DLP1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1258888
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-17)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R359050DE010 E3DLP1WMH
Description: 3in Adjustable LED luminaire with, R35 optic, 5000K CCT AND, 90CRI , E3DLP1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

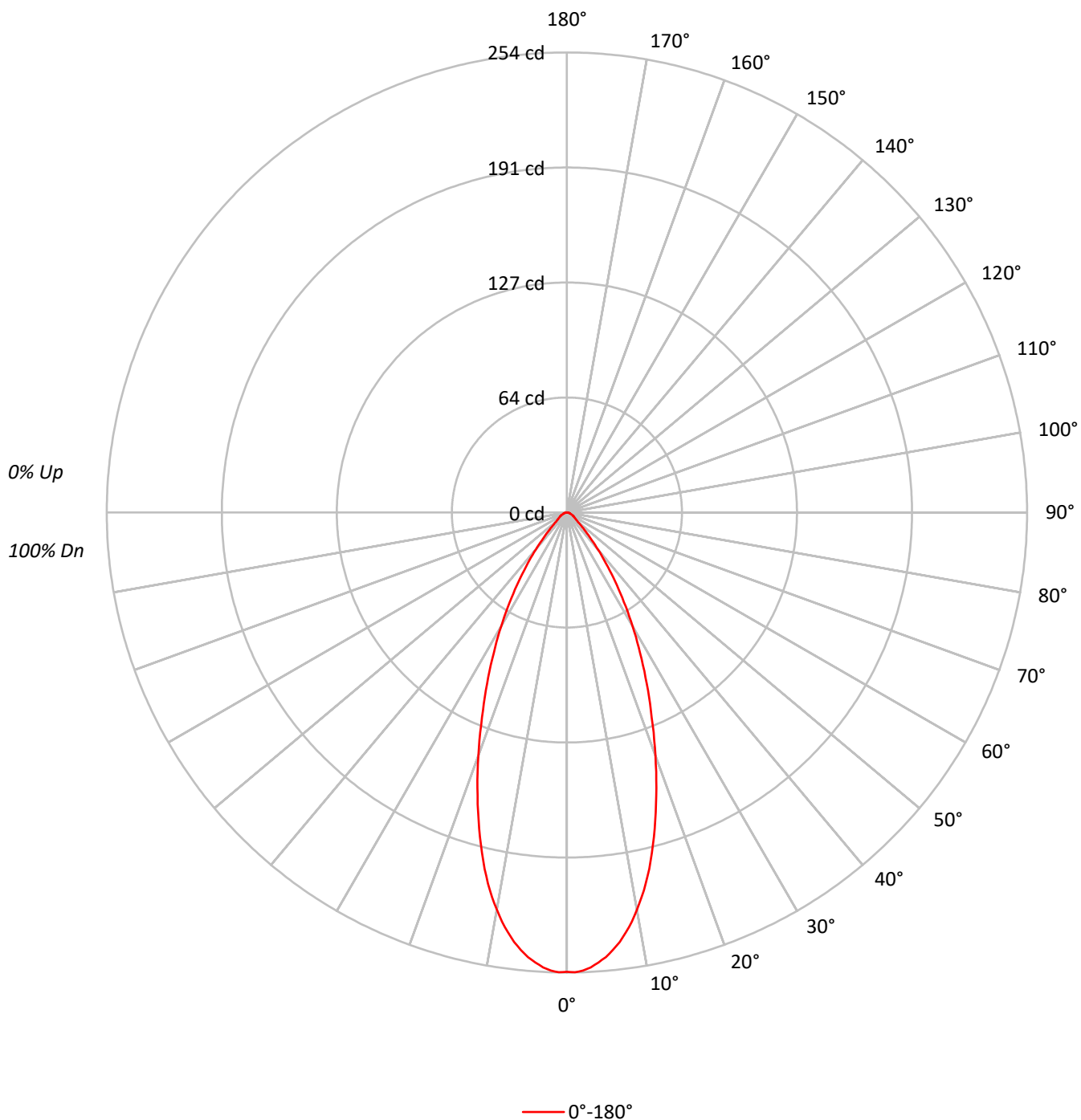
Lumens per Lamp: N/A
Luminaire Lumens: 173.0 lumens
Efficiency: N/A
Efficacy: 48.1 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.72
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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					30					10					0
RW	70	50	30	10		70	50	30	10		50	30	10		50	30	10		50	30	10
RCR																					
0	119	119	119	119		116	116	116	116		111	111	111		106	106	106		102	102	102
1	113	110	108	105		111	108	106	104		104	102	100		100	99	97		97	96	95
2	107	102	98	94		105	100	97	93		97	94	91		94	92	89		91	89	87
3	102	95	90	86		100	94	89	85		91	87	84		89	85	82		86	84	81
4	97	89	83	79		95	88	82	78		86	81	77		84	80	77		82	78	76
5	92	83	77	73		90	82	77	73		81	76	72		79	75	71		77	74	71
6	87	78	72	68		86	77	72	68		76	71	67		75	70	67		73	69	66
7	83	74	68	63		82	73	67	63		72	67	63		71	66	63		69	65	62
8	79	70	64	60		78	69	63	59		68	63	59		67	62	59		66	62	59
9	76	66	60	56		75	66	60	56		65	59	56		64	59	56		63	59	56
10	72	63	57	53		71	62	57	53		61	56	53		61	56	53		60	56	53

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	55610
5°	54237
10°	49587
15°	42089
20°	33323
25°	25211
30°	18357
35°	12394
40°	7614
45°	4373
50°	2627
55°	2141
60°	1886
65°	1660
70°	1346
75°	1356
80°	1389
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 4373 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	22.8	13.2
10°-20°	51.1	29.5
20°-30°	47.8	27.6
30°-40°	29.3	16.9
40°-50°	11.5	6.7
50°-60°	5.1	2.9
60°-70°	3.2	1.8
70°-80°	1.7	1.0
80°-90°	0.6	0.3
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°	121.7	70.3
0°-40°	151.0	87.3
0°-60°	167.6	96.9
0°-90°	173.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	173.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	254	
5°	246	23
15°	185	51
25°	104	48
35°	46	29
45°	14	12
55°	6	5
65°	3	3
75°	2	2
85°	0	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	253.6
1°	253.9
2°	253.1
3°	251.5
4°	249.1
5°	246.4
6°	242.9
7°	238.9
8°	234.1
9°	228.8
10°	222.7
11°	216.3
12°	209.4
13°	201.9
14°	193.7
15°	185.4
17.5°	164.1
20°	142.8
22.5°	122.3
25°	104.2
27.5°	87.4
30°	72.5
32.5°	58.6
35°	46.3
37.5°	35.4
40°	26.6
42.5°	19.2
45°	14.1
47.5°	10.1
50°	7.7
52.5°	6.4
55°	5.6
57.5°	4.8
60°	4.3
62.5°	3.7
65°	3.2
67.5°	2.7
70°	2.1
72.5°	1.9
75°	1.6
77.5°	1.3
80°	1.1
82.5°	0.8
85°	0.5
87.5°	0.3



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)