

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: P1259605

Luminaire Tested: P3AS09R359050DE010 E3DLP1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1259605
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: P3AS09R359050DE010 E3DLP1H
Description: 3in Adjustable LED luminaire with, R35 optic, 5000K CCT AND, 90CRI , E3DLP1H TRIM
Light Source: -
Ballast/Driver: -

Summary

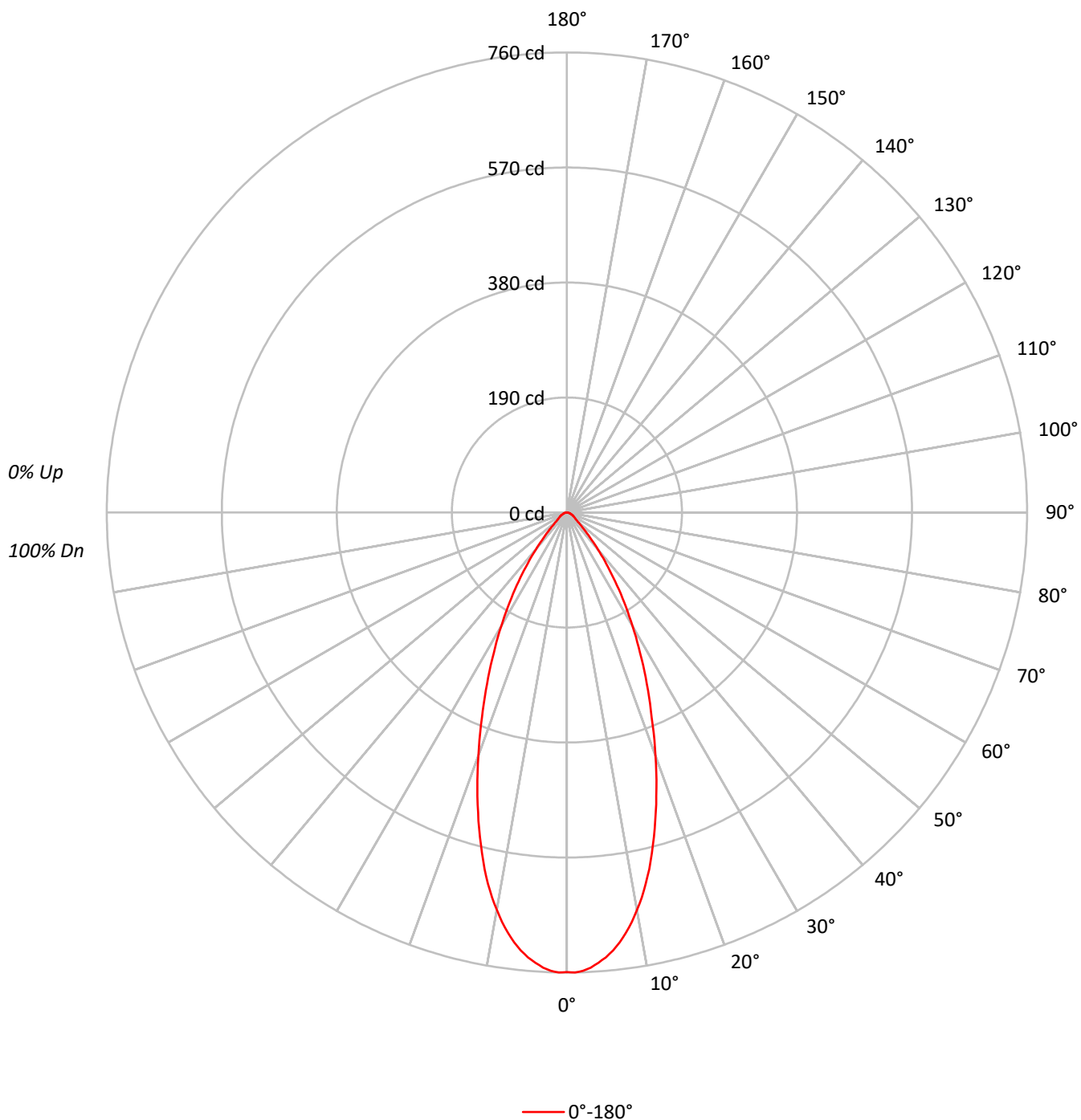
Lumens per Lamp: N/A
Luminaire Lumens: 518.1 lumens
Efficiency: N/A
Efficacy: 46.7 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.72
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
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	113	110	108	105	111	108	106	104	104	102	100		100	99	97		97
2	107	102	98	94	105	100	97	93	97	94	91		94	92	89		91
3	102	95	90	86	100	94	89	85	91	87	84		89	85	82		86
4	97	89	83	79	95	88	82	78	86	81	77		84	80	77		82
5	92	83	77	73	90	82	77	73	81	76	72		79	75	71		77
6	87	78	72	68	86	77	72	68	76	71	67		75	70	67		73
7	83	74	68	63	82	73	67	63	72	67	63		71	66	63		69
8	79	70	64	60	78	69	63	59	68	63	59		67	62	59		66
9	76	66	60	56	75	66	60	56	65	59	56		64	59	56		63
10	72	63	57	53	71	62	57	53	61	56	53		61	56	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	166500
5°	162403
10°	148472
15°	126017
20°	99759
25°	75464
30°	54920
35°	37156
40°	22843
45°	13118
50°	7880
55°	6384
60°	5614
65°	4981
70°	4103
75°	4067
80°	4041
85°	4026

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 13118 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	68.2	13.2
10°-20°	153.0	29.5
20°-30°	143.2	27.6
30°-40°	87.6	16.9
40°-50°	34.5	6.7
50°-60°	15.2	2.9
60°-70°	9.5	1.8
70°-80°	5.1	1.0
80°-90°	1.7	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°	364.4	70.3
0°-40°	452.0	87.3
0°-60°	501.8	96.9
0°-90°	518.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	518.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	759	
5°	738	68
15°	555	153
25°	312	143
35°	139	88
45°	42	35
55°	17	15
65°	10	9
75°	5	5
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	759.3
1°	760.1
2°	757.7
3°	752.9
4°	745.7
5°	737.8
6°	727.4
7°	715.4
8°	701.1
9°	685.1
10°	666.8
11°	647.6
12°	626.9
13°	604.6
14°	579.8
15°	555.1
17.5°	491.3
20°	427.5
22.5°	366.1
25°	311.9
27.5°	261.6
30°	216.9
32.5°	175.5
35°	138.8
37.5°	106.1
40°	79.8
42.5°	57.4
45°	42.3
47.5°	30.3
50°	23.1
52.5°	19.1
55°	16.7
57.5°	14.4
60°	12.8
62.5°	11.2
65°	9.6
67.5°	8.0
70°	6.4
72.5°	5.6
75°	4.8
77.5°	4.0
80°	3.2
82.5°	2.4
85°	1.6
87.5°	0.8



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)