

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: P1256999

Luminaire Tested: P3AS09R359040DE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1256999
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: P3AS09R359040DE010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R35 optic, 4000K CCT AND, 90CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

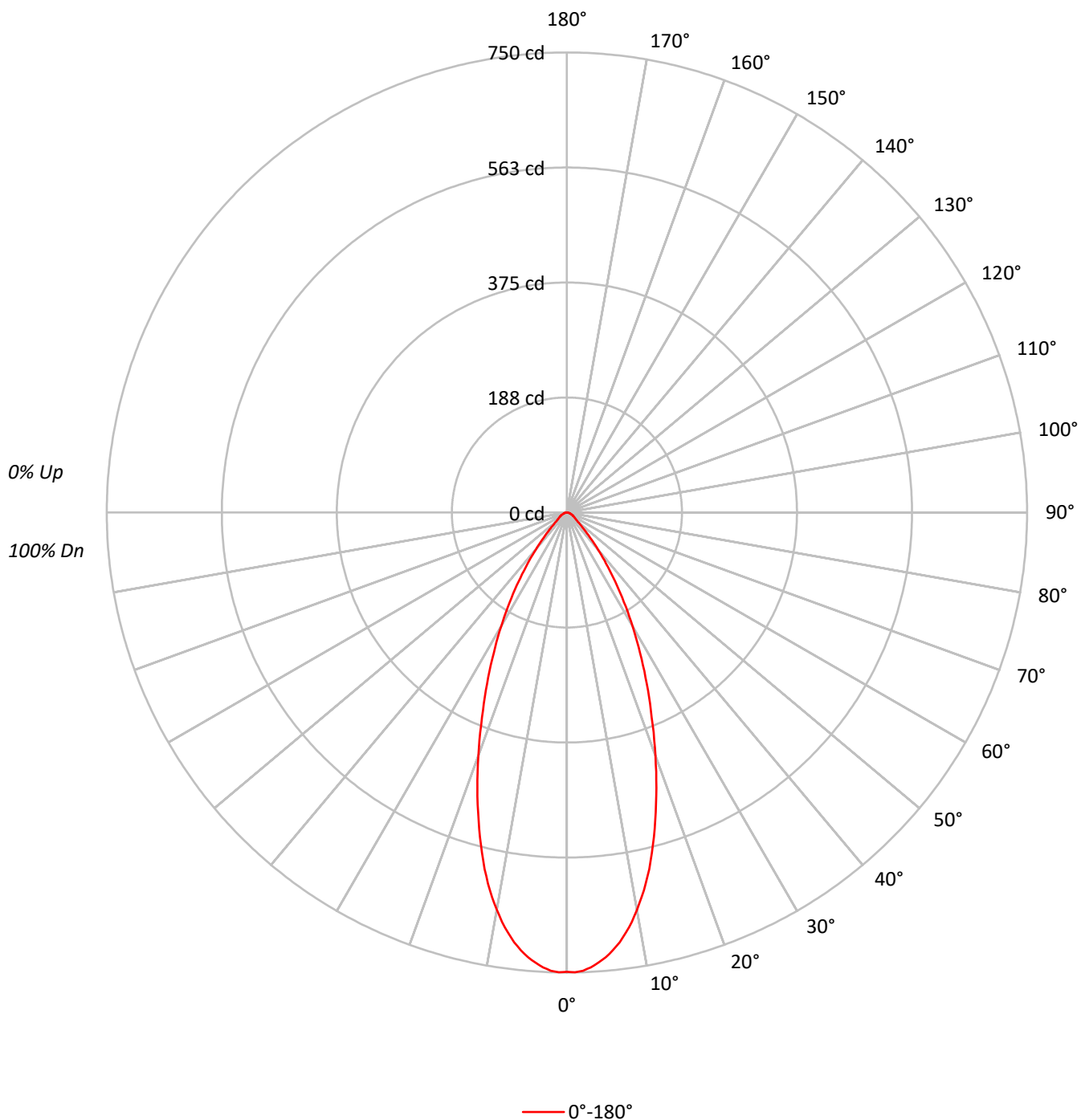
Lumens per Lamp: N/A
Luminaire Lumens: 511.0 lumens
Efficiency: N/A
Efficacy: 46.0 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.72
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	164241
5°	160202
10°	146468
15°	124314
20°	98405
25°	74424
30°	54186
35°	36647
40°	22528
45°	12932
50°	7778
55°	6308
60°	5526
65°	4877
70°	4039
75°	3982
80°	3915
85°	4026

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 12932 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	67.3	13.2
10°-20°	151.0	29.5
20°-30°	141.2	27.6
30°-40°	86.4	16.9
40°-50°	34.1	6.7
50°-60°	15.0	2.9
60°-70°	9.3	1.8
70°-80°	5.0	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°	359.5	70.3
0°-40°	445.9	87.3
0°-60°	495.0	96.9
0°-90°	511.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	511.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	749	
5°	728	67
15°	548	151
25°	308	141
35°	137	86
45°	42	34
55°	16	15
65°	9	9
75°	5	5
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	749.0
1°	749.8
2°	747.5
3°	742.7
4°	735.7
5°	727.8
6°	717.6
7°	705.8
8°	691.6
9°	675.9
10°	657.8
11°	638.9
12°	618.4
13°	596.4
14°	572.0
15°	547.6
17.5°	484.7
20°	421.7
22.5°	361.1
25°	307.6
27.5°	258.1
30°	214.0
32.5°	173.1
35°	136.9
37.5°	104.6
40°	78.7
42.5°	56.6
45°	41.7
47.5°	29.9
50°	22.8
52.5°	18.9
55°	16.5
57.5°	14.2
60°	12.6
62.5°	11.0
65°	9.4
67.5°	7.9
70°	6.3
72.5°	5.5
75°	4.7
77.5°	3.9
80°	3.1
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)