

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: P1257056

Luminaire Tested: P3AS09R459040DE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1257056
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-25)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R459040DE010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R45 optic, 4000K CCT AND, 90CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

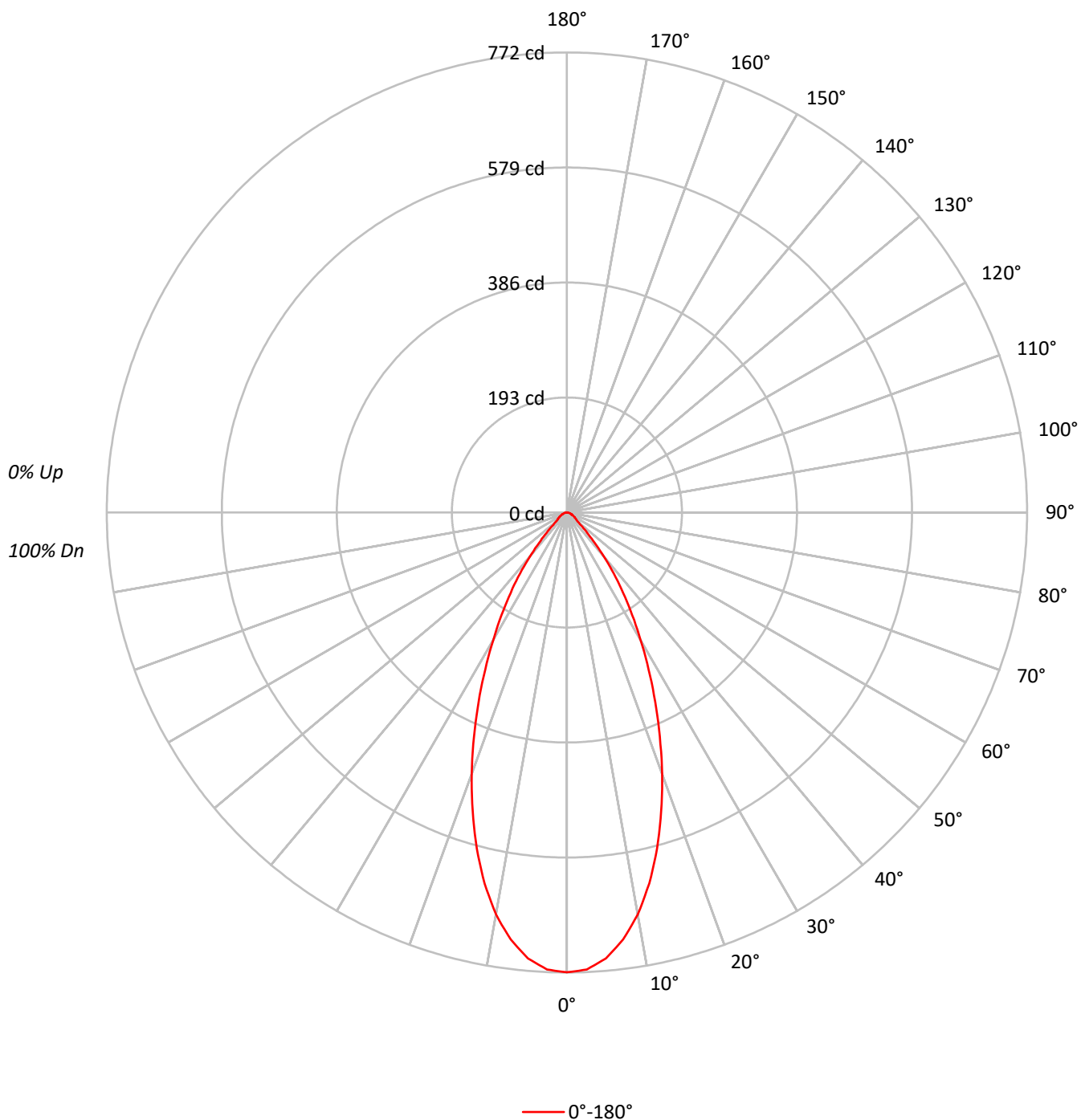
Lumens per Lamp: N/A
Luminaire Lumens: 568.0 lumens
Efficiency: N/A
Efficacy: 51.2 lumens/watt
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.76
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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				0
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		0
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		100
1	113	110	107	105	111	108	106	103	104	102	100		100	99	97		93
2	107	102	98	94	105	100	96	93	97	94	91		94	91	89		86
3	102	95	90	85	100	93	89	85	91	87	83		88	85	82		79
4	96	88	83	78	94	87	82	78	85	81	77		83	79	76		74
5	91	83	77	72	90	82	76	72	80	75	71		78	74	71		69
6	87	78	72	67	85	77	71	67	75	70	66		74	69	66		64
7	83	73	67	63	81	72	67	63	71	66	62		70	65	62		60
8	79	69	63	59	77	68	63	59	67	62	58		66	62	58		56
9	75	65	59	55	74	65	59	55	64	59	55		63	58	55		53
10	72	62	56	52	71	61	56	52	61	55	52		60	55	52		50

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	169175
5°	165331
10°	152502
15°	132623
20°	108953
25°	84755
30°	62592
35°	44035
40°	27480
45°	14885
50°	8051
55°	6920
60°	6228
65°	5292
70°	4552
75°	4660
80°	3915
85°	4026

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 14885 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	69.6	12.2
10°-20°	161.5	28.4
20°-30°	160.3	28.2
30°-40°	103.2	18.2
40°-50°	39.8	7.0
50°-60°	16.2	2.8
60°-70°	10.2	1.8
70°-80°	5.5	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°	391.4	68.9
0°-40°	494.6	87.1
0°-60°	550.5	96.9
0°-90°	568.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	568.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	772	
5°	751	70
15°	584	161
25°	350	160
35°	164	103
45°	48	40
55°	18	16
65°	10	10
75°	6	5
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	771.5
2.5°	767.6
5°	751.1
7.5°	722.7
10°	684.9
12.5°	637.7
15°	584.2
17.5°	525.9
20°	466.9
22.5°	407.0
25°	350.3
27.5°	296.8
30°	247.2
32.5°	203.9
35°	164.5
37.5°	129.1
40°	96.0
42.5°	69.3
45°	48.0
47.5°	32.3
50°	23.6
52.5°	19.7
55°	18.1
57.5°	15.7
60°	14.2
62.5°	11.8
65°	10.2
67.5°	8.7
70°	7.1
72.5°	6.3
75°	5.5
77.5°	3.9
80°	3.1
82.5°	2.4
85°	1.6
87.5°	0.8
90°	0.0

(END OF REPORT)