

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: P1257143

Luminaire Tested: P3AS09R609040DE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1257143
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-37)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R609040DE010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R60 optic, 4000K CCT AND, 90CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

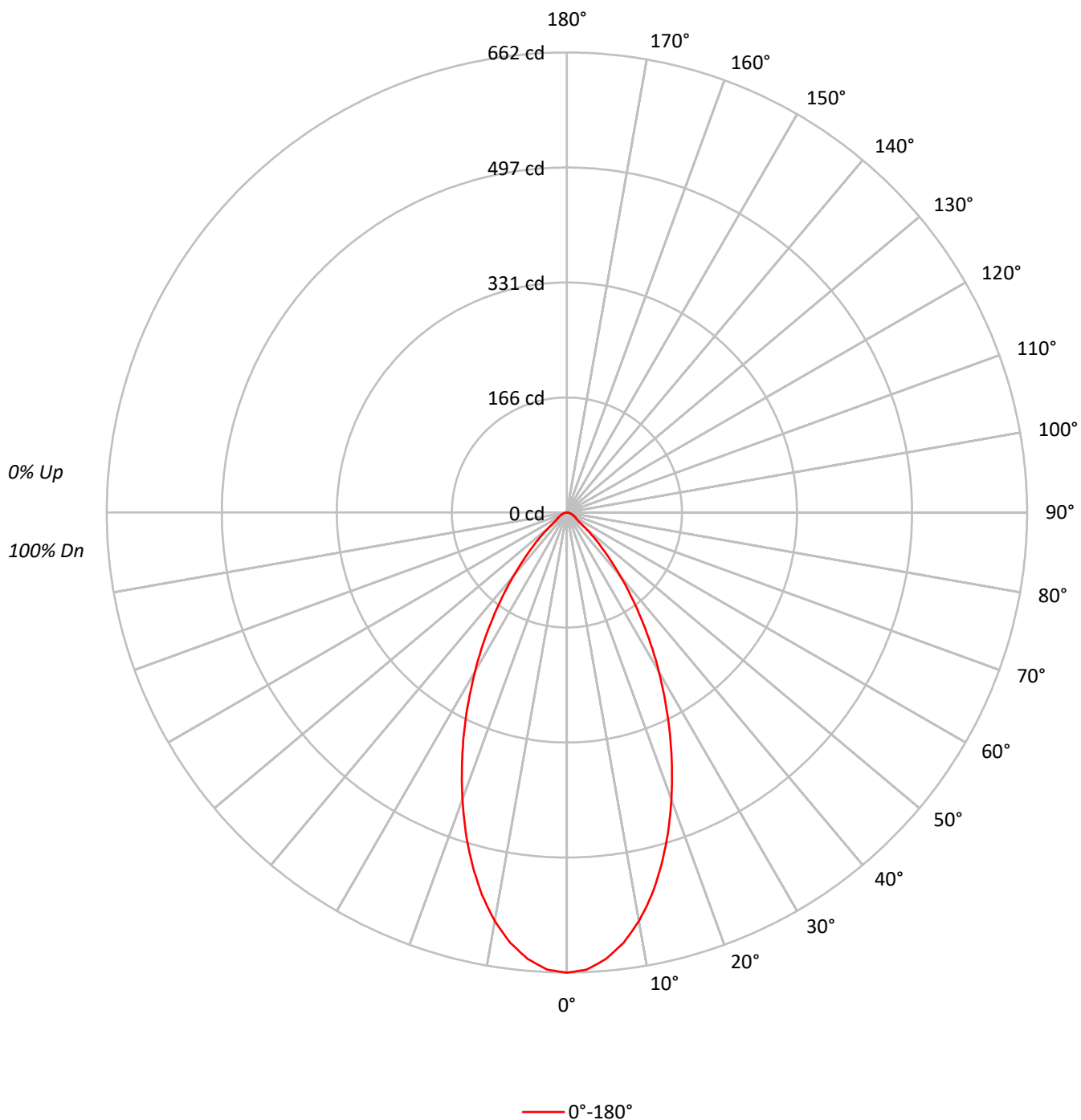
Lumens per Lamp: N/A
Luminaire Lumens: 573.0 lumens
Efficiency: N/A
Efficacy: 51.6 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	107	105	110	108	105	103	104	102	100		100	98	97		96
2	107	101	97	93	104	100	96	92	96	93	90		93	91	88		91
3	101	94	88	84	99	92	87	83	90	86	82		87	84	81		85
4	95	87	81	77	93	86	80	76	84	79	75		82	78	74		80
5	90	81	75	70	88	80	74	70	78	73	69		77	72	69		75
6	85	76	69	65	84	75	69	65	73	68	64		72	67	64		71
7	81	71	65	60	79	70	64	60	69	64	60		68	63	59		67
8	77	67	60	56	75	66	60	56	65	60	56		64	59	55		63
9	73	63	57	52	72	62	56	52	61	56	52		60	55	52		60
10	69	59	53	49	68	59	53	49	58	53	49		57	52	49		56

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	145208
5°	141954
10°	132908
15°	119229
20°	102536
25°	84779
30°	66998
35°	49737
40°	34264
45°	21491
50°	11803
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: 21491 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	60.0	10.5
10°-20°	145.9	25.5
20°-30°	160.0	27.9
30°-40°	116.6	20.3
40°-50°	55.1	9.6
50°-60°	18.0	3.1
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°	365.9	63.9
0°-40°	482.5	84.2
0°-60°	555.5	97.0
0°-90°	573.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	573.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	662	
5°	645	60
15°	525	146
25°	350	160
35°	186	117
45°	69	55
55°	18	18
65°	10	10
75°	6	5
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	662.2
2.5°	658.3
5°	644.9
7.5°	624.4
10°	596.9
12.5°	563.8
15°	525.2
17.5°	483.5
20°	439.4
22.5°	394.5
25°	350.4
27.5°	306.3
30°	264.6
32.5°	224.4
35°	185.8
37.5°	151.2
40°	119.7
42.5°	92.1
45°	69.3
47.5°	50.4
50°	34.6
52.5°	22.8
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)