

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: P1251787

Luminaire Tested: P3AS09R709030DE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1251787
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-45)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R709030DE010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R70 optic, 3000K CCT AND, 90CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

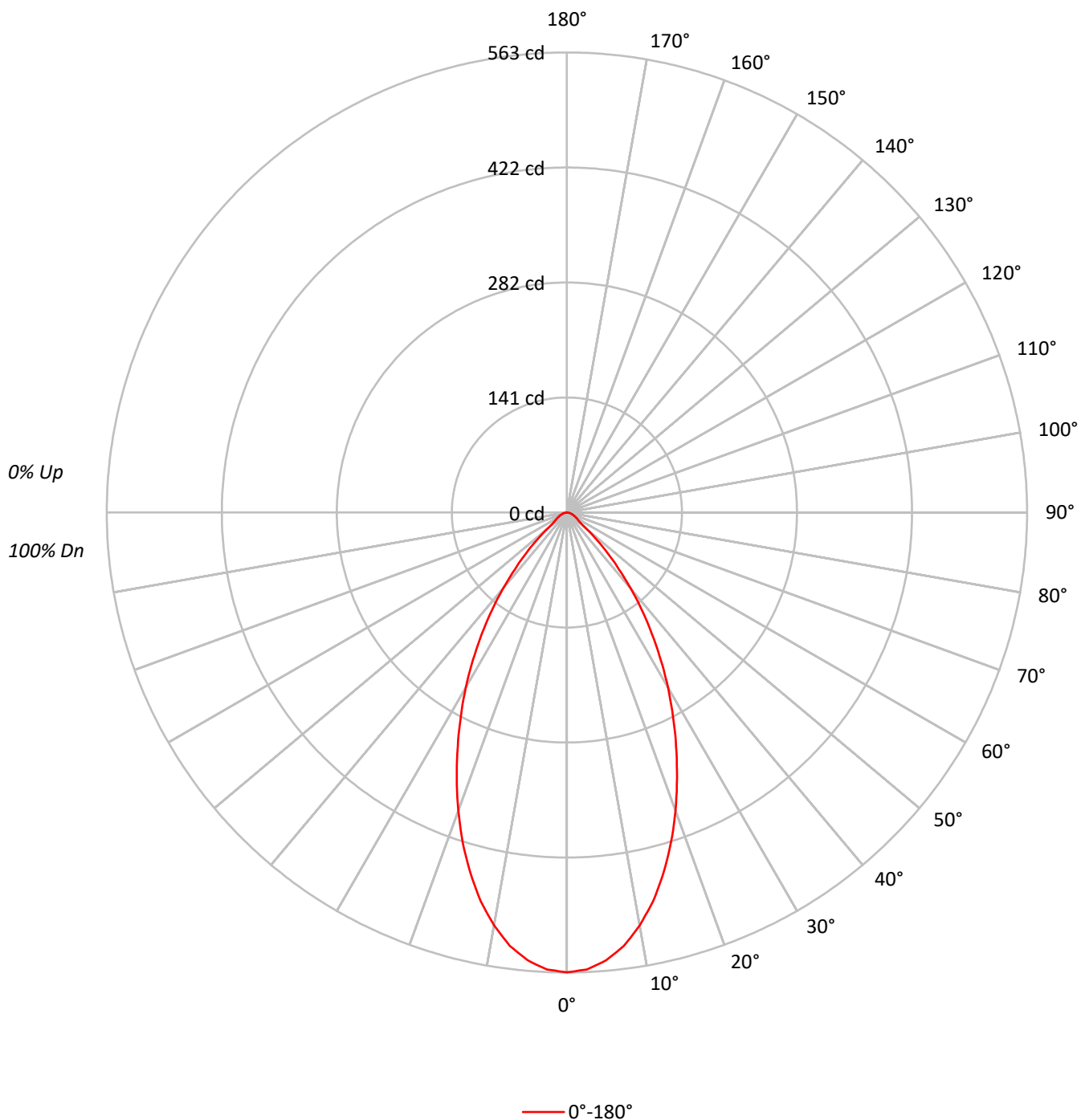
Lumens per Lamp: N/A
Luminaire Lumens: 526.0 lumens
Efficiency: N/A
Efficacy: 47.4 lumens/watt
Spacing Criteria (0/90/45): 0.82 / 0.82 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	104	110	107	105	103	103	101	100		100	98	97		92
2	106	101	97	93	104	99	95	92	96	93	90		93	90	88		84
3	100	93	88	83	98	92	87	83	89	85	81		87	83	80		77
4	95	86	80	76	93	85	80	75	83	78	74		81	77	73		71
5	89	80	74	69	88	79	73	69	78	72	68		76	71	68		65
6	85	75	68	64	83	74	68	64	73	67	63		71	66	63		61
7	80	70	64	59	79	69	63	59	68	62	58		67	62	58		56
8	76	66	59	55	75	65	59	55	64	58	54		63	58	54		52
9	72	62	55	51	71	61	55	51	60	55	51		59	54	51		49
10	69	58	52	48	67	58	52	48	57	51	48		56	51	48		46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	123389
5°	121109
10°	114204
15°	103656
20°	90658
25°	76480
30°	62617
35°	48586
40°	34779
45°	22018
50°	10985
55°	6729
60°	5789
65°	5292
70°	4680
75°	4321
80°	3662
85°	3774

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 22018 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	51.3	9.8
10°-20°	127.0	24.1
20°-30°	144.7	27.5
30°-40°	113.1	21.5
40°-50°	55.6	10.6
50°-60°	17.1	3.3
60°-70°	10.1	1.9
70°-80°	5.4	1.0
80°-90°	1.6	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°	323.1	61.4
0°-40°	436.2	82.9
0°-60°	508.9	96.7
0°-90°	526.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	526.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	563	
5°	550	51
15°	457	127
25°	316	145
35°	182	113
45°	71	56
55°	18	17
65°	10	10
75°	5	5
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	562.7
2.5°	559.7
5°	550.2
7.5°	534.9
10°	512.9
12.5°	487.3
15°	456.6
17.5°	423.6
20°	388.5
22.5°	351.9
25°	316.1
27.5°	281.0
30°	247.3
32.5°	213.6
35°	181.5
37.5°	150.7
40°	121.5
42.5°	94.4
45°	71.0
47.5°	49.8
50°	32.2
52.5°	21.2
55°	17.6
57.5°	15.4
60°	13.2
62.5°	11.7
65°	10.2
67.5°	8.8
70°	7.3
72.5°	5.9
75°	5.1
77.5°	4.4
80°	2.9
82.5°	2.2
85°	1.5
87.5°	0.7
90°	0.0

(END OF REPORT)