

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: P1258757

Luminaire Tested: P3AS02R159050DE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1258757
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-1)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R159050DE010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R15 optic, 5000K CCT AND, 90CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

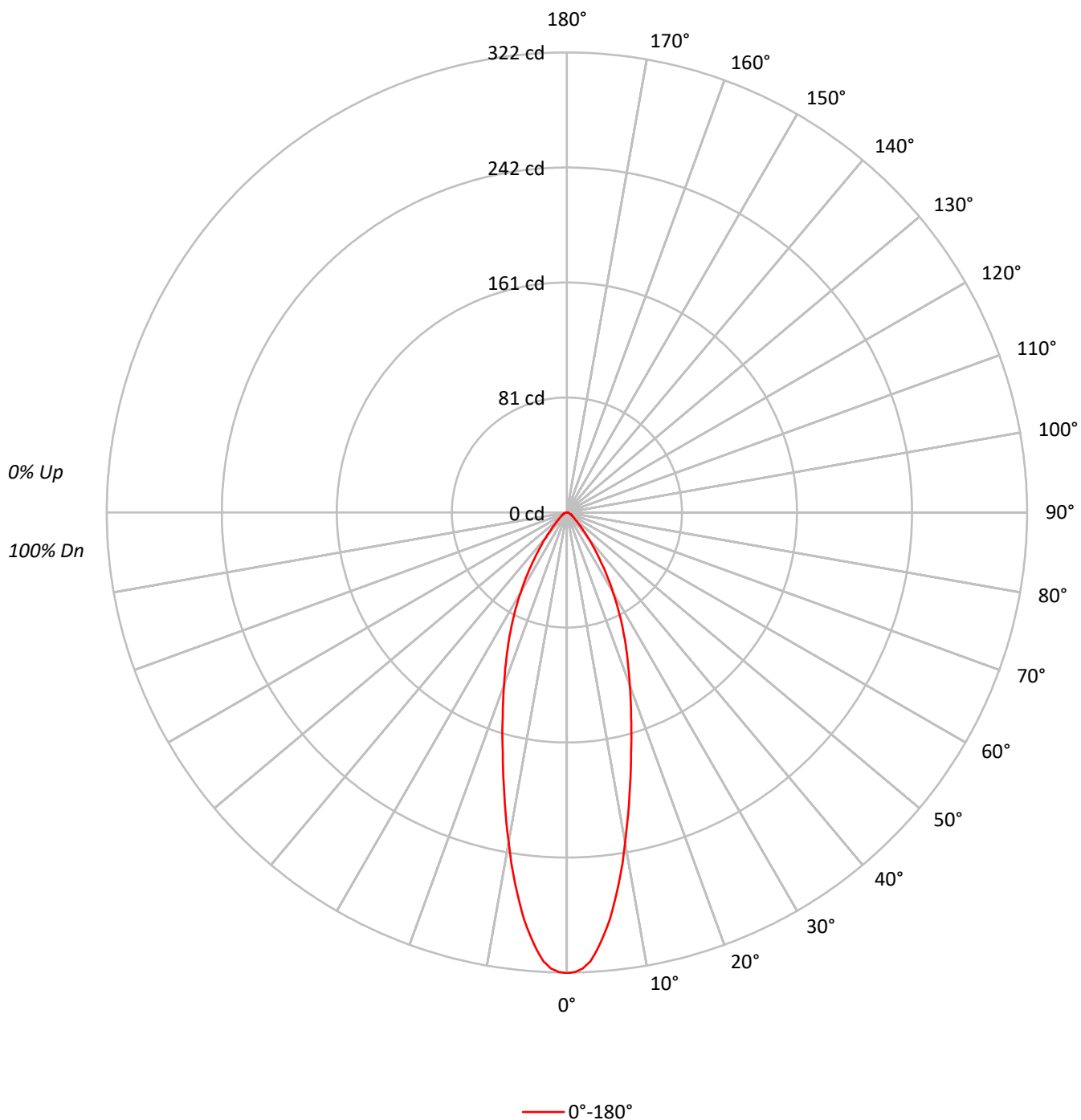
Lumens per Lamp: N/A
Luminaire Lumens: 164.0 lumens
Efficiency: N/A
Efficacy: 45.6 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.61
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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	106	111	108	106	104	104	102	101		100	99	98		97
2	108	103	98	95	105	101	97	94	98	95	92		95	92	90		92
3	102	96	91	87	100	94	90	86	92	88	85		89	86	83		87
4	97	90	84	80	95	88	83	79	86	82	78		84	81	78		82
5	93	84	78	74	91	83	78	74	81	77	73		80	76	72		78
6	88	79	73	69	87	79	73	69	77	72	69		76	71	68		74
7	84	75	69	65	83	74	69	65	73	68	64		72	67	64		71
8	80	71	65	61	79	71	65	61	69	64	61		68	64	61		67
9	77	68	62	58	76	67	62	58	66	61	58		65	61	57		64
10	74	64	59	55	73	64	59	55	63	58	55		62	58	55		62

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	70718
5°	65353
10°	52192
15°	39410
20°	30009
25°	22864
30°	16382
35°	10681
40°	6555
45°	3969
50°	2627
55°	2026
60°	1754
65°	1505
70°	1346
75°	1356
80°	1010
85°	755

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 3969 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	26.3	16.0
10°-20°	48.5	29.6
20°-30°	43.2	26.3
30°-40°	25.6	15.6
40°-50°	10.5	6.4
50°-60°	4.9	3.0
60°-70°	3.0	1.8
70°-80°	1.6	1.0
80°-90°	0.4	0.2
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°	118.0	72.0
0°-40°	143.6	87.6
0°-60°	159.0	96.9
0°-90°	164.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	164.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	322	
5°	297	26
15°	174	49
25°	94	43
35°	40	26
45°	13	10
55°	5	5
65°	3	3
75°	2	2
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	322.5
1°	321.7
2°	319.3
3°	314.5
4°	306.5
5°	296.9
6°	286.6
7°	274.3
8°	261.5
9°	248.5
10°	234.4
12.5°	202.1
15°	173.6
17.5°	149.1
20°	128.6
22.5°	110.5
25°	94.5
27.5°	79.1
30°	64.7
32.5°	51.7
35°	39.9
37.5°	30.6
40°	22.9
42.5°	17.0
45°	12.8
47.5°	9.9
50°	7.7
52.5°	6.4
55°	5.3
57.5°	4.5
60°	4.0
62.5°	3.5
65°	2.9
67.5°	2.7
70°	2.1
72.5°	1.9
75°	1.6
77.5°	1.1
80°	0.8
82.5°	0.5
85°	0.3
87.5°	0.3
90°	0.0

(END OF REPORT)