

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: P1266768

Luminaire Tested: P3A05R509735DE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1266768
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-29)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R509735DE010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R50 optic, 3500K CCT AND, 97CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

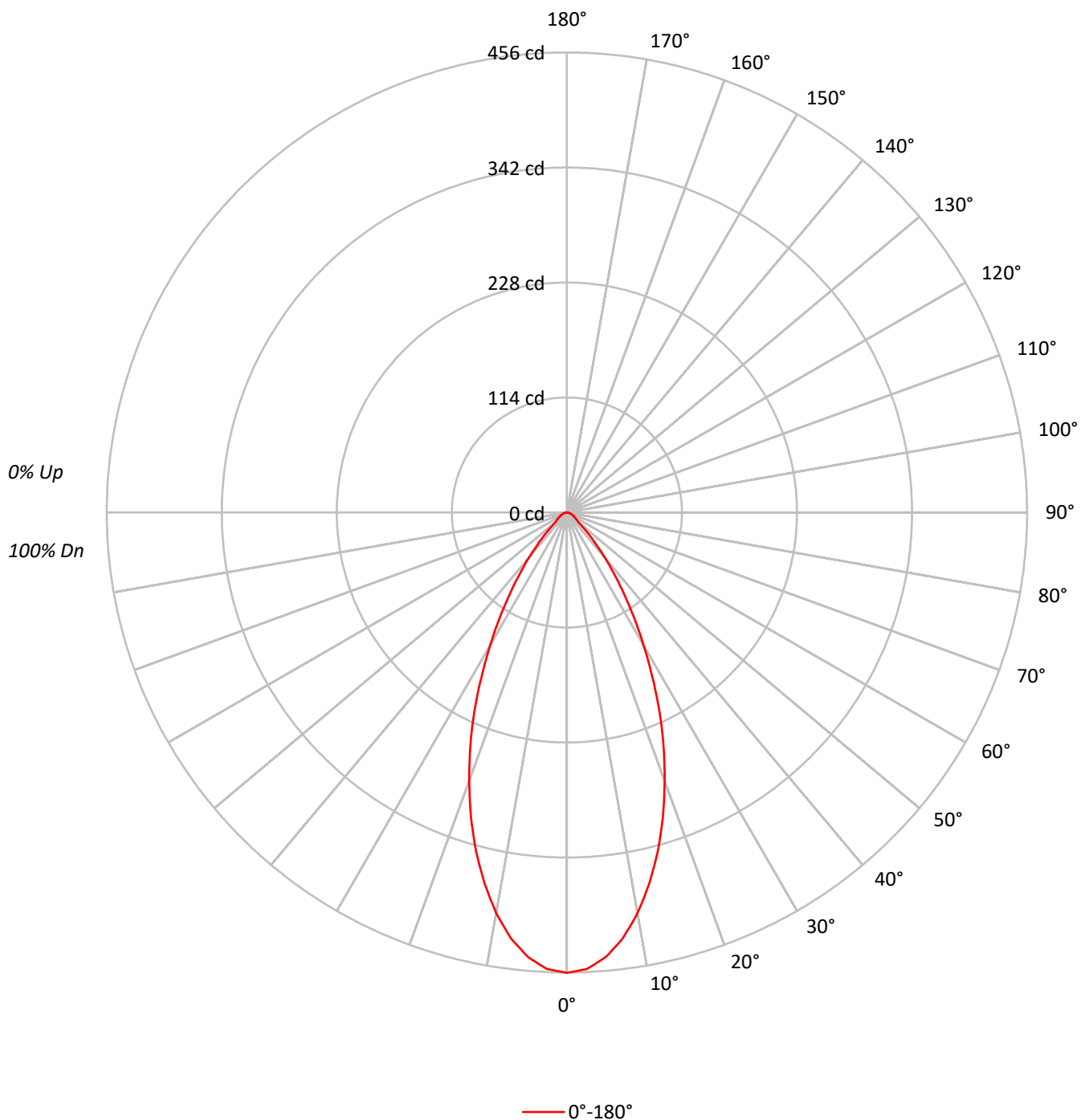
Lumens per Lamp: N/A
Luminaire Lumens: 344.0 lumens
Efficiency: N/A
Efficacy: 47.8 lumens/watt
Spacing Criteria (0/90/45): 0.75 / 0.75 / 0.77
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
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

TEST NUMBER: P1266768

CATALOG NUMBER: P3A05R509735DE010 E3DL1WH

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	111	108	106	103	104	102	100		100	99	97		97
2	107	102	98	94	105	100	96	93	97	94	91		94	91	89		91
3	101	95	89	85	99	93	88	85	91	87	83		88	85	82		86
4	96	88	82	78	94	87	82	78	85	80	77		83	79	76		81
5	91	83	76	72	90	82	76	72	80	75	71		78	74	70		76
6	87	77	71	67	85	77	71	67	75	70	66		74	69	66		72
7	82	73	67	62	81	72	66	62	71	66	62		70	65	61		68
8	78	69	63	58	77	68	62	58	67	62	58		66	61	58		65
9	75	65	59	55	74	64	59	55	63	58	55		63	58	54		62
10	71	61	56	52	70	61	55	52	60	55	51		59	55	51		59

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	100058
5°	97358
10°	89778
15°	78956
20°	66062
25°	52382
30°	38436
35°	26421
40°	16803
45°	9396
50°	5083
55°	4282
60°	3684
65°	3373
70°	3013
75°	2796
80°	2399
85°	2264

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 9396 cd/sqm

TEST NUMBER: P1266768

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	41.0	11.9
10°-20°	96.3	28.0
20°-30°	98.5	28.6
30°-40°	62.5	18.2
40°-50°	24.9	7.2
50°-60°	10.1	2.9
60°-70°	6.4	1.9
70°-80°	3.3	1.0
80°-90°	1.0	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°	235.8	68.5
0°-40°	298.3	86.7
0°-60°	333.3	96.9
0°-90°	344.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	344.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	456	
5°	442	41
15°	348	96
25°	216	99
35°	99	62
45°	30	25
55°	11	10
65°	6	6
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	456.3
2.5°	453.0
5°	442.3
7.5°	425.5
10°	403.2
12.5°	376.7
15°	347.8
17.5°	316.1
20°	283.1
22.5°	250.0
25°	216.5
27.5°	183.0
30°	151.8
32.5°	123.8
35°	98.7
37.5°	77.3
40°	58.7
42.5°	43.3
45°	30.3
47.5°	20.5
50°	14.9
52.5°	12.6
55°	11.2
57.5°	9.8
60°	8.4
62.5°	7.4
65°	6.5
67.5°	5.6
70°	4.7
72.5°	3.7
75°	3.3
77.5°	2.3
80°	1.9
82.5°	1.4
85°	0.9
87.5°	0.5
90°	0.0

(END OF REPORT)