

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: P1268784

Luminaire Tested: P3A02R609740DE010 E3CD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1268784
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-40)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A02R609740DE010 E3CD1MW
Description: 3in Adjustable LED luminaire with, R60 optic, 4000K CCT AND, 97CRI , E3CD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

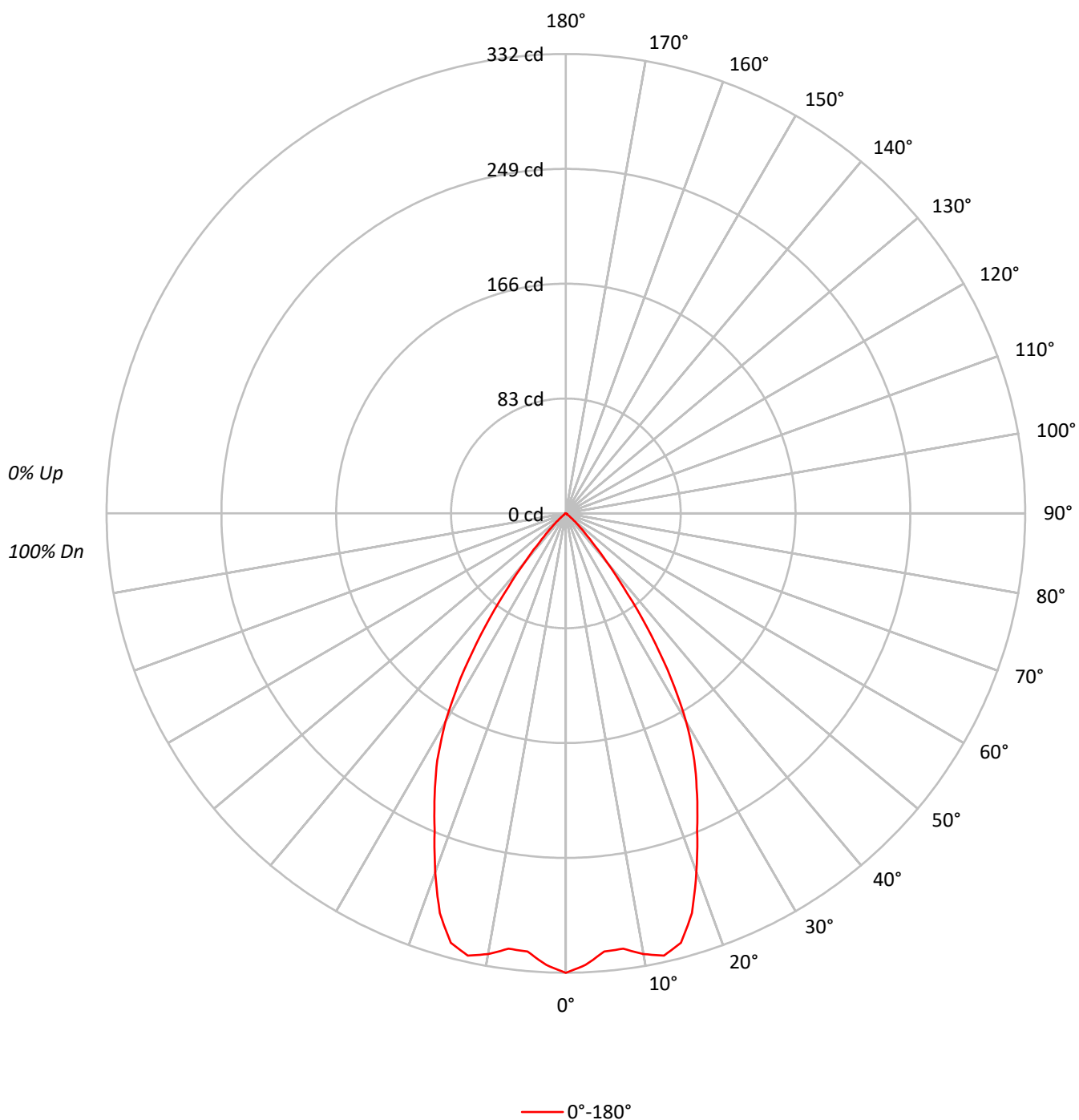
Lumens per Lamp: N/A
Luminaire Lumens: 305.0 lumens
Efficiency: N/A
Efficacy: 84.7 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 0.91
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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		
0	119	119	119	119		116	116	116	116		111	111	111		106	106	106		102	102	102	100
1	114	111	108	106		111	109	106	104		105	103	101		101	100	98		97	96	95	94
2	108	103	99	96		106	102	98	95		98	95	93		95	93	91		93	91	89	87
3	103	96	91	88		101	95	90	87		92	89	85		90	87	84		88	85	83	81
4	98	90	85	81		96	89	84	80		87	83	79		85	81	78		83	80	77	76
5	93	84	79	74		91	84	78	74		82	77	73		80	76	73		79	75	72	71
6	88	79	73	69		87	79	73	69		77	72	68		76	71	68		74	70	68	66
7	84	75	69	64		82	74	68	64		73	68	64		71	67	64		70	66	63	62
8	80	70	64	60		79	70	64	60		69	64	60		68	63	60		67	63	59	58
9	76	66	61	57		75	66	60	56		65	60	56		64	59	56		63	59	56	55
10	72	63	57	53		71	62	57	53		62	56	53		61	56	53		60	56	53	51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	72823
5°	69954
10°	72009
15°	72940
20°	64406
25°	54269
30°	44032
35°	28670
40°	13168
45°	5055
50°	1706
55°	459
60°	395
65°	363
70°	321
75°	424
80°	253
85°	503

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 5055 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	30.6	10.0
10°-20°	88.0	28.8
20°-30°	102.6	33.6
30°-40°	66.2	21.7
40°-50°	14.8	4.9
50°-60°	1.5	0.5
60°-70°	0.7	0.2
70°-80°	0.4	0.1
80°-90°	0.1	0.0
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°	221.2	72.5
0°-40°	287.4	94.2
0°-60°	303.7	99.6
0°-90°	305.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	305.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	332	
5°	318	31
15°	321	88
25°	224	103
35°	107	66
45°	16	15
55°	1	1
65°	1	1
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	332.1
2.5°	326.7
5°	317.8
7.5°	317.3
10°	323.4
12.5°	327.4
15°	321.3
17.5°	302.9
20°	276.0
22.5°	247.9
25°	224.3
27.5°	201.2
30°	173.9
32.5°	141.8
35°	107.1
37.5°	73.1
40°	46.0
42.5°	27.6
45°	16.3
47.5°	9.4
50°	5.0
52.5°	1.7
55°	1.2
57.5°	0.9
60°	0.9
62.5°	0.7
65°	0.7
67.5°	0.7
70°	0.5
72.5°	0.5
75°	0.5
77.5°	0.2
80°	0.2
82.5°	0.2
85°	0.2
87.5°	0.0
90°	0.0

(END OF REPORT)