

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: P1264026

Luminaire Tested: P3A02R609730DE010 E3CD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1264026
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: P3A02R609730DE010 E3CD1MW
Description: 3in Adjustable LED luminaire with, R60 optic, 3000K CCT AND, 97CRI , E3CD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

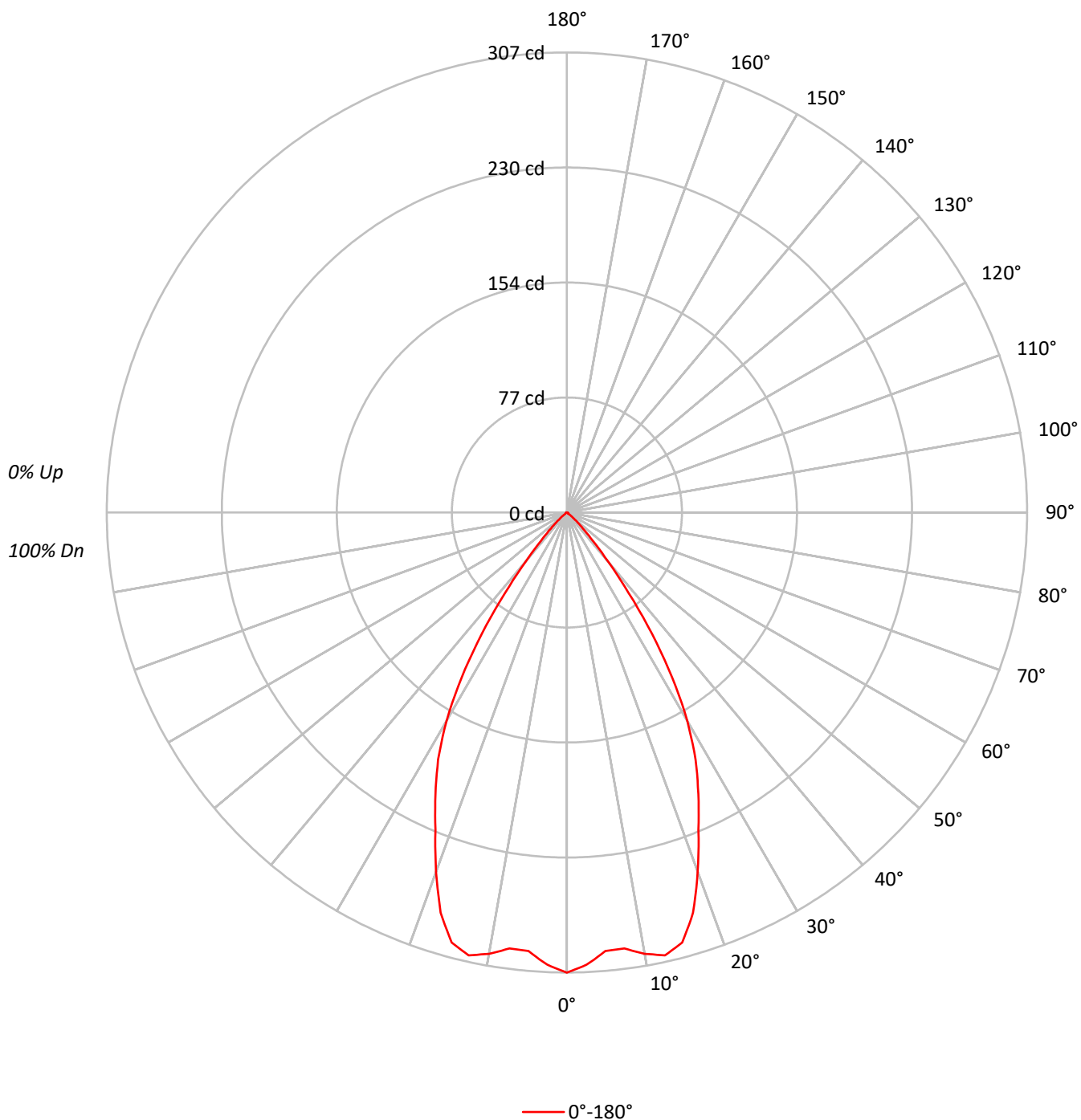
Lumens per Lamp: N/A
Luminaire Lumens: 282.0 lumens
Efficiency: N/A
Efficacy: 78.3 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 0.91
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	30	10	50	30	10
RCR																				
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°	67341
5°	64671
10°	66576
15°	67446
20°	59552
25°	50180
30°	40690
35°	26502
40°	12166
45°	4652
50°	1569
55°	421
60°	395
65°	363
70°	256
75°	339
80°	253
85°	503

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 4652 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	28.3	10.0
10°-20°	81.3	28.9
20°-30°	94.9	33.6
30°-40°	61.2	21.7
40°-50°	13.7	4.9
50°-60°	1.4	0.5
60°-70°	0.7	0.2
70°-80°	0.3	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°	204.5	72.5
0°-40°	265.7	94.2
0°-60°	280.8	99.6
0°-90°	282.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	282.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	307	
5°	294	28
15°	297	81
25°	207	95
35°	99	61
45°	15	14
55°	1	1
65°	1	1
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	307.1
2.5°	302.1
5°	293.8
7.5°	293.4
10°	299.0
12.5°	302.7
15°	297.1
17.5°	280.0
20°	255.2
22.5°	229.2
25°	207.4
27.5°	186.0
30°	160.7
32.5°	131.1
35°	99.0
37.5°	67.6
40°	42.5
42.5°	25.5
45°	15.0
47.5°	8.7
50°	4.6
52.5°	1.5
55°	1.1
57.5°	0.9
60°	0.9
62.5°	0.7
65°	0.7
67.5°	0.7
70°	0.4
72.5°	0.4
75°	0.4
77.5°	0.2
80°	0.2
82.5°	0.2
85°	0.2
87.5°	0.0
90°	0.0

(END OF REPORT)