

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: P1264054

Luminaire Tested: P3A02R659730DE010 E3CD1MMS

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1264054
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-44)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A02R659730DE010 E3CD1MMS
Description: 3in Adjustable LED luminaire with, R65 optic, 3000K CCT AND, 97CRI , E3CD1MMS TRIM
Light Source: -
Ballast/Driver: -

Summary

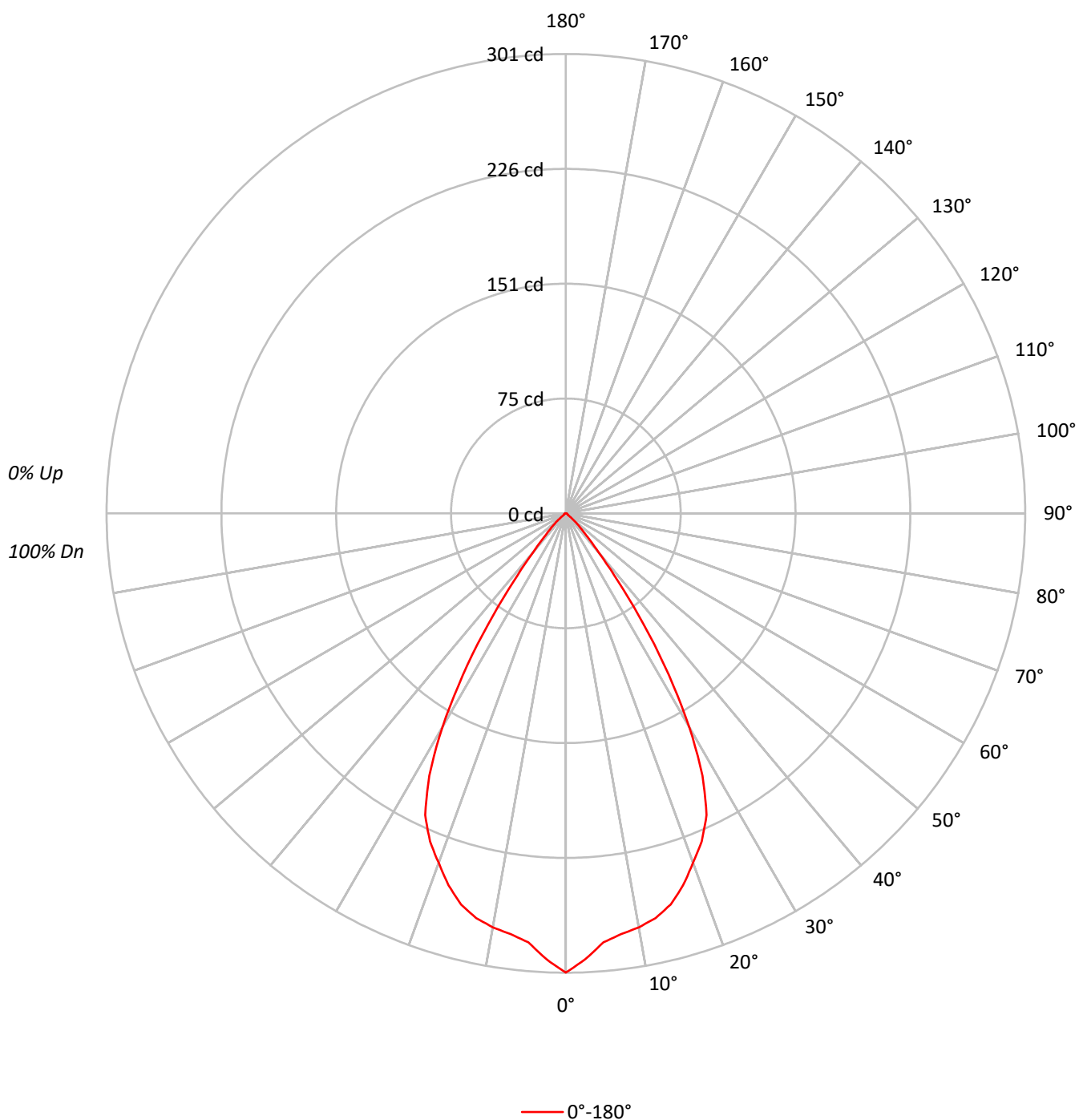
Lumens per Lamp: N/A
Luminaire Lumens: 270.0 lumens
Efficiency: N/A
Efficacy: 75.0 lumens/watt
Spacing Criteria (0/90/45): 0.98 / 0.98 / 0.9
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1264054

CATALOG NUMBER: P3A02R659730DE010 E3CD1MMS

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	99	98	97	96	95	94		
2	108	103	99	96	106	101	98	95	98	95	93	95	93	91	92	90	89	87		
3	103	96	91	87	101	95	90	87	92	88	85	90	87	84	88	85	83	81		
4	97	90	84	80	96	89	84	80	87	82	79	85	81	78	83	80	77	75		
5	93	84	78	74	91	83	78	74	82	77	73	80	76	73	78	75	72	70		
6	88	79	73	69	86	78	73	69	77	72	68	75	71	68	74	70	67	66		
7	84	74	68	64	82	74	68	64	72	67	64	71	67	63	70	66	63	62		
8	80	70	64	60	78	69	64	60	68	63	60	67	63	59	66	62	59	58		
9	76	66	60	56	75	66	60	56	65	60	56	64	59	56	63	59	56	54		
10	72	63	57	53	71	62	57	53	61	56	53	60	56	53	60	55	52	51		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	65982
5°	62095
10°	61322
15°	60227
20°	56868
25°	52769
30°	41019
35°	23744
40°	9561
45°	4404
50°	1706
55°	650
60°	570
65°	571
70°	577
75°	593
80°	505
85°	503

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 4404 cd/sqm

TEST NUMBER: P1264054

CATALOG NUMBER: P3A02R659730DE010 E3CD1MMS

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	26.8	9.9
10°-20°	74.1	27.4
20°-30°	97.0	35.9
30°-40°	56.2	20.8
40°-50°	12.0	4.5
50°-60°	1.9	0.7
60°-70°	1.1	0.4
70°-80°	0.6	0.2
80°-90°	0.2	0.1
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°	197.9	73.3
0°-40°	254.1	94.1
0°-60°	268.0	99.3
0°-90°	270.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	270.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	301	
5°	282	27
15°	265	74
25°	218	97
35°	89	56
45°	14	12
55°	2	2
65°	1	1
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	300.9
2.5°	292.4
5°	282.1
7.5°	278.0
10°	275.4
12.5°	271.6
15°	265.3
17.5°	255.5
20°	243.7
22.5°	232.6
25°	218.1
27.5°	193.9
30°	162.0
32.5°	125.6
35°	88.7
37.5°	56.1
40°	33.4
42.5°	21.0
45°	14.2
47.5°	9.2
50°	5.0
52.5°	2.4
55°	1.7
57.5°	1.5
60°	1.3
62.5°	1.3
65°	1.1
67.5°	0.9
70°	0.9
72.5°	0.7
75°	0.7
77.5°	0.4
80°	0.4
82.5°	0.2
85°	0.2
87.5°	0.2
90°	0.0

(END OF REPORT)