

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: P1264844

Luminaire Tested: P3A09R659730DE010 E3CD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1264844
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: P3A09R659730DE010 E3CD1MW
Description: 3in Adjustable LED luminaire with, R65 optic, 3000K CCT AND, 97CRI , E3CD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

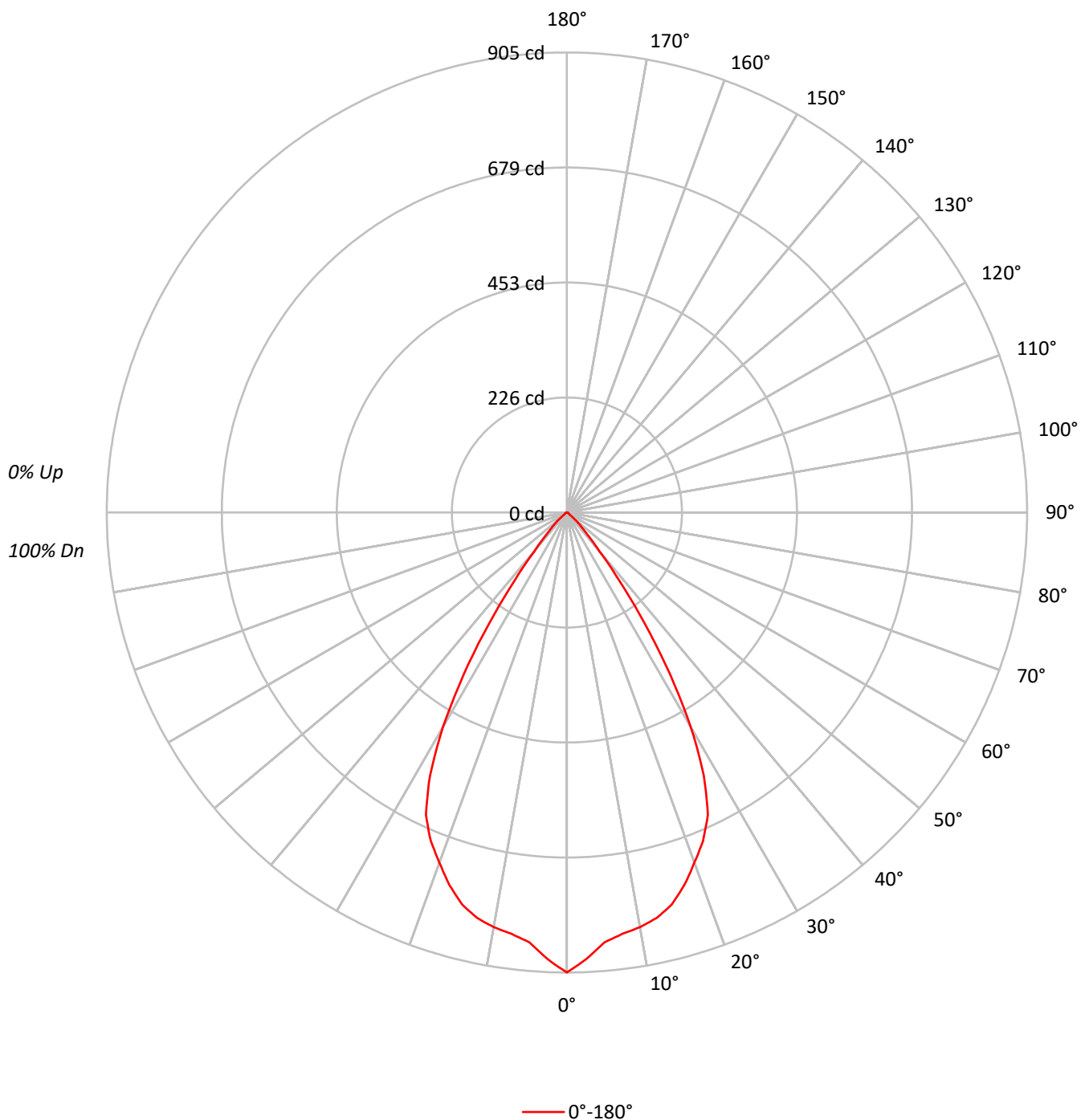
Lumens per Lamp: N/A
Luminaire Lumens: 812.0 lumens
Efficiency: N/A
Efficacy: 73.2 lumens/watt
Spacing Criteria (0/90/45): 0.98 / 0.98 / 0.9
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
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	114	111	108	106	111	109	106	104	105	103	101		101	99	98		97
2	108	103	99	96	106	101	98	95	98	95	93		95	93	91		92
3	103	96	91	87	101	95	90	87	92	88	85		90	87	84		87
4	97	90	84	80	96	89	84	80	87	82	79		85	81	78		83
5	93	84	78	74	91	83	78	74	82	77	73		80	76	73		78
6	88	79	73	69	86	78	73	69	77	72	68		75	71	68		74
7	84	74	68	64	82	74	68	64	72	67	64		71	67	63		70
8	80	70	64	60	78	69	64	60	68	63	60		67	63	59		66
9	76	66	60	56	75	66	60	56	65	60	56		64	59	56		63
10	72	63	57	53	71	62	57	53	61	56	53		60	56	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	198427
5°	186770
10°	184388
15°	181136
20°	171025
25°	158719
30°	123386
35°	71367
40°	28768
45°	13242
50°	5151
55°	2026
60°	1710
65°	1712
70°	1667
75°	1694
80°	1642
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 13242 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	80.7	9.9
10°-20°	222.8	27.4
20°-30°	291.7	35.9
30°-40°	168.9	20.8
40°-50°	36.2	4.5
50°-60°	5.9	0.7
60°-70°	3.2	0.4
70°-80°	1.9	0.2
80°-90°	0.7	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°	595.1	73.3
0°-40°	764.1	94.1
0°-60°	806.1	99.3
0°-90°	812.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	812.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	905	
5°	848	81
15°	798	223
25°	656	292
35°	267	169
45°	43	36
55°	5	6
65°	3	3
75°	2	2
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	904.9
2.5°	879.3
5°	848.5
7.5°	836.0
10°	828.1
12.5°	816.9
15°	797.9
17.5°	768.3
20°	732.9
22.5°	699.4
25°	656.0
27.5°	583.2
30°	487.3
32.5°	377.6
35°	266.6
37.5°	168.8
40°	100.5
42.5°	63.0
45°	42.7
47.5°	27.6
50°	15.1
52.5°	7.2
55°	5.3
57.5°	4.6
60°	3.9
62.5°	3.9
65°	3.3
67.5°	2.6
70°	2.6
72.5°	2.0
75°	2.0
77.5°	1.3
80°	1.3
82.5°	0.7
85°	0.7
87.5°	0.7
90°	0.0

(END OF REPORT)