

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: P1264797

Luminaire Tested: P3A09R559730DE010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1264797
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-35)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R559730DE010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R55 optic, 3000K CCT AND, 97CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

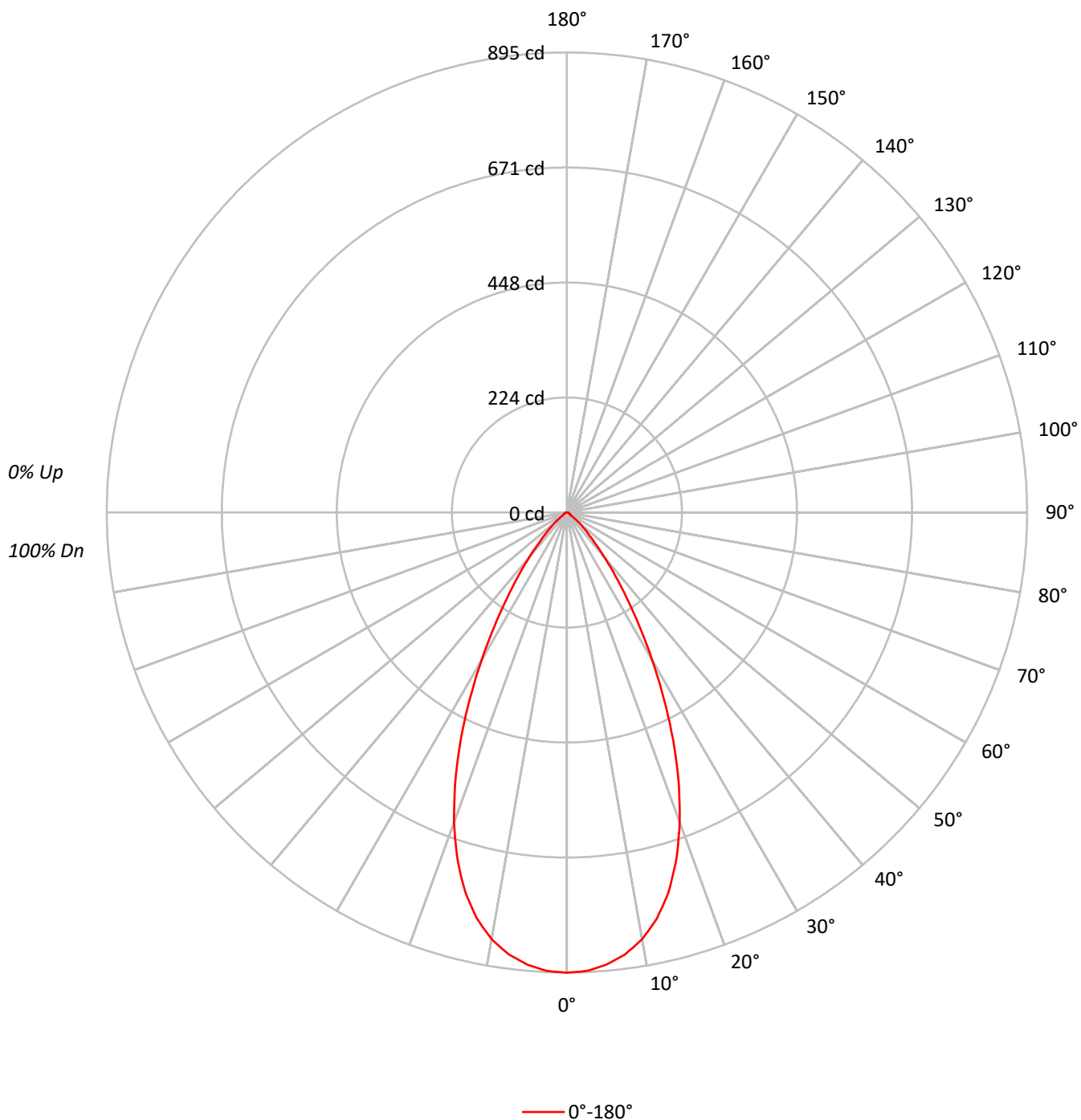
Lumens per Lamp: N/A
Luminaire Lumens: 715.0 lumens
Efficiency: N/A
Efficacy: 64.4 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.81
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	113	111	108	106	111	108	106	104	104	103	101		101	99	98		97
2	108	103	99	95	106	101	97	94	98	95	92		95	92	90		92
3	102	96	91	87	100	94	90	86	92	88	85		89	86	83		87
4	97	90	84	80	95	89	83	79	86	82	78		84	81	78		82
5	92	84	78	74	91	83	78	74	81	77	73		80	76	72		78
6	88	79	73	69	86	78	73	68	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	70	64	60	69	63	60		67	63	60		67
9	76	66	61	57	75	66	60	56	65	60	56		64	59	56		63
10	73	63	57	53	72	62	57	53	62	57	53		61	56	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	196344
5°	194342
10°	187683
15°	173486
20°	149696
25°	118241
30°	83861
35°	54074
40°	32489
45°	18296
50°	9859
55°	3517
60°	3158
65°	3061
70°	2949
75°	2796
80°	2526
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 18296 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	83.0	11.6
10°-20°	211.3	29.6
20°-30°	221.5	31.0
30°-40°	129.2	18.1
40°-50°	48.3	6.8
50°-60°	11.4	1.6
60°-70°	5.8	0.8
70°-80°	3.5	0.5
80°-90°	1.0	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°	515.8	72.1
0°-40°	645.0	90.2
0°-60°	704.7	98.6
0°-90°	715.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	715.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	895	
5°	883	83
15°	764	211
25°	489	221
35°	202	129
45°	59	48
55°	9	11
65°	6	6
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	895.4
2.5°	892.7
5°	882.9
7.5°	867.1
10°	842.9
12.5°	808.8
15°	764.2
17.5°	707.8
20°	641.5
22.5°	567.4
25°	488.7
27.5°	408.0
30°	331.2
32.5°	261.7
35°	202.0
37.5°	153.5
40°	113.5
42.5°	81.3
45°	59.0
47.5°	42.6
50°	28.9
52.5°	16.4
55°	9.2
57.5°	7.9
60°	7.2
62.5°	6.6
65°	5.9
67.5°	5.2
70°	4.6
72.5°	3.9
75°	3.3
77.5°	2.6
80°	2.0
82.5°	1.3
85°	0.7
87.5°	0.7
90°	0.0

(END OF REPORT)