

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: P1268737

Luminaire Tested: P3A02R509740DE010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1268737
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-31)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A02R509740DE010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R50 optic, 4000K CCT AND, 97CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

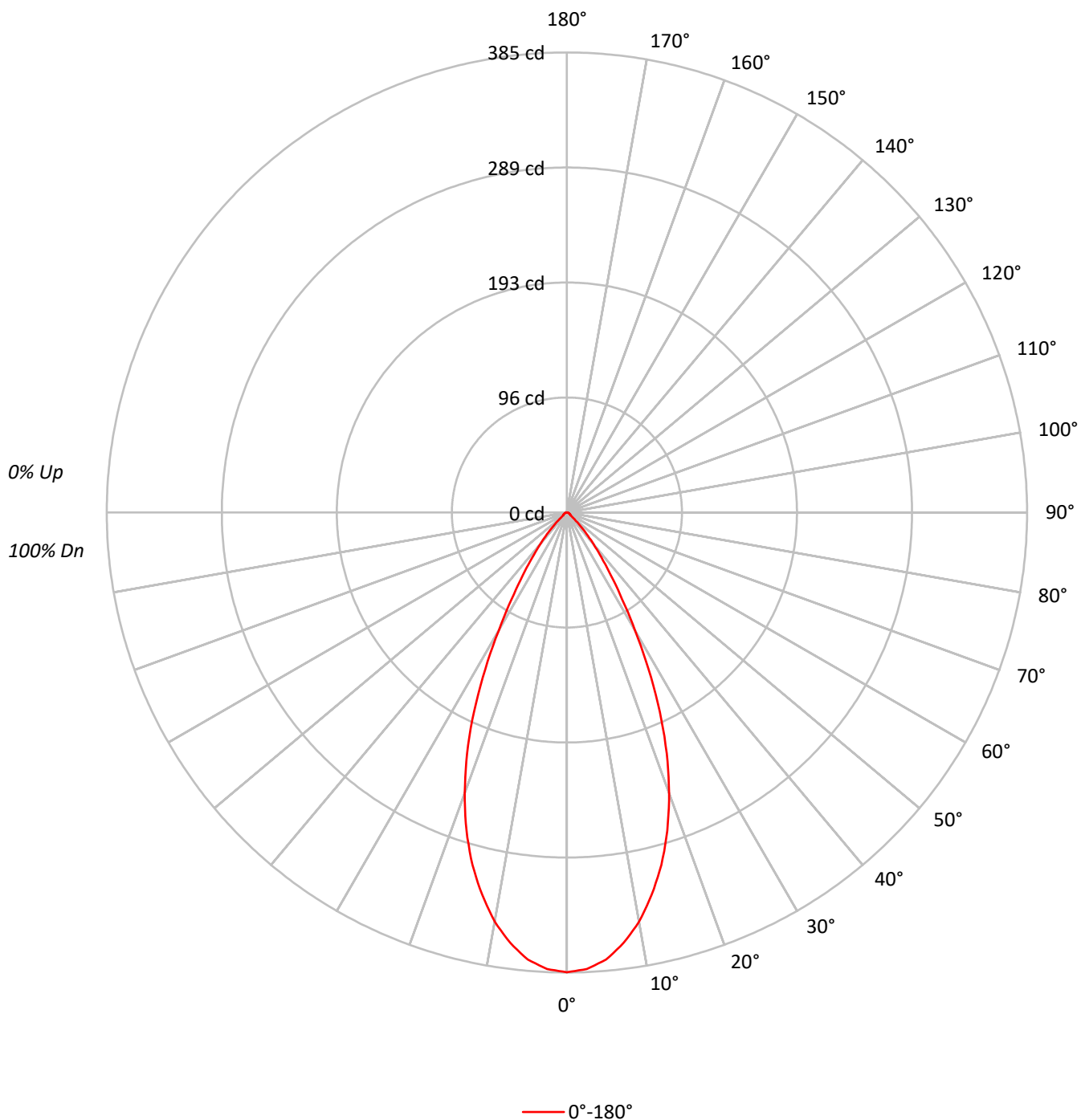
Lumens per Lamp: N/A
Luminaire Lumens: 265.0 lumens
Efficiency: N/A
Efficacy: 73.6 lumens/watt
Spacing Criteria (0/90/45): 0.77 / 0.77 / 0.75
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	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	102	98	95	98	95	93		95	93	91		93
3	103	97	92	88	101	95	91	87	93	89	86		90	87	84		88
4	98	91	85	81	96	90	85	81	87	83	80		85	82	79		84
5	93	85	80	75	92	84	79	75	83	78	74		81	77	74		79
6	89	80	75	71	88	80	74	70	78	73	70		77	73	69		75
7	85	76	70	66	84	75	70	66	74	69	66		73	69	65		72
8	81	72	66	62	80	71	66	62	70	65	62		69	65	62		68
9	78	68	63	59	76	68	62	59	67	62	59		66	62	58		65
10	74	65	59	56	73	65	59	56	64	59	55		63	58	55		62

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	84379
5°	82676
10°	77442
15°	69331
20°	58338
25°	44519
30°	28941
35°	17159
40°	9904
45°	4962
50°	1842
55°	1453
60°	1360
65°	1245
70°	1218
75°	1186
80°	1137
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 4962 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	34.9	13.2
10°-20°	84.4	31.9
20°-30°	82.8	31.3
30°-40°	41.7	15.8
40°-50°	13.2	5.0
50°-60°	3.4	1.3
60°-70°	2.4	0.9
70°-80°	1.5	0.6
80°-90°	0.5	0.2
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°	202.2	76.3
0°-40°	244.0	92.1
0°-60°	260.6	98.3
0°-90°	265.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	265.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	385	
5°	376	35
15°	305	84
25°	184	83
35°	64	42
45°	16	13
55°	4	3
65°	2	2
75°	1	1
85°	0	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	384.8
2.5°	382.4
5°	375.6
7.5°	363.3
10°	347.8
12.5°	327.7
15°	305.4
17.5°	279.4
20°	250.0
22.5°	218.2
25°	184.0
27.5°	147.7
30°	114.3
32.5°	86.0
35°	64.1
37.5°	47.4
40°	34.6
42.5°	24.5
45°	16.0
47.5°	9.2
50°	5.4
52.5°	4.0
55°	3.8
57.5°	3.3
60°	3.1
62.5°	2.8
65°	2.4
67.5°	2.1
70°	1.9
72.5°	1.6
75°	1.4
77.5°	1.2
80°	0.9
82.5°	0.7
85°	0.5
87.5°	0.2
90°	0.0

(END OF REPORT)