

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: P1264595

Luminaire Tested: P3A09R209730DE010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1264595
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-7)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R209730DE010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R20 optic, 3000K CCT AND, 97CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

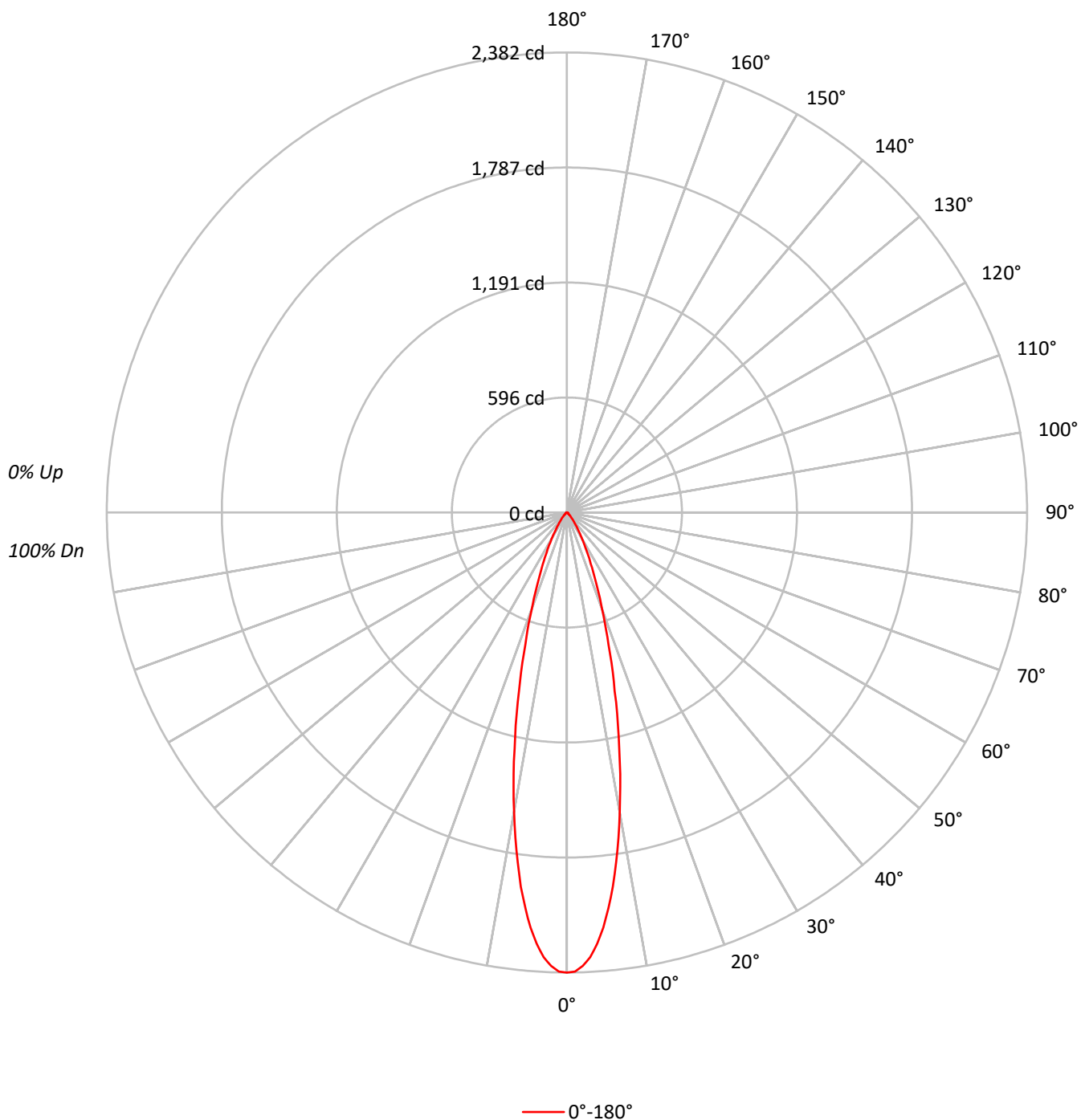
Lumens per Lamp: N/A
Luminaire Lumens: 679.0 lumens
Efficiency: N/A
Efficacy: 61.2 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.44 / 0.46
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1264595

CATALOG NUMBER: P3A09R209730DE010 E3DL1WMH

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			0
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50	30	10	0
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102	102	102	100
1	114	112	110	108	112	110	108	106	106	104	103		102	101	100		99	98	97	95
2	110	106	102	100	108	104	101	98	101	98	96		98	96	94		95	94	92	91
3	106	100	96	93	104	99	95	92	97	93	91		94	92	89		92	90	88	87
4	102	96	91	88	100	95	90	87	92	89	86		91	88	85		89	86	84	83
5	98	91	87	83	97	90	86	83	89	85	82		87	84	81		86	83	81	79
6	95	87	83	79	93	87	82	79	85	81	78		84	81	78		83	80	77	76
7	91	84	79	76	90	83	79	76	82	78	75		81	78	75		80	77	75	73
8	88	81	76	73	87	80	76	73	79	75	72		78	75	72		78	74	72	71
9	85	78	73	70	85	77	73	70	77	73	70		76	72	69		75	72	69	68
10	83	75	71	68	82	75	70	67	74	70	67		73	70	67		73	69	67	66

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	522414
5°	474883
10°	350962
15°	217118
20°	123981
25°	70794
30°	39702
35°	21603
40°	11822
45°	6512
50°	3821
55°	2753
60°	2588
65°	2387
70°	2116
75°	2203
80°	1642
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 6512 cd/sqm

TEST NUMBER: P1264595

CATALOG NUMBER: P3A09R209730DE010 E3DL1WMH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	186.8	27.5
10°-20°	266.7	39.3
20°-30°	139.2	20.5
30°-40°	53.8	7.9
40°-50°	17.5	2.6
50°-60°	6.9	1.0
60°-70°	4.5	0.7
70°-80°	2.7	0.4
80°-90°	0.9	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°	592.7	87.3
0°-40°	646.6	95.2
0°-60°	670.9	98.8
0°-90°	679.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	679.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2382	
5°	2157	187
15°	956	267
25°	293	139
35°	81	54
45°	21	17
55°	7	7
65°	5	5
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	2382.4
1°	2377.8
2°	2349.6
3°	2306.3
4°	2239.4
5°	2157.4
6°	2060.3
7°	1952.8
8°	1828.1
9°	1706.8
10°	1576.2
12.5°	1252.9
15°	956.4
17.5°	715.6
20°	531.3
22.5°	393.6
25°	292.6
27.5°	215.8
30°	156.8
32.5°	113.5
35°	80.7
37.5°	58.4
40°	41.3
42.5°	29.5
45°	21.0
47.5°	15.1
50°	11.2
52.5°	8.5
55°	7.2
57.5°	6.6
60°	5.9
62.5°	5.2
65°	4.6
67.5°	3.9
70°	3.3
72.5°	3.3
75°	2.6
77.5°	2.0
80°	1.3
82.5°	1.3
85°	0.7
87.5°	0.7
90°	0.0

(END OF REPORT)