

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: P1268322

Luminaire Tested: P3A20R559735D010 E3DLP1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1268322
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-33)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A20R559735D010 E3DLP1WMH
Description: 3in Adjustable LED luminaire with, R55 optic, 3500K CCT AND, 97CRI , E3DLP1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

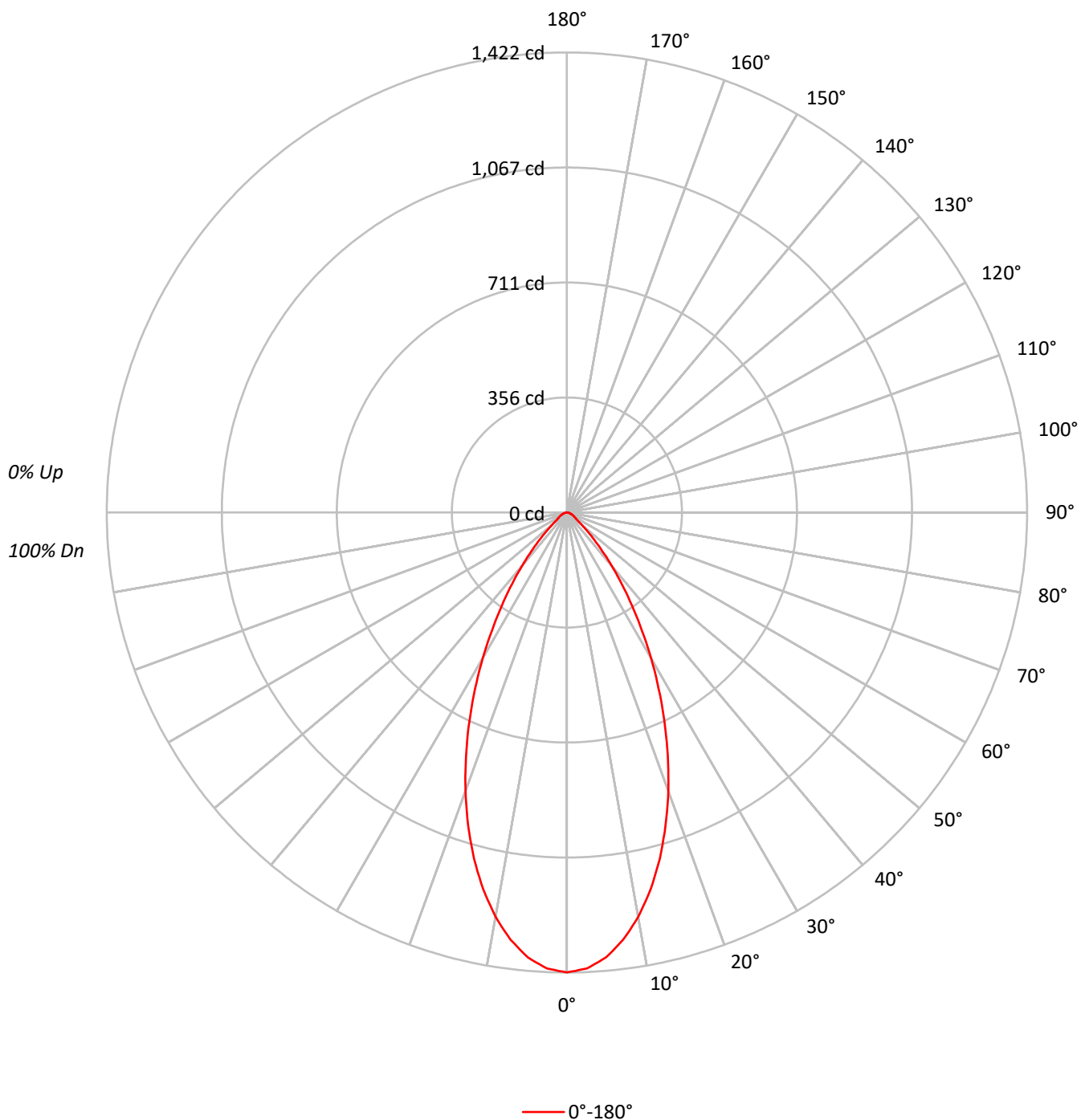
Lumens per Lamp: N/A
Luminaire Lumens: 1146.0 lumens
Efficiency: N/A
Efficacy: 39.8 lumens/watt
Spacing Criteria (0/90/45): 0.77 / 0.77 / 0.8
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
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				0
RW	70	50	30	10	70	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		100
1	113	110	107	105	110	108	105	103	104	102	100		100	98	97		92
2	107	102	97	94	105	100	96	93	97	93	91		94	91	89		85
3	101	94	89	85	99	93	88	84	90	86	83		88	84	81		79
4	96	88	82	77	94	87	81	77	84	80	76		82	78	75		73
5	91	82	76	71	89	81	75	71	79	74	70		77	73	70		67
6	86	77	70	66	84	76	70	66	74	69	65		73	68	65		63
7	82	72	66	61	80	71	65	61	70	65	61		69	64	60		59
8	78	68	62	57	76	67	61	57	66	61	57		65	60	57		55
9	74	64	58	54	73	63	58	54	62	57	53		62	57	53		52
10	70	60	55	51	69	60	54	50	59	54	50		58	54	50		49

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	311751
5°	303939
10°	282560
15°	251625
20°	213822
25°	172558
30°	131565
35°	93558
40°	61744
45°	36624
50°	21492
55°	13228
60°	11753
65°	10637
70°	9104
75°	7964
80°	7956
85°	7799

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 36624 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	128.2	11.2
10°-20°	307.3	26.8
20°-30°	325.5	28.4
30°-40°	219.9	19.2
40°-50°	96.4	8.4
50°-60°	34.5	3.0
60°-70°	20.2	1.8
70°-80°	10.6	0.9
80°-90°	3.4	0.3
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°	760.9	66.4
0°-40°	980.9	85.6
0°-60°	1111.8	97.0
0°-90°	1146.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1146.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1422	
5°	1381	128
15°	1108	307
25°	713	325
35°	350	220
45°	118	96
55°	35	35
65°	20	20
75°	9	11
85°	3	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1421.7
2.5°	1410.7
5°	1380.8
7.5°	1331.9
10°	1269.0
12.5°	1193.4
15°	1108.4
17.5°	1013.9
20°	916.3
22.5°	814.0
25°	713.2
27.5°	614.0
30°	519.6
32.5°	429.8
35°	349.5
37.5°	277.1
40°	215.7
42.5°	162.2
45°	118.1
47.5°	86.6
50°	63.0
52.5°	44.1
55°	34.6
57.5°	31.5
60°	26.8
62.5°	23.6
65°	20.5
67.5°	17.3
70°	14.2
72.5°	12.6
75°	9.4
77.5°	7.9
80°	6.3
82.5°	4.7
85°	3.1
87.5°	1.6
90°	0.0

(END OF REPORT)