

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: P1268555

Luminaire Tested: P3A02R209740DE010 E3D1H

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1268555
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-8)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A02R209740DE010 E3D1H
Description: 3in Adjustable LED luminaire with, R20 optic, 4000K CCT AND, 97CRI , E3D1H TRIM
Light Source: -
Ballast/Driver: -

Summary

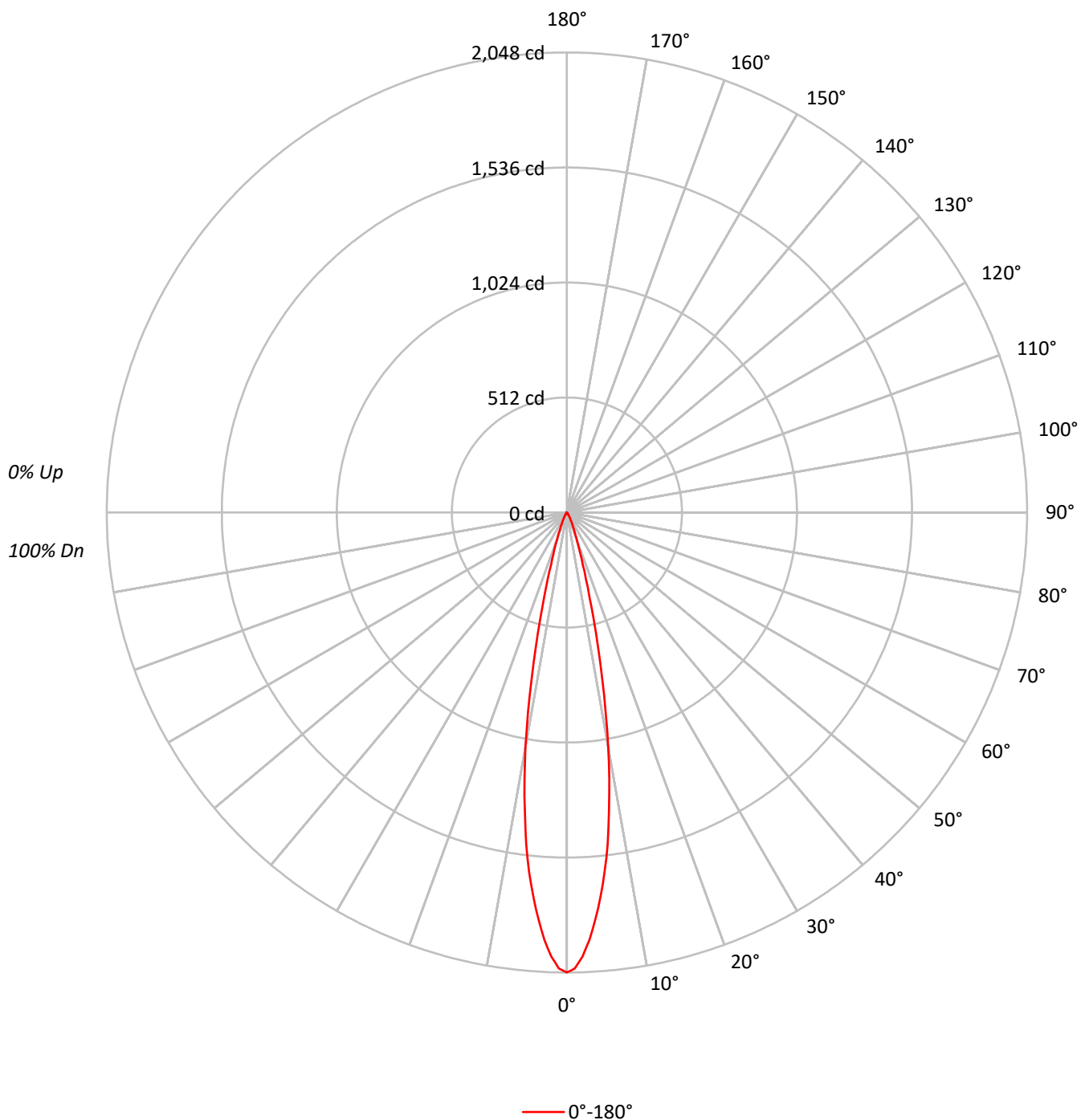
Lumens per Lamp: N/A
Luminaire Lumens: 296.0 lumens
Efficiency: N/A
Efficacy: 82.2 lumens/watt
Spacing Criteria (0/90/45): 0.35 / 0.35 / 0.34
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1268555

CATALOG NUMBER: P3A02R209740DE010 E3D1H

Luminous Intensity Polar Plot



TEST NUMBER: P1268555

CATALOG NUMBER: P3A02R209740DE010 E3D1H

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	115	114	112	110	113	111	110	108	107	106	105		104	103	102		100
2	112	109	106	104	110	107	105	103	104	102	101		101	100	98		99
3	109	105	102	99	107	104	101	98	101	99	97		99	97	95		97
4	106	101	98	95	105	100	97	95	99	96	94		97	95	93		95
5	104	98	95	92	102	98	94	92	96	93	91		95	92	90		93
6	101	96	92	89	100	95	92	89	94	91	89		93	90	88		92
7	99	93	90	87	98	93	89	87	92	89	86		91	88	86		90
8	97	91	87	85	96	91	87	85	90	87	85		89	86	84		88
9	95	89	85	83	94	89	85	83	88	85	83		87	84	83		87
10	93	87	84	81	92	87	83	81	86	83	81		86	83	81		85

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	448999
5°	378053
10°	236112
15°	88287
20°	30313
25°	12630
30°	5950
35°	2677
40°	1260
45°	651
50°	239
55°	38
60°	44
65°	52
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 651 cd/sqm

TEST NUMBER: P1268555

CATALOG NUMBER: P3A02R209740DE010 E3D1H

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	142.8	48.3
10°-20°	117.6	39.7
20°-30°	26.7	9.0
30°-40°	6.8	2.3
40°-50°	1.7	0.6
50°-60°	0.2	0.1
60°-70°	0.1	0.0
70°-80°	0.0	0.0
80°-90°	0.0	0.0
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°	287.2	97.0
0°-40°	294.0	99.3
0°-60°	295.9	100.0
0°-90°	296.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	296.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2048	
5°	1718	143
15°	389	118
25°	52	27
35°	10	7
45°	2	2
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	

TEST NUMBER: P1268555

CATALOG NUMBER: P3A02R209740DE010 E3D1H

CANDELA DISTRIBUTION (FULL):

0°	
0°	2047.6
1°	2030.3
2°	1979.1
3°	1905.8
4°	1815.7
5°	1717.5
6°	1608.0
7°	1487.2
8°	1346.2
9°	1206.5
10°	1060.4
11°	905.0
12°	749.8
13°	618.4
14°	492.7
15°	388.9
16°	306.9
17°	242.1
18°	194.5
19°	158.2
20°	129.9
21°	108.6
22°	90.6
23°	75.3
24°	62.8
25°	52.2
27.5°	34.1
30°	23.5
32.5°	14.5
35°	10.0
37.5°	6.4
40°	4.4
42.5°	3.0
45°	2.1
47.5°	1.4
50°	0.7
52.5°	0.3
55°	0.1
57.5°	0.1
60°	0.1
62.5°	0.1
65°	0.1
67.5°	0.0
70°	0.0
72.5°	0.0

TEST NUMBER: P1268555

CATALOG NUMBER: P3A02R209740DE010 E3D1H

CANDELA DISTRIBUTION (continued):

	0°
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)