

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: P1268399

Luminaire Tested: P3A20R709735D010 E3DLP1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1268399
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-45)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A20R709735D010 E3DLP1H
Description: 3in Adjustable LED luminaire with, R70 optic, 3500K CCT AND, 97CRI , E3DLP1H TRIM
Light Source: -
Ballast/Driver: -

Summary

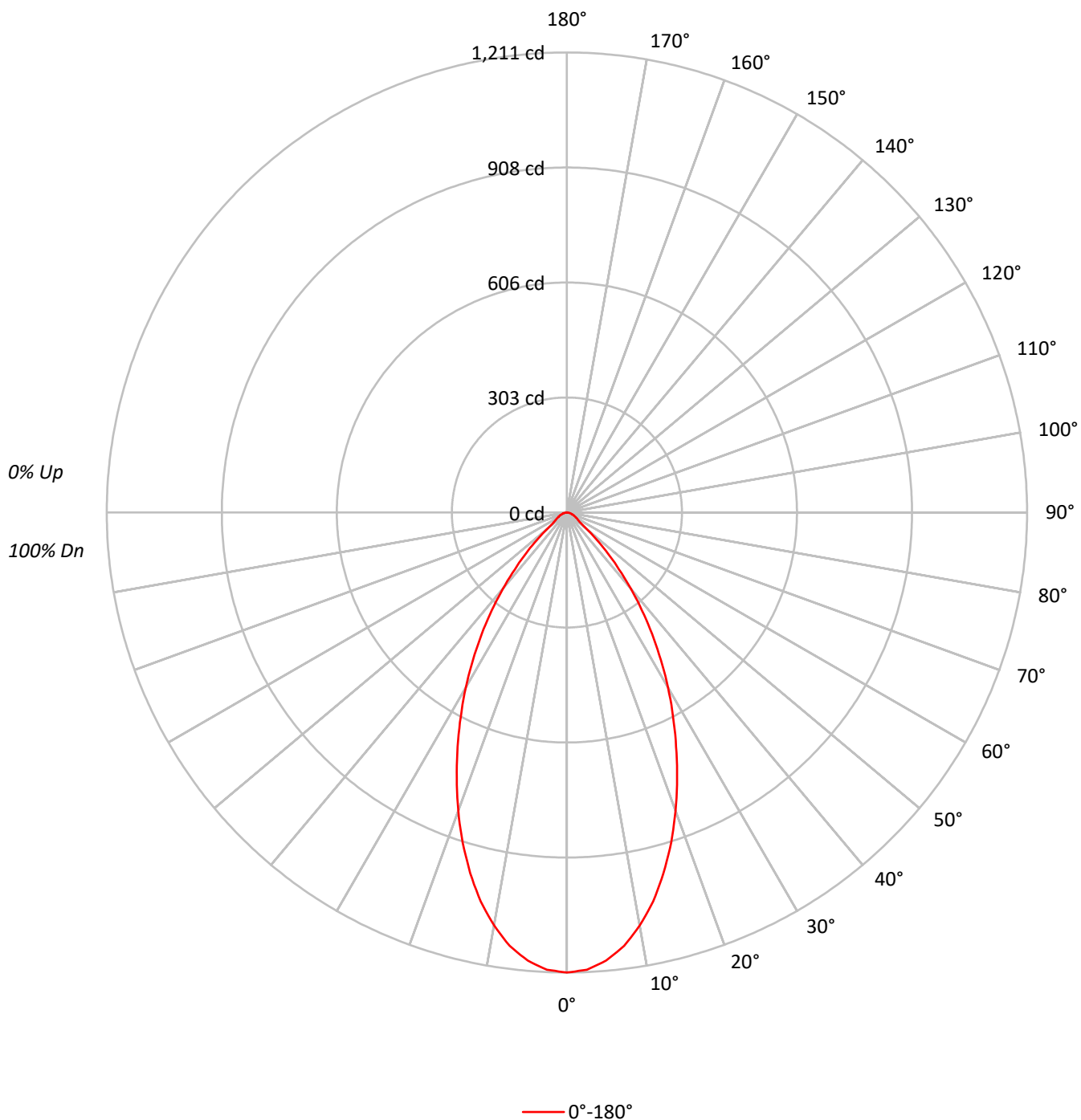
Lumens per Lamp: N/A
Luminaire Lumens: 1132.0 lumens
Efficiency: N/A
Efficacy: 39.3 lumens/watt
Spacing Criteria (0/90/45): 0.82 / 0.82 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1268399

CATALOG NUMBER: P3A20R709735D010 E3DLP1H

Luminous Intensity Polar Plot



TEST NUMBER: P1268399

CATALOG NUMBER: P3A20R709735D010 E3DLP1H

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	110	107	104	110	107	105	103	103	101	100		100	98	97		96
2	106	101	97	93	104	99	95	92	96	93	90		93	90	88		90
3	100	93	88	83	98	92	87	83	89	85	81		87	83	80		84
4	95	86	80	76	93	85	80	75	83	78	74		81	77	73		79
5	89	80	74	69	88	79	73	69	78	72	68		76	71	68		74
6	85	75	68	64	83	74	68	64	73	67	63		71	66	63		70
7	80	70	64	59	79	69	63	59	68	62	58		67	62	58		66
8	76	66	59	55	75	65	59	55	64	58	54		63	58	54		62
9	72	62	55	51	71	61	55	51	60	55	51		59	54	51		58
10	69	58	52	48	67	58	52	48	57	51	48		56	51	48		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	265527
5°	260642
10°	245776
15°	223066
20°	195107
25°	164574
30°	134755
35°	104534
40°	74826
45°	47354
50°	23641
55°	14451
60°	12411
65°	11415
70°	10066
75°	9320
80°	7956
85°	7799

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 47354 cd/sqm

TEST NUMBER: P1268399

CATALOG NUMBER: P3A20R709735D010 E3DLP1H

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	110.5	9.8
10°-20°	273.4	24.2
20°-30°	311.4	27.5
30°-40°	243.5	21.5
40°-50°	119.6	10.6
50°-60°	36.8	3.3
60°-70°	21.8	1.9
70°-80°	11.6	1.0
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°	695.3	61.4
0°-40°	938.8	82.9
0°-60°	1095.2	96.7
0°-90°	1132.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1132.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1211	
5°	1184	110
15°	983	273
25°	680	311
35°	390	243
45°	153	120
55°	38	37
65°	22	22
75°	11	12
85°	3	3
90°	0	

TEST NUMBER: P1268399

CATALOG NUMBER: P3A20R709735D010 E3DLP1H

CANDELA DISTRIBUTION (FULL):

0°	
0°	1210.9
2.5°	1204.6
5°	1184.1
7.5°	1151.0
10°	1103.8
12.5°	1048.7
15°	982.6
17.5°	911.7
20°	836.1
22.5°	757.4
25°	680.2
27.5°	604.7
30°	532.2
32.5°	459.8
35°	390.5
37.5°	324.4
40°	261.4
42.5°	203.1
45°	152.7
47.5°	107.1
50°	69.3
52.5°	45.7
55°	37.8
57.5°	33.1
60°	28.3
62.5°	25.2
65°	22.0
67.5°	18.9
70°	15.7
72.5°	12.6
75°	11.0
77.5°	9.4
80°	6.3
82.5°	4.7
85°	3.1
87.5°	1.6
90°	0.0

(END OF REPORT)