

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: P1268348

Luminaire Tested: P3A20R609735D010 E3DLP1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1268348
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-37)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A20R609735D010 E3DLP1LI
Description: 3in Adjustable LED luminaire with, R60 optic, 3500K CCT AND, 97CRI , E3DLP1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

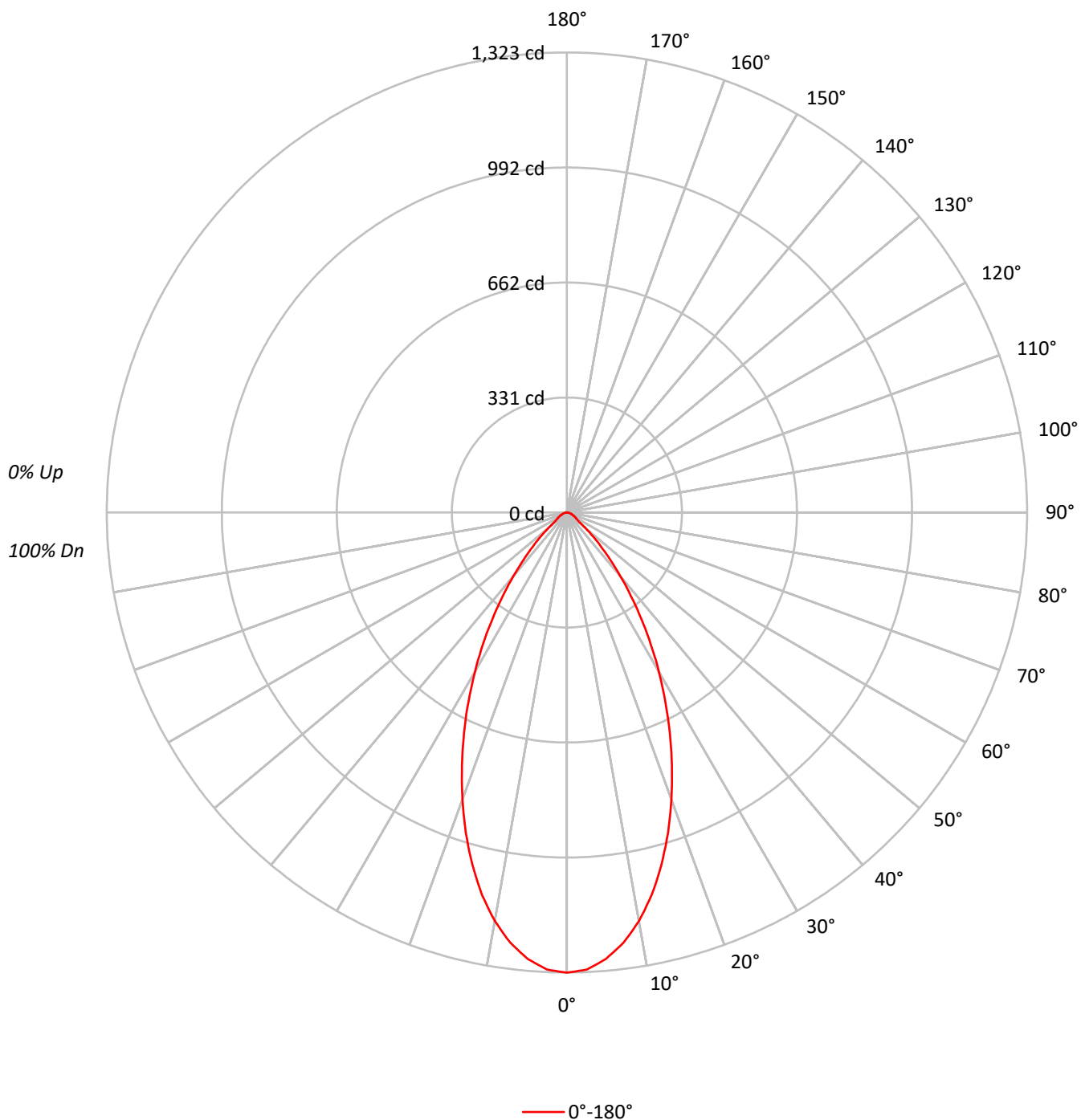
Lumens per Lamp: N/A
Luminaire Lumens: 1145.0 lumens
Efficiency: N/A
Efficacy: 39.8 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1268348

CATALOG NUMBER: P3A20R609735D010 E3DLP1LI

Luminous Intensity Polar Plot



TEST NUMBER: P1268348

CATALOG NUMBER: P3A20R609735D010 E3DLP1LI

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	101	97	93	104	100	96	92	96	93	90		93	91	88		85
3	101	94	88	84	99	92	87	83	90	86	82		87	84	81		78
4	95	87	81	77	93	86	80	76	84	79	75		82	78	74		72
5	90	81	75	70	88	80	74	70	78	73	69		77	72	69		66
6	85	76	69	65	84	75	69	65	73	68	64		72	67	64		62
7	81	71	65	60	79	70	64	60	69	64	60		68	63	59		57
8	77	67	60	56	75	66	60	56	65	60	56		64	59	55		54
9	73	63	57	52	72	62	56	52	61	56	52		60	55	52		50
10	69	59	53	49	68	59	53	49	58	53	49		57	52	49		47

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	290174
5°	283666
10°	265571
15°	238253
20°	204884
25°	169413
30°	133869
35°	99394
40°	68471
45°	42950
50°	23607
55°	13839
60°	12411
65°	10637
70°	9104
75°	9320
80°	7956
85°	7799

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 42950 cd/sqm

TEST NUMBER: P1268348

CATALOG NUMBER: P3A20R609735D010 E3DLP1LI

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	120.0	10.5
10°-20°	291.5	25.5
20°-30°	319.7	27.9
30°-40°	232.9	20.3
40°-50°	110.0	9.6
50°-60°	36.0	3.1
60°-70°	20.4	1.8
70°-80°	11.0	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°	731.2	63.9
0°-40°	964.1	84.2
0°-60°	1110.1	97.0
0°-90°	1145.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1145.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1323	
5°	1289	120
15°	1050	291
25°	700	320
35°	371	233
45°	138	110
55°	36	36
65°	20	20
75°	11	11
85°	3	3
90°	0	

TEST NUMBER: P1268348

CATALOG NUMBER: P3A20R609735D010 E3DLP1LI

CANDELA DISTRIBUTION (FULL):

	0°
0°	1323.3
2.5°	1315.5
5°	1288.7
7.5°	1247.8
10°	1192.7
12.5°	1126.6
15°	1049.5
17.5°	966.1
20°	878.0
22.5°	788.3
25°	700.2
27.5°	612.1
30°	528.7
32.5°	448.4
35°	371.3
37.5°	302.1
40°	239.2
42.5°	184.1
45°	138.5
47.5°	100.7
50°	69.2
52.5°	45.6
55°	36.2
57.5°	31.5
60°	28.3
62.5°	23.6
65°	20.5
67.5°	17.3
70°	14.2
72.5°	12.6
75°	11.0
77.5°	7.9
80°	6.3
82.5°	4.7
85°	3.1
87.5°	1.6
90°	0.0

(END OF REPORT)