

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: P1263584

Luminaire Tested: P3A20R609727D010 E3DLD1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1263584
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-38)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A20R609727D010 E3DLD1LI
Description: 3in Adjustable LED luminaire with, R60 optic, 2700K CCT AND, 97CRI , E3DLD1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

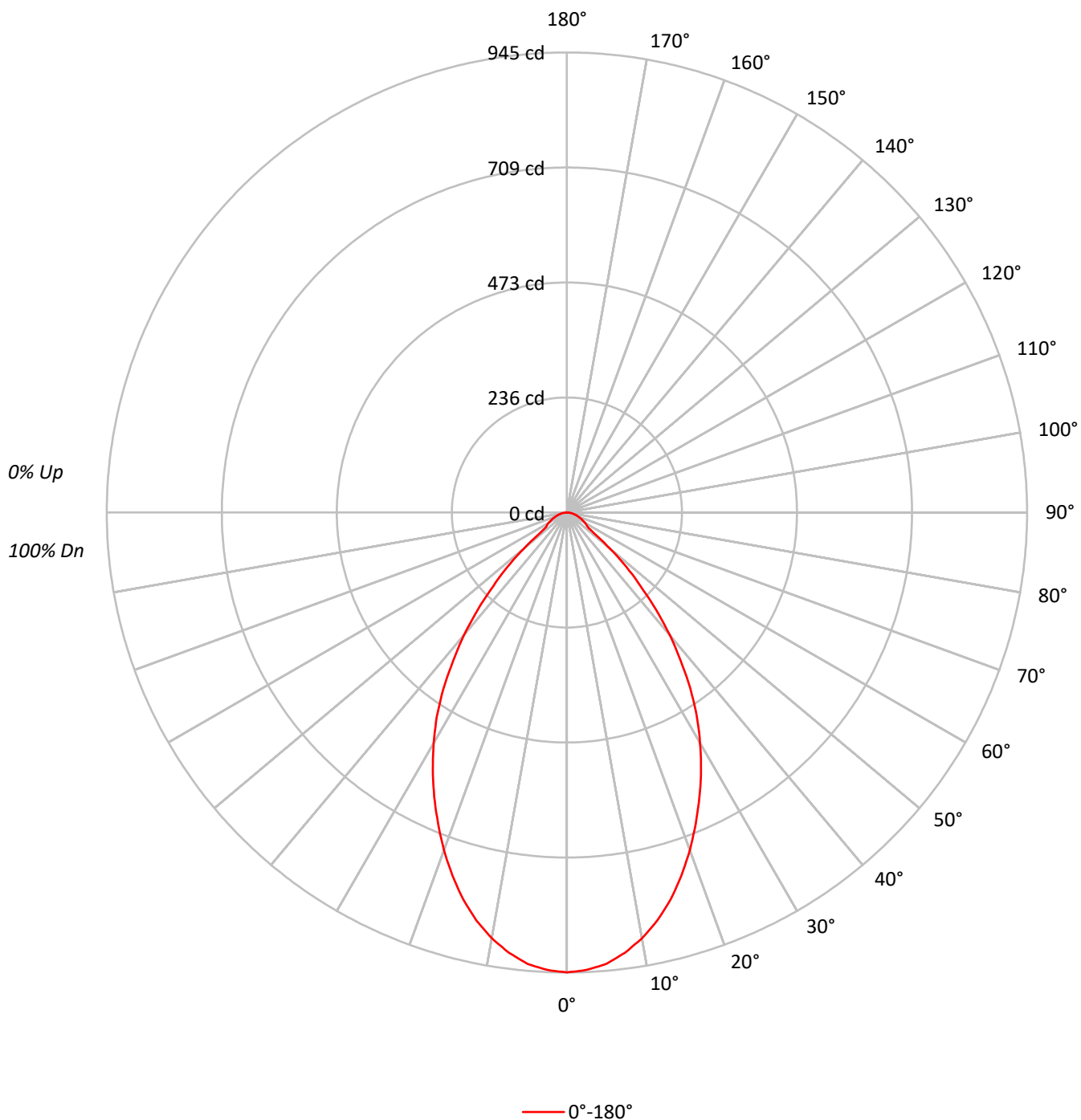
Lumens per Lamp: N/A
Luminaire Lumens: 1166.9 lumens
Efficiency: N/A
Efficacy: 40.5 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1263584

CATALOG NUMBER: P3A20R609727D010 E3DLD1LI

Luminous Intensity Polar Plot



TEST NUMBER: P1263584

CATALOG NUMBER: P3A20R609727D010 E3DLD1LI

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	112	109	106	103	110	107	104	101	102	100	98		99	97	95		95
2	105	99	94	90	103	97	93	89	94	90	87		91	88	85		88
3	99	91	85	80	96	89	84	79	87	82	78		84	80	77		82
4	92	83	77	72	90	82	76	71	80	75	70		78	73	70		76
5	87	77	70	65	85	76	69	65	74	68	64		72	67	63		71
6	82	71	64	59	80	70	64	59	69	63	58		67	62	58		66
7	77	66	59	54	75	65	59	54	64	58	54		63	57	53		61
8	72	61	55	50	71	61	54	50	60	54	49		59	53	49		58
9	68	57	51	46	67	57	50	46	56	50	46		55	49	46		54
10	65	54	47	43	64	53	47	43	52	47	43		52	46	42		51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	207154
5°	204842
10°	197747
15°	186812
20°	172192
25°	155936
30°	138426
35°	118293
40°	94062
45°	66332
50°	39606
55°	20033
60°	19253
65°	17641
70°	16349
75°	15589
80°	14269
85°	10567

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 66332 cd/sqm

TEST NUMBER: P1263584

CATALOG NUMBER: P3A20R609727D010 E3DLD1LI

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	87.4	7.5
10°-20°	230.0	19.7
20°-30°	295.3	25.3
30°-40°	273.8	23.5
40°-50°	166.7	14.3
50°-60°	55.6	4.8
60°-70°	33.8	2.9
70°-80°	19.0	1.6
80°-90°	5.4	0.5
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°	612.7	52.5
0°-40°	886.5	76.0
0°-60°	1108.7	95.0
0°-90°	1166.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1166.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	945	
5°	931	87
15°	823	230
25°	644	295
35°	442	274
45°	214	167
55°	52	56
65°	34	34
75°	18	19
85°	4	5
90°	0	

TEST NUMBER: P1263584

CATALOG NUMBER: P3A20R609727D010 E3DLD1LI

CANDELA DISTRIBUTION (FULL):

0°	
0°	944.7
2.5°	940.5
5°	930.6
7.5°	912.1
10°	888.1
12.5°	858.3
15°	822.9
17.5°	781.8
20°	737.9
22.5°	691.2
25°	644.5
27.5°	596.3
30°	546.7
32.5°	497.1
35°	441.9
37.5°	383.8
40°	328.6
42.5°	270.5
45°	213.9
47.5°	165.7
50°	116.1
52.5°	69.4
55°	52.4
57.5°	48.2
60°	43.9
62.5°	38.2
65°	34.0
67.5°	29.7
70°	25.5
72.5°	21.2
75°	18.4
77.5°	14.2
80°	11.3
82.5°	7.1
85°	4.2
87.5°	2.8
90°	0.0

(END OF REPORT)