

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: P1263560

Luminaire Tested: P3A20R559727D010 E3DLP1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1263560
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: P3A20R559727D010 E3DLP1H
Description: 3in Adjustable LED luminaire with, R55 optic, 2700K CCT AND, 97CRI , E3DLP1H TRIM
Light Source: -
Ballast/Driver: -

Summary

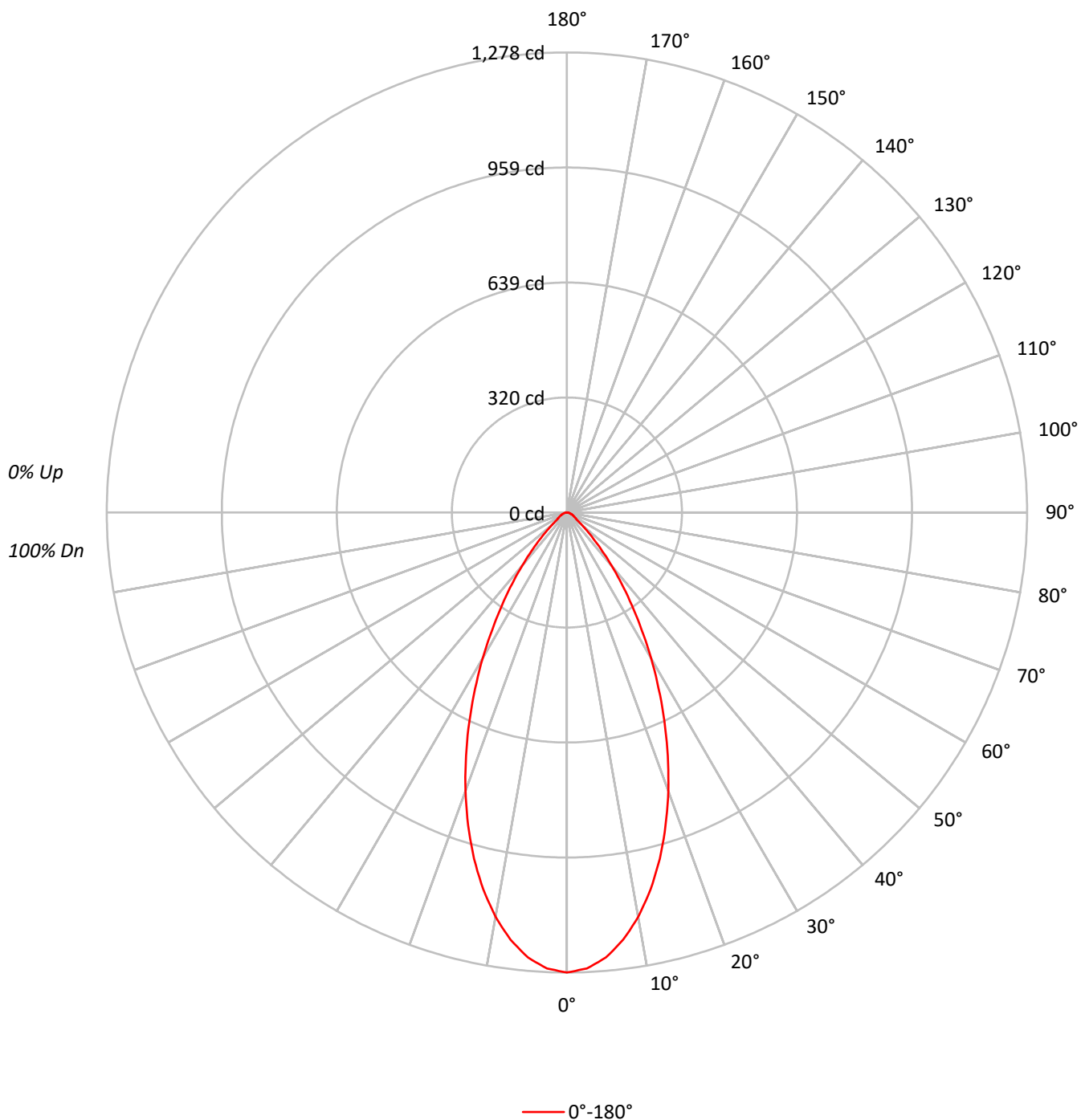
Lumens per Lamp: N/A
Luminaire Lumens: 1030.0 lumens
Efficiency: N/A
Efficacy: 35.8 lumens/watt
Spacing Criteria (0/90/45): 0.77 / 0.77 / 0.8
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1263560

CATALOG NUMBER: P3A20R559727D010 E3DLP1H

Luminous Intensity Polar Plot



TEST NUMBER: P1263560

CATALOG NUMBER: P3A20R559727D010 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	105	110	108	105	103	104	102	100		100	98	97		97
2	107	102	97	94	105	100	96	93	97	93	91		94	91	89		91
3	101	94	89	85	99	93	88	84	90	86	83		88	84	81		85
4	96	88	82	77	94	87	81	77	84	80	76		82	78	75		80
5	91	82	76	71	89	81	75	71	79	74	70		77	73	70		76
6	86	77	70	66	84	76	70	66	74	69	65		73	68	65		72
7	82	72	66	61	80	71	65	61	70	65	61		69	64	60		68
8	78	68	62	57	76	67	61	57	66	61	57		65	60	57		64
9	74	64	58	54	73	63	58	54	62	57	53		62	57	53		61
10	70	60	55	51	69	60	54	50	59	54	50		58	54	50		58

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	280197
5°	273167
10°	253948
15°	226153
20°	192190
25°	155090
30°	118246
35°	84082
40°	55504
45°	32903
50°	19309
55°	11890
60°	10569
65°	9547
70°	8142
75°	7202
80°	7198
85°	7045

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 32903 cd/sqm

TEST NUMBER: P1263560

CATALOG NUMBER: P3A20R559727D010 E3DLP1H

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	115.2	11.2
10°-20°	276.2	26.8
20°-30°	292.5	28.4
30°-40°	197.6	19.2
40°-50°	86.6	8.4
50°-60°	31.0	3.0
60°-70°	18.2	1.8
70°-80°	9.5	0.9
80°-90°	3.1	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°	683.9	66.4
0°-40°	881.6	85.6
0°-60°	999.2	97.0
0°-90°	1030.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1030.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1278	
5°	1241	115
15°	996	276
25°	641	293
35°	314	198
45°	106	87
55°	31	31
65°	18	18
75°	8	10
85°	3	3
90°	0	

TEST NUMBER: P1263560

CATALOG NUMBER: P3A20R559727D010 E3DLP1H

CANDELA DISTRIBUTION (FULL):

0°	
0°	1277.8
2.5°	1267.9
5°	1241.0
7.5°	1197.1
10°	1140.5
12.5°	1072.6
15°	996.2
17.5°	911.3
20°	823.6
22.5°	731.6
25°	641.0
27.5°	551.9
30°	467.0
32.5°	386.3
35°	314.1
37.5°	249.0
40°	193.9
42.5°	145.7
45°	106.1
47.5°	77.8
50°	56.6
52.5°	39.6
55°	31.1
57.5°	28.3
60°	24.1
62.5°	21.2
65°	18.4
67.5°	15.6
70°	12.7
72.5°	11.3
75°	8.5
77.5°	7.1
80°	5.7
82.5°	4.2
85°	2.8
87.5°	1.4
90°	0.0

(END OF REPORT)