

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: P1261449

Luminaire Tested: P3AS02R259727DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1261449
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-11)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R259727DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R25 optic, 2700K CCT AND, 97CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

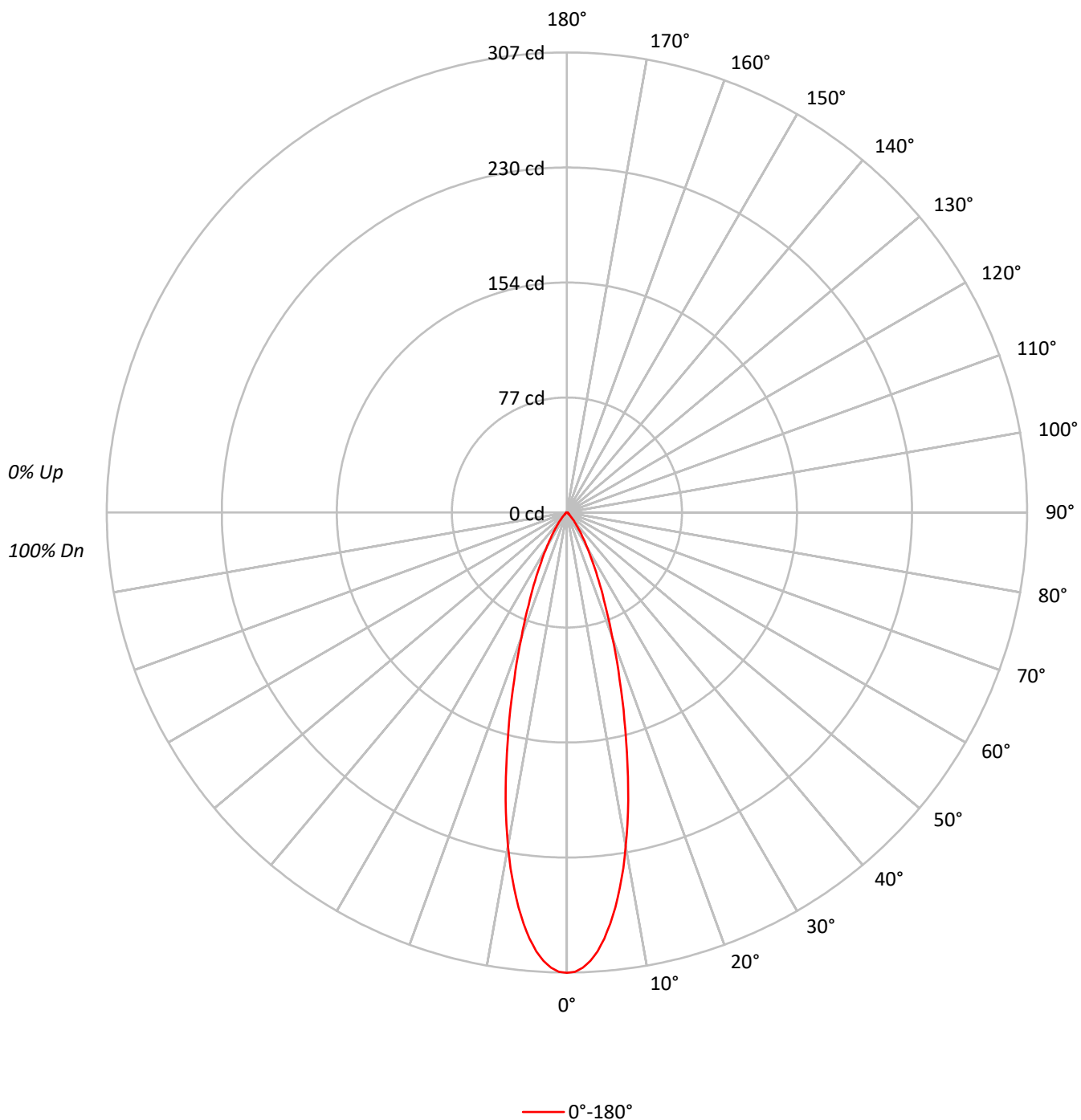
Lumens per Lamp: N/A
Luminaire Lumens: 105.0 lumens
Efficiency: N/A
Efficacy: 29.2 lumens/watt
Spacing Criteria (0/90/45): 0.49 / 0.49 / 0.51
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1261449

CATALOG NUMBER: P3AS02R259727DE010 E3DL1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1261449

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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	30	10
RCR																					
0	119	119	119	119		116	116	116	116		111	111	111		106	106	106		102	102	102
1	114	112	110	108		112	110	108	106		106	104	103		102	101	100		99	98	97
2	110	105	102	99		107	104	101	98		101	98	96		98	96	94		95	93	92
3	105	100	96	92		103	98	95	91		96	93	90		94	91	89		91	89	87
4	101	95	90	87		99	94	89	86		92	88	85		90	87	84		88	85	83
5	97	90	85	82		96	89	85	81		88	84	81		86	83	80		85	82	79
6	94	86	81	78		92	86	81	78		84	80	77		83	79	77		82	78	76
7	90	83	78	74		89	82	77	74		81	77	74		80	76	73		79	75	73
8	87	79	74	71		86	79	74	71		78	74	71		77	73	70		76	73	70
9	84	76	71	68		83	76	71	68		75	71	68		74	70	68		73	70	67
10	81	73	69	65		80	73	68	65		72	68	65		72	68	65		71	67	65

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	67363
5°	62844
10°	50344
15°	34166
20°	20675
25°	12097
30°	6887
35°	3774
40°	2004
45°	1054
50°	614
55°	459
60°	395
65°	415
70°	385
75°	339
80°	253
85°	252

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 1054 cd/sqm

TEST NUMBER: P1261449

CATALOG NUMBER: P3AS02R259727DE010 E3DL1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	25.3	24.1
10°-20°	41.4	39.4
20°-30°	23.6	22.5
30°-40°	9.3	8.9
40°-50°	2.9	2.7
50°-60°	1.1	1.1
60°-70°	0.8	0.7
70°-80°	0.4	0.4
80°-90°	0.1	0.1
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°	90.4	86.1
0°-40°	99.7	95.0
0°-60°	103.7	98.7
0°-90°	105.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	105.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	307	
5°	286	25
15°	150	41
25°	50	24
35°	14	9
45°	3	3
55°	1	1
65°	1	1
75°	0	0
85°	0	0
90°	0	

TEST NUMBER: P1261449

CATALOG NUMBER: P3AS02R259727DE010 E3DL1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	307.2
1°	306.6
2°	304.0
3°	299.6
4°	293.5
5°	285.5
6°	276.0
7°	265.4
8°	253.1
9°	240.4
10°	226.1
11°	211.9
12°	196.4
13°	181.0
14°	165.3
15°	150.5
17.5°	116.7
20°	88.6
22.5°	66.5
25°	50.0
27.5°	37.0
30°	27.2
32.5°	19.7
35°	14.1
37.5°	10.0
40°	7.0
42.5°	4.8
45°	3.4
47.5°	2.4
50°	1.8
52.5°	1.4
55°	1.2
57.5°	1.1
60°	0.9
62.5°	0.8
65°	0.8
67.5°	0.7
70°	0.6
72.5°	0.5
75°	0.4
77.5°	0.3
80°	0.2
82.5°	0.2
85°	0.1
87.5°	0.1



TEST NUMBER: P1261449

CATALOG NUMBER: P3AS02R259727DE010 E3DL1GPH

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)