

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: P1250229

Luminaire Tested: P3AS24R159027D010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1250229
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-3)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R159027D010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R15 optic, 2700K CCT AND, 90CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

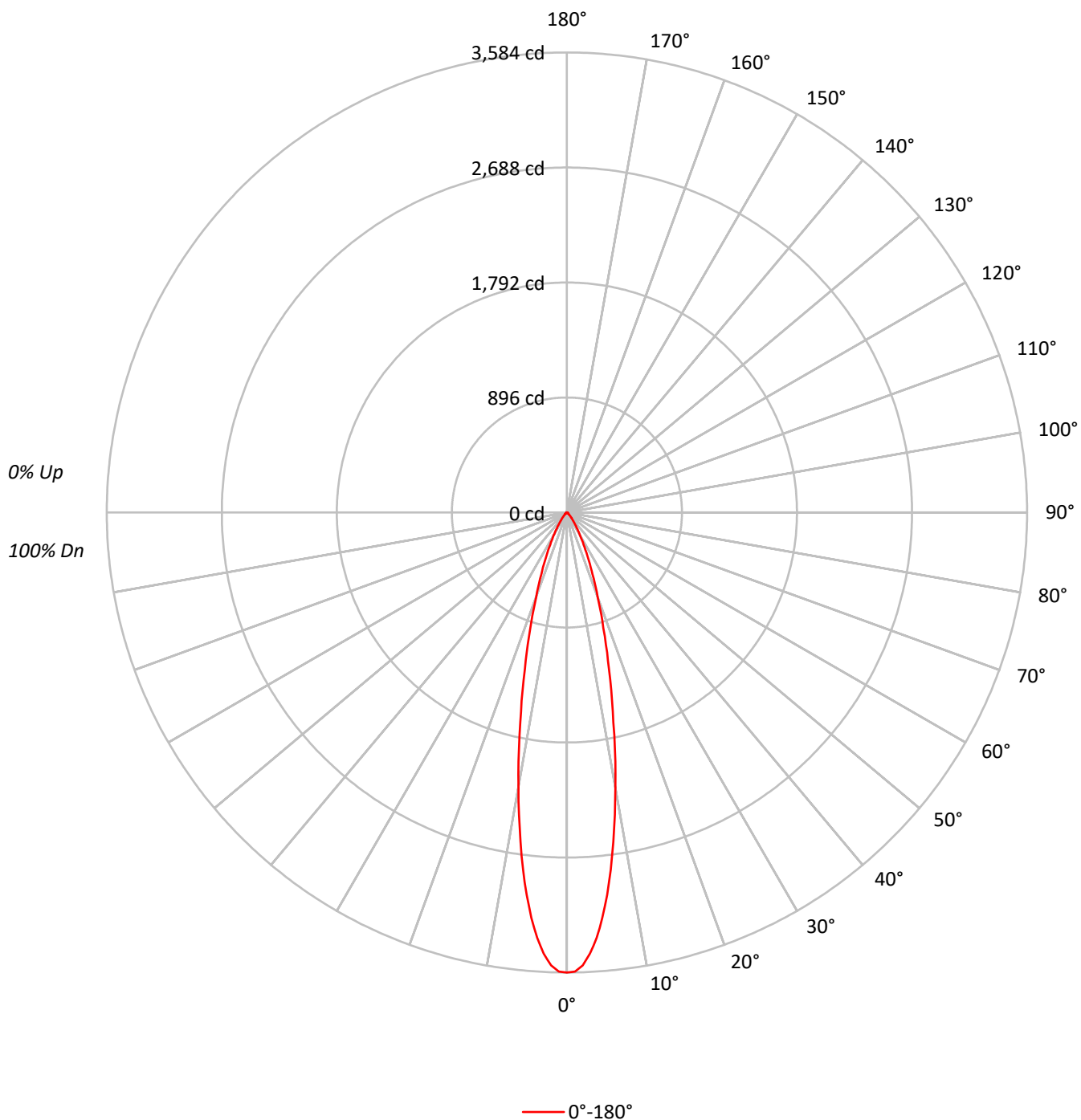
Lumens per Lamp: N/A
Luminaire Lumens: 920.0 lumens
Efficiency: N/A
Efficacy: 31.9 lumens/watt
Spacing Criteria (0/90/45): 0.4 / 0.4 / 0.43
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1250229

CATALOG NUMBER: P3AS24R159027D010 E3DL1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1250229

CATALOG NUMBER: P3AS24R159027D010 E3DL1GPH

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	114	112	110	108	112	110	108	106	106	104	103		102	101	100		99
2	110	106	103	100	108	104	101	99	101	99	97		98	96	95		96
3	106	101	97	93	104	99	96	93	97	94	91		94	92	90		92
4	102	96	92	88	100	95	91	88	93	89	87		91	88	86		89
5	98	92	87	84	97	91	87	83	89	85	83		88	84	82		86
6	95	88	83	80	94	87	83	80	86	82	79		85	81	79		83
7	92	85	80	77	91	84	80	76	83	79	76		82	78	76		81
8	89	81	77	74	88	81	77	73	80	76	73		79	75	73		78
9	86	79	74	71	85	78	74	71	77	73	71		77	73	70		76
10	84	76	71	68	83	76	71	68	75	71	68		74	71	68		74

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	785924
5°	697621
10°	484471
15°	286517
20°	163184
25°	93272
30°	51603
35°	27519
40°	15229
45°	8249
50°	5151
55°	4052
60°	3508
65°	3217
70°	2821
75°	2965
80°	2273
85°	2264

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 8249 cd/sqm

TEST NUMBER: P1250229

CATALOG NUMBER: P3AS24R159027D010 E3DL1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	269.5	29.3
10°-20°	355.7	38.7
20°-30°	183.1	19.9
30°-40°	68.8	7.5
40°-50°	22.5	2.4
50°-60°	9.7	1.1
60°-70°	6.1	0.7
70°-80°	3.6	0.4
80°-90°	1.0	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°	808.3	87.9
0°-40°	877.1	95.3
0°-60°	909.3	98.8
0°-90°	920.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	920.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3584	
5°	3169	270
15°	1262	356
25°	386	183
35°	103	69
45°	27	23
55°	11	10
65°	6	6
75°	4	4
85°	1	1
90°	0	

TEST NUMBER: P1250229

CATALOG NUMBER: P3AS24R159027D010 E3DL1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	3584.1
1°	3577.0
2°	3530.0
3°	3440.5
4°	3322.6
5°	3169.3
6°	2995.6
7°	2805.1
8°	2593.2
9°	2384.1
10°	2175.8
12.5°	1674.2
15°	1262.1
17.5°	944.8
20°	699.3
22.5°	522.0
25°	385.5
27.5°	280.9
30°	203.8
32.5°	144.5
35°	102.8
37.5°	73.6
40°	53.2
42.5°	38.1
45°	26.6
47.5°	19.5
50°	15.1
52.5°	12.4
55°	10.6
57.5°	8.9
60°	8.0
62.5°	7.1
65°	6.2
67.5°	5.3
70°	4.4
72.5°	4.4
75°	3.5
77.5°	2.7
80°	1.8
82.5°	1.8
85°	0.9
87.5°	0.0
90°	0.0

(END OF REPORT)