

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: P1255023

Luminaire Tested: P3AS17R259035DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255023
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R259035DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 90CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

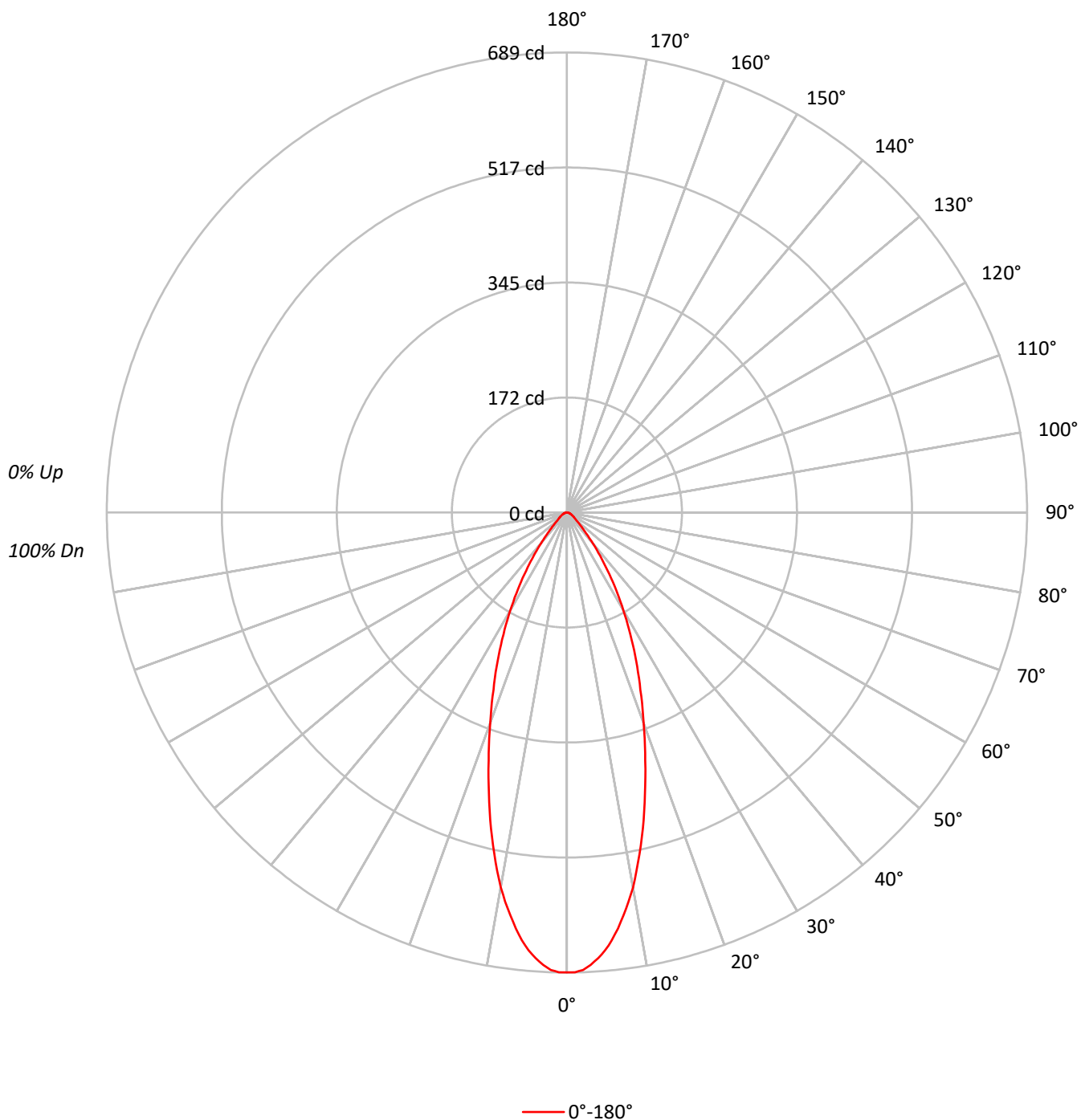
Lumens per Lamp: N/A
Luminaire Lumens: 416.0 lumens
Efficiency: N/A
Efficacy: 19.6 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.68
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
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: P1255023

CATALOG NUMBER: P3AS17R259035DE010 E3DLP1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1255023

CATALOG NUMBER: P3AS17R259035DE010 E3DLP1GPH

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	108	105	111	108	106	104	104	102	101		100	99	98		97
2	107	102	98	95	105	101	97	94	97	94	92		94	92	90		92
3	102	95	90	86	100	94	89	86	91	87	84		89	86	83		87
4	97	89	84	79	95	88	83	79	86	81	78		84	80	77		82
5	92	84	78	74	91	83	77	73	81	76	73		79	75	72		78
6	88	79	73	69	86	78	72	68	77	72	68		75	71	67		74
7	84	74	68	64	82	74	68	64	72	67	64		71	67	63		70
8	80	70	65	60	79	70	64	60	69	64	60		68	63	60		67
9	76	67	61	57	75	66	61	57	65	60	57		65	60	57		64
10	73	64	58	54	72	63	58	54	62	57	54		62	57	54		61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	151041
5°	144904
10°	126940
15°	102021
20°	78383
25°	59326
30°	42867
35°	28482
40°	17261
45°	10048
50°	6413
55°	5199
60°	4561
65°	4047
70°	3334
75°	3304
80°	2399
85°	3271

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 10048 cd/sqm

TEST NUMBER: P1255023

CATALOG NUMBER: P3AS17R259035DE010 E3DLP1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	59.9	14.4
10°-20°	124.3	29.9
20°-30°	112.4	27.0
30°-40°	67.5	16.2
40°-50°	26.8	6.4
50°-60°	12.4	3.0
60°-70°	7.5	1.8
70°-80°	4.0	1.0
80°-90°	1.1	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°	296.6	71.3
0°-40°	364.1	87.5
0°-60°	403.3	97.0
0°-90°	416.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	416.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	689	
5°	658	60
15°	449	124
25°	245	112
35°	106	68
45°	32	27
55°	14	12
65°	8	8
75°	4	4
85°	1	1
90°	0	

TEST NUMBER: P1255023

CATALOG NUMBER: P3AS17R259035DE010 E3DLP1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	688.8
1°	688.8
2°	685.5
3°	678.4
4°	669.3
5°	658.3
6°	644.0
7°	627.8
8°	609.0
9°	590.2
10°	570.1
11°	546.7
12°	522.7
13°	498.7
14°	474.7
15°	449.4
17.5°	389.8
20°	335.9
22.5°	287.3
25°	245.2
27.5°	205.6
30°	169.3
32.5°	136.2
35°	106.4
37.5°	81.1
40°	60.3
42.5°	44.1
45°	32.4
47.5°	24.6
50°	18.8
52.5°	15.6
55°	13.6
57.5°	11.7
60°	10.4
62.5°	8.4
65°	7.8
67.5°	6.5
70°	5.2
72.5°	4.5
75°	3.9
77.5°	3.2
80°	1.9
82.5°	1.3
85°	1.3
87.5°	0.6



TEST NUMBER: P1255023

CATALOG NUMBER: P3AS17R259035DE010 E3DLP1GPH

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)