

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: P1249601

Luminaire Tested: P3AS17R259027DE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1249601
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: P3AS17R259027DE010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R25 optic, 2700K CCT AND, 90CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

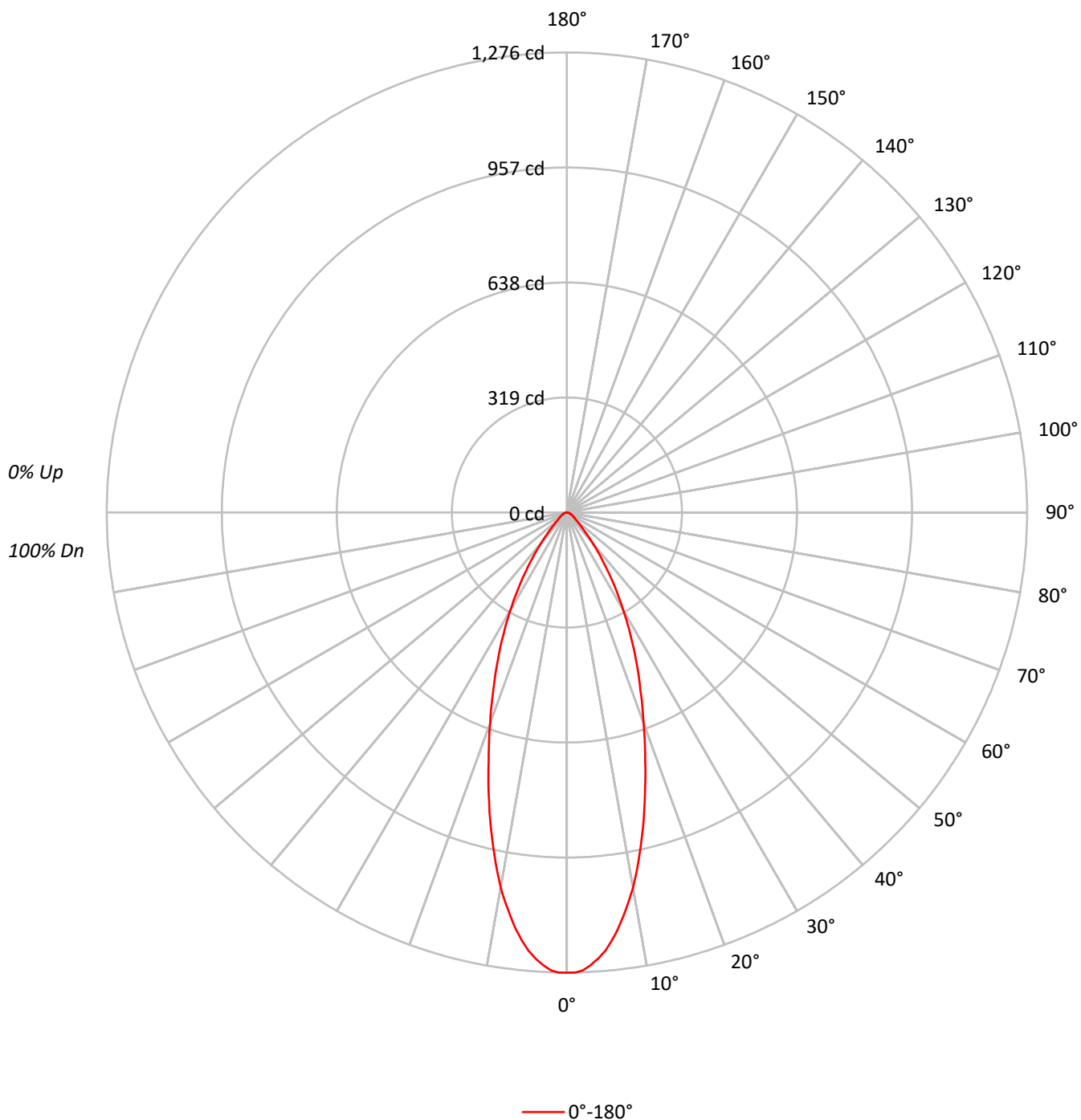
Lumens per Lamp: N/A
Luminaire Lumens: 770.9 lumens
Efficiency: N/A
Efficacy: 36.4 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.68
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1249601

CATALOG NUMBER: P3AS17R259027DE010 E3DL1WH

Luminous Intensity Polar Plot



TEST NUMBER: P1249601

CATALOG NUMBER: P3AS17R259027DE010 E3DL1WH

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°	279912
5°	268544
10°	235266
15°	189104
20°	145286
25°	109942
30°	79430
35°	52762
40°	32003
45°	18638
50°	11906
55°	9634
60°	8420
65°	7472
70°	6155
75°	6100
80°	4546
85°	6038

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 18638 cd/sqm

TEST NUMBER: P1249601

CATALOG NUMBER: P3AS17R259027DE010 E3DL1WH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	111.1	14.4
10°-20°	230.3	29.9
20°-30°	208.3	27.0
30°-40°	125.1	16.2
40°-50°	49.7	6.4
50°-60°	22.9	3.0
60°-70°	13.9	1.8
70°-80°	7.4	1.0
80°-90°	2.1	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°	549.7	71.3
0°-40°	674.8	87.5
0°-60°	747.4	97.0
0°-90°	770.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	770.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1276	
5°	1220	111
15°	833	230
25°	454	208
35°	197	125
45°	60	50
55°	25	23
65°	14	14
75°	7	7
85°	2	2
90°	0	

TEST NUMBER: P1249601

CATALOG NUMBER: P3AS17R259027DE010 E3DL1WH

CANDELA DISTRIBUTION (FULL):

0°	
0°	1276.5
1°	1276.5
2°	1270.5
3°	1257.3
4°	1240.5
5°	1220.0
6°	1193.6
7°	1163.5
8°	1128.7
9°	1093.8
10°	1056.6
11°	1013.3
12°	968.8
13°	924.3
14°	879.9
15°	833.0
17.5°	722.4
20°	622.6
22.5°	532.5
25°	454.4
27.5°	381.0
30°	313.7
32.5°	252.4
35°	197.1
37.5°	150.2
40°	111.8
42.5°	81.7
45°	60.1
47.5°	45.7
50°	34.9
52.5°	28.8
55°	25.2
57.5°	21.6
60°	19.2
62.5°	15.6
65°	14.4
67.5°	12.0
70°	9.6
72.5°	8.4
75°	7.2
77.5°	6.0
80°	3.6
82.5°	2.4
85°	2.4
87.5°	1.2



TEST NUMBER: P1249601

CATALOG NUMBER: P3AS17R259027DE010 E3DL1WH

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)