

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: P1249434

Luminaire Tested: P3AS13R609027DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1249434
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-38)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R609027DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R60 optic, 2700K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

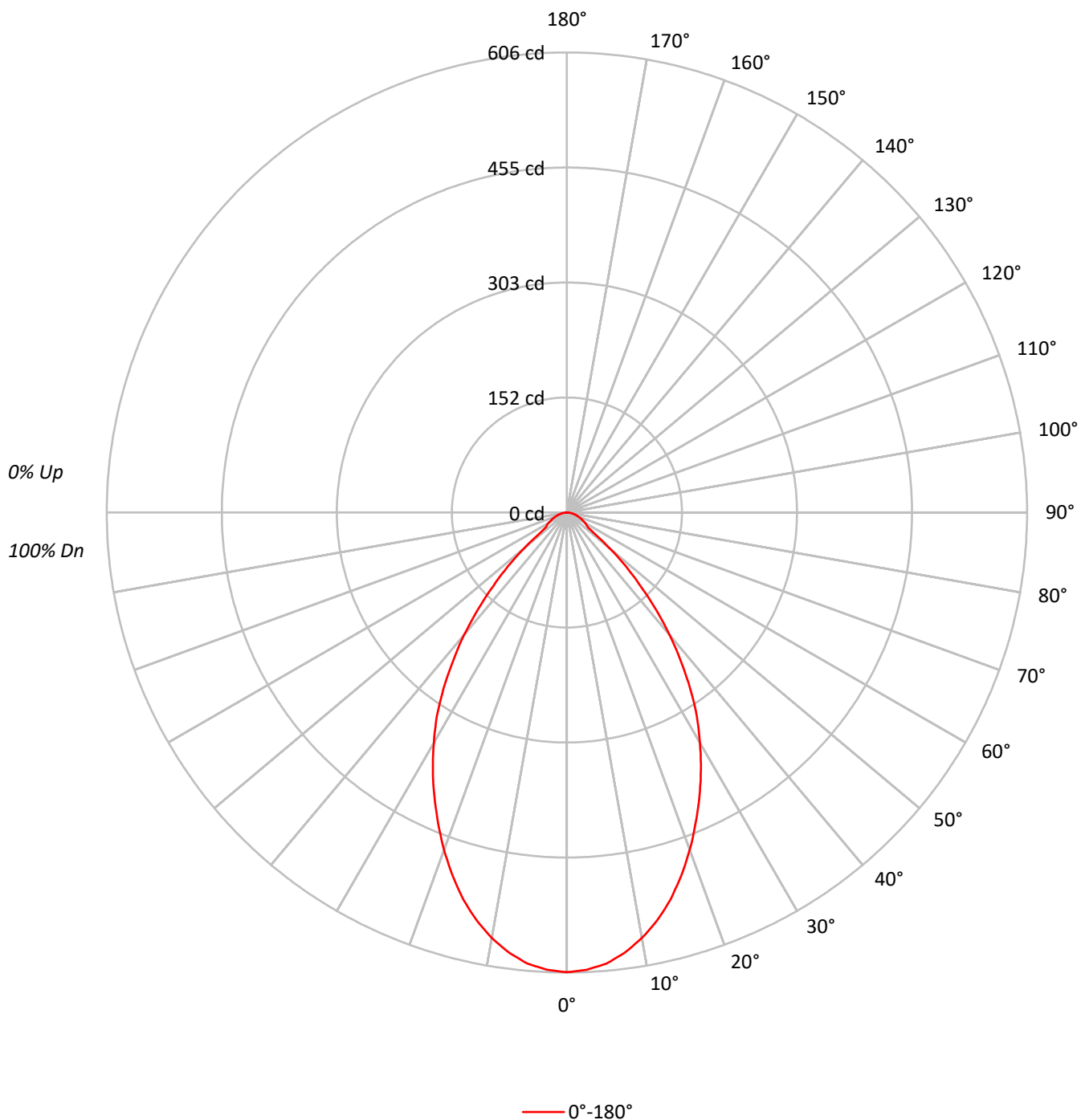
Lumens per Lamp: N/A
Luminaire Lumens: 748.0 lumens
Efficiency: N/A
Efficacy: 51.2 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
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

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Luminous Intensity Polar Plot



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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
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	112	109	106	103	110	107	104	101	102	100	98		99	97	95		95
2	105	99	94	90	103	97	93	89	94	90	87		91	88	85		88
3	99	91	85	80	96	89	84	79	87	82	78		84	80	77		82
4	92	83	77	72	90	82	76	71	80	75	70		78	73	70		76
5	87	77	70	65	85	76	69	65	74	68	64		72	67	63		71
6	82	71	64	59	80	70	64	59	69	63	58		67	62	58		66
7	77	66	59	54	75	65	59	54	64	58	54		63	57	53		61
8	72	61	55	50	71	61	54	50	60	54	49		59	53	49		58
9	68	57	51	46	67	57	50	46	56	50	46		55	49	46		54
10	65	54	47	43	64	53	47	43	52	47	43		52	46	42		51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	132774
5°	131301
10°	126740
15°	119751
20°	110376
25°	99949
30°	88723
35°	75810
40°	60284
45°	42516
50°	25381
55°	12845
60°	12324
65°	11311
70°	10450
75°	9997
80°	9218
85°	6793

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 42516 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	56.0	7.5
10°-20°	147.4	19.7
20°-30°	189.3	25.3
30°-40°	175.5	23.5
40°-50°	106.8	14.3
50°-60°	35.6	4.8
60°-70°	21.7	2.9
70°-80°	12.2	1.6
80°-90°	3.4	0.5
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°	392.7	52.5
0°-40°	568.2	76.0
0°-60°	710.7	95.0
0°-90°	748.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	748.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	606	
5°	596	56
15°	528	147
25°	413	189
35°	283	175
45°	137	107
55°	34	36
65°	22	22
75°	12	12
85°	3	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	605.5
2.5°	602.8
5°	596.5
7.5°	584.6
10°	569.2
12.5°	550.2
15°	527.5
17.5°	501.1
20°	473.0
22.5°	443.0
25°	413.1
27.5°	382.2
30°	350.4
32.5°	318.7
35°	283.2
37.5°	246.0
40°	210.6
42.5°	173.4
45°	137.1
47.5°	106.2
50°	74.4
52.5°	44.5
55°	33.6
57.5°	30.9
60°	28.1
62.5°	24.5
65°	21.8
67.5°	19.1
70°	16.3
72.5°	13.6
75°	11.8
77.5°	9.1
80°	7.3
82.5°	4.5
85°	2.7
87.5°	1.8
90°	0.0

(END OF REPORT)