

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: P1249839

Luminaire Tested: P3AS17R659027DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1249839
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-42)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R659027DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R65 optic, 2700K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

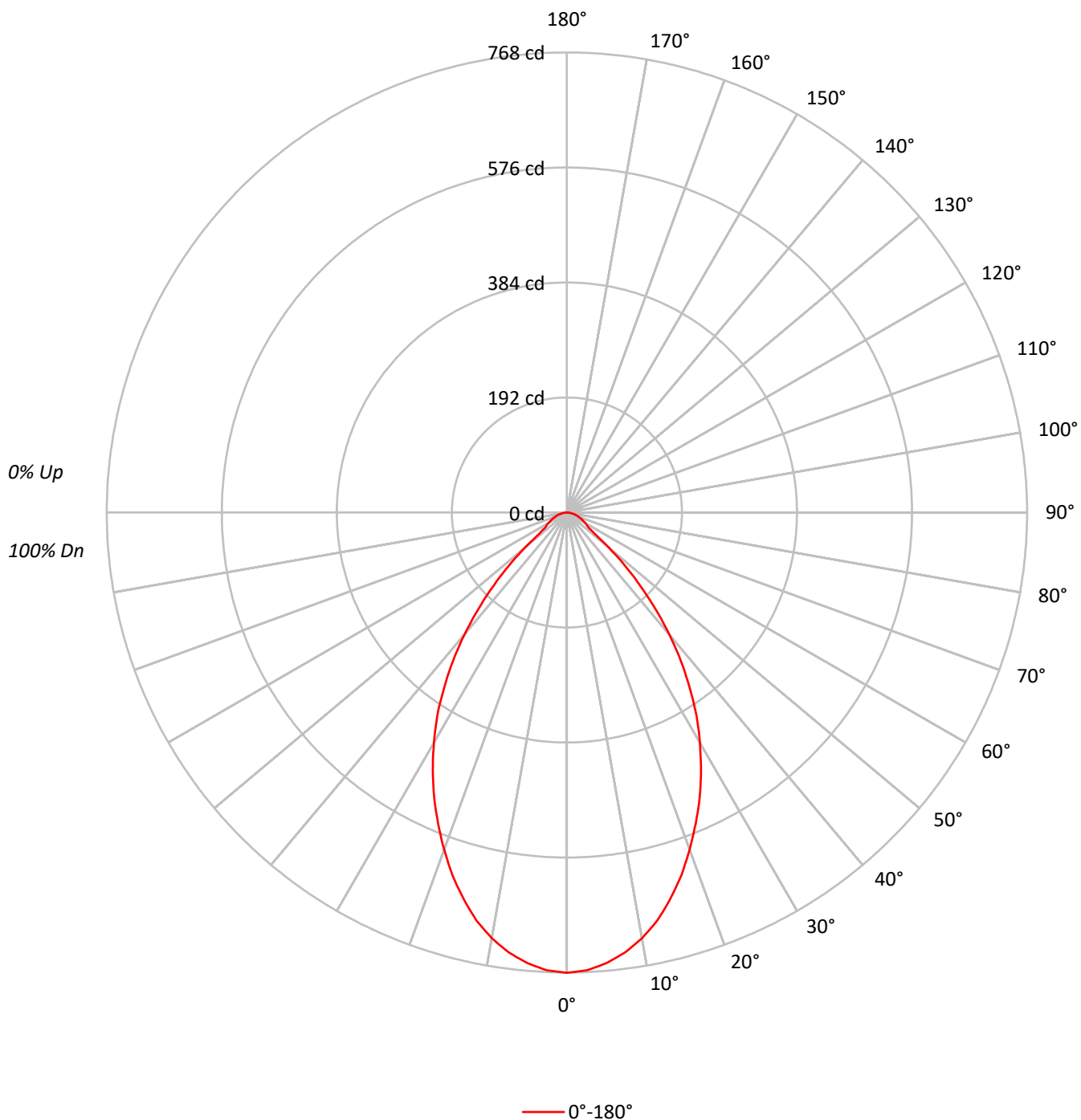
Lumens per Lamp: N/A
Luminaire Lumens: 947.0 lumens
Efficiency: N/A
Efficacy: 44.7 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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

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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°	168517
5°	166255
10°	160674
15°	151533
20°	139755
25°	126878
30°	112372
35°	95620
40°	76085
45°	53711
50°	31180
55°	17013
60°	15832
65°	14372
70°	13079
75°	12200
80°	10607
85°	9057

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 53711 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	71.0	7.5
10°-20°	186.7	19.7
20°-30°	240.0	25.3
30°-40°	222.0	23.4
40°-50°	134.0	14.2
50°-60°	45.7	4.8
60°-70°	27.5	2.9
70°-80°	15.5	1.6
80°-90°	4.4	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°	497.8	52.6
0°-40°	719.8	76.0
0°-60°	899.5	95.0
0°-90°	947.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	947.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	768	
5°	755	71
15°	668	187
25°	524	240
35°	357	222
45°	173	134
55°	44	46
65°	28	28
75°	14	16
85°	4	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	768.5
2.5°	764.9
5°	755.3
7.5°	740.9
10°	721.6
12.5°	697.6
15°	667.5
17.5°	635.0
20°	598.9
22.5°	561.7
25°	524.4
27.5°	484.7
30°	443.8
32.5°	402.9
35°	357.2
37.5°	312.7
40°	265.8
42.5°	218.9
45°	173.2
47.5°	131.1
50°	91.4
52.5°	57.7
55°	44.5
57.5°	39.7
60°	36.1
62.5°	31.3
65°	27.7
67.5°	24.1
70°	20.4
72.5°	18.0
75°	14.4
77.5°	12.0
80°	8.4
82.5°	6.0
85°	3.6
87.5°	2.4
90°	0.0

(END OF REPORT)