

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: P1274544

Luminaire Tested: P3AS17R609830DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1274544
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: P3AS17R609830DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R60 optic, 3000K CCT AND, 98CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

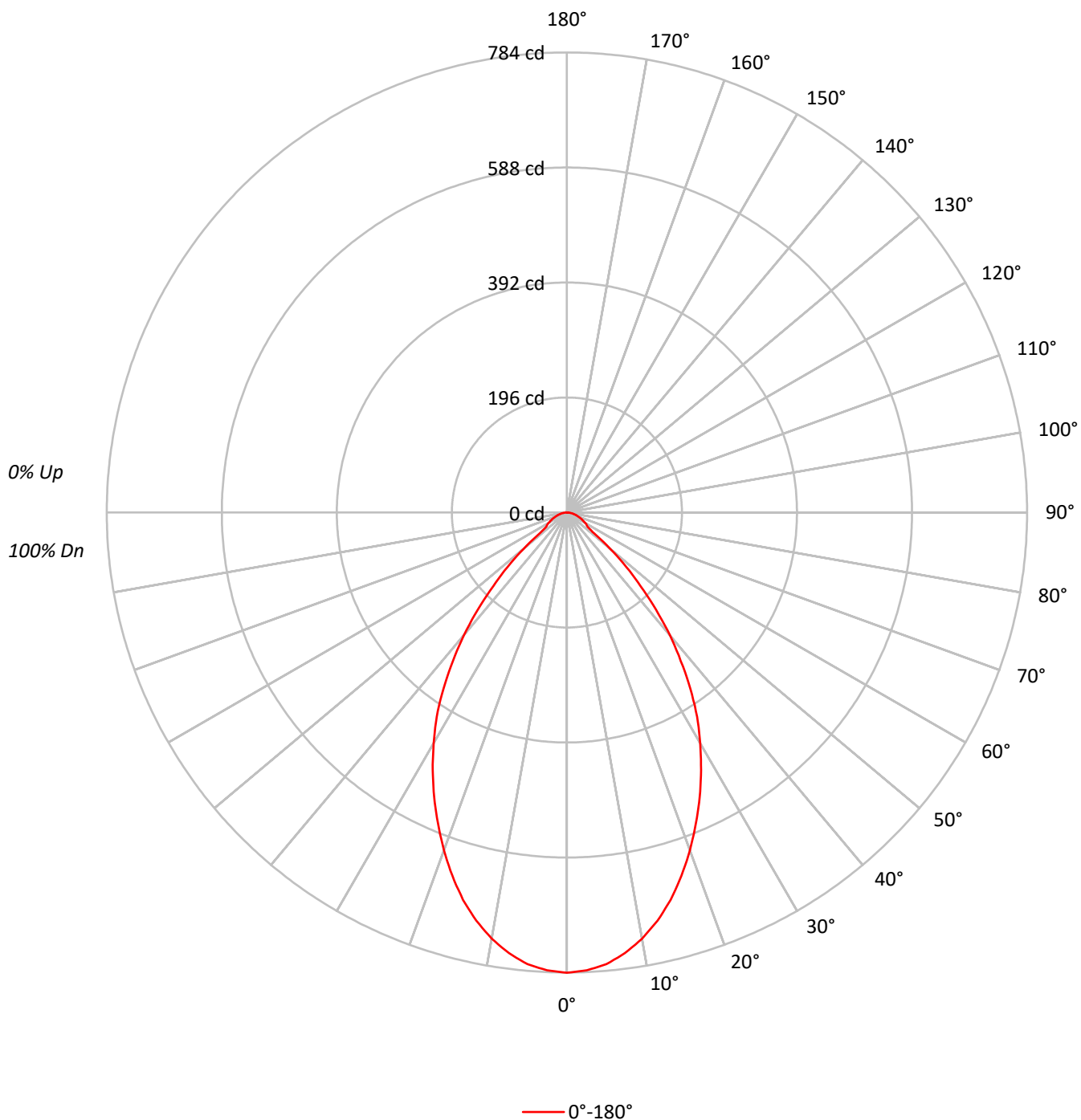
Lumens per Lamp: N/A
Luminaire Lumens: 969.0 lumens
Efficiency: N/A
Efficacy: 47.5 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 20.4
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°	172004
5°	170085
10°	164192
15°	155120
20°	142976
25°	129467
30°	114954
35°	98216
40°	78089
45°	55075
50°	32886
55°	16630
60°	16007
65°	14632
70°	13592
75°	12963
80°	11870
85°	8806

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 55075 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	72.6	7.5
10°-20°	191.0	19.7
20°-30°	245.2	25.3
30°-40°	227.3	23.5
40°-50°	138.4	14.3
50°-60°	46.1	4.8
60°-70°	28.1	2.9
70°-80°	15.8	1.6
80°-90°	4.5	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°	508.8	52.5
0°-40°	736.1	76.0
0°-60°	920.6	95.0
0°-90°	969.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	969.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	784	
5°	773	73
15°	683	191
25°	535	245
35°	367	227
45°	178	138
55°	44	46
65°	28	28
75°	15	16
85°	4	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	784.4
2.5°	780.9
5°	772.7
7.5°	757.4
10°	737.4
12.5°	712.7
15°	683.3
17.5°	649.2
20°	612.7
22.5°	573.9
25°	535.1
27.5°	495.1
30°	454.0
32.5°	412.8
35°	366.9
37.5°	318.7
40°	272.8
42.5°	224.6
45°	177.6
47.5°	137.6
50°	96.4
52.5°	57.6
55°	43.5
57.5°	40.0
60°	36.5
62.5°	31.8
65°	28.2
67.5°	24.7
70°	21.2
72.5°	17.6
75°	15.3
77.5°	11.8
80°	9.4
82.5°	5.9
85°	3.5
87.5°	2.4
90°	0.0

(END OF REPORT)