

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: P1274400

Luminaire Tested: P3AS17R359830DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1274400
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-18)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R359830DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 98CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

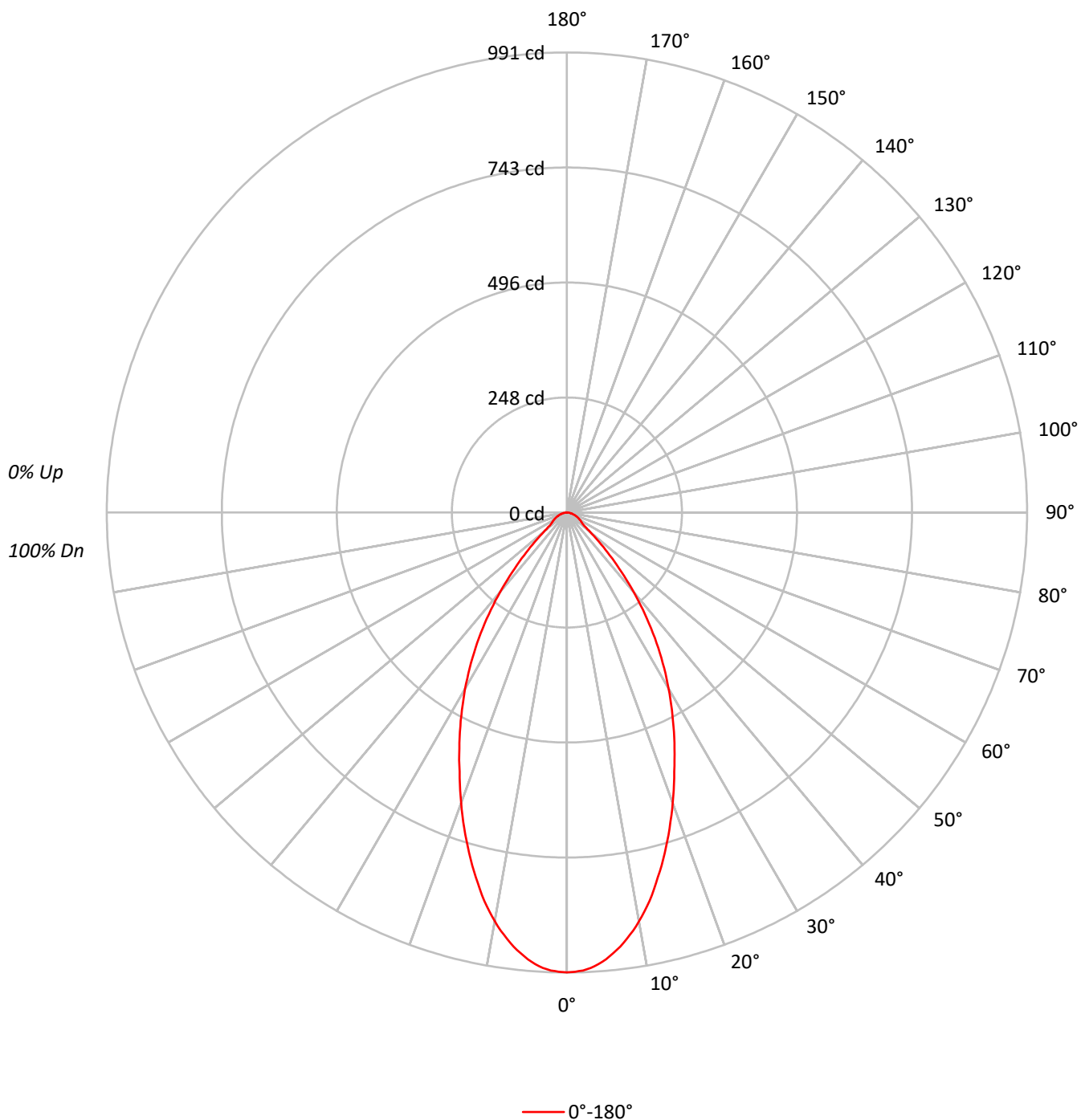
Lumens per Lamp: N/A
Luminaire Lumens: 951.0 lumens
Efficiency: N/A
Efficacy: 46.6 lumens/watt
Spacing Criteria (0/90/45): 0.8 / 0.8 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	104	110	107	104	102	103	101	99		99	98	96		96
2	106	100	96	92	104	98	94	91	95	92	89		92	89	87		89
3	100	92	87	82	98	91	86	81	88	84	80		86	82	79		83
4	94	85	79	74	92	84	78	74	82	77	73		80	75	72		78
5	89	79	73	68	87	78	72	67	76	71	67		75	70	66		73
6	84	74	67	62	82	73	67	62	71	66	61		70	65	61		68
7	79	69	62	57	78	68	62	57	67	61	57		65	60	57		64
8	75	64	58	53	74	64	57	53	63	57	53		62	56	53		61
9	71	60	54	50	70	60	54	50	59	53	49		58	53	49		57
10	67	57	51	46	66	56	50	46	56	50	46		55	50	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	217241
5°	212634
10°	199128
15°	178752
20°	155484
25°	132492
30°	110979
35°	88392
40°	63920
45°	40438
50°	22038
55°	15292
60°	14429
65°	13439
70°	12823
75°	10929
80°	10355
85°	8806

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 40438 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	89.9	9.5
10°-20°	219.1	23.0
20°-30°	251.1	26.4
30°-40°	204.9	21.5
40°-50°	103.3	10.9
50°-60°	38.4	4.0
60°-70°	25.7	2.7
70°-80°	14.3	1.5
80°-90°	4.3	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°	560.1	58.9
0°-40°	765.0	80.4
0°-60°	906.7	95.3
0°-90°	951.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	951.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	991	
5°	966	90
15°	787	219
25°	548	251
35°	330	205
45°	130	103
55°	40	38
65°	26	26
75°	13	14
85°	4	4
90°	0	

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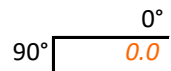
CANDELA DISTRIBUTION (FULL):

0°	
0°	990.7
1°	989.5
2°	987.2
3°	982.5
4°	975.4
5°	966.0
6°	954.2
7°	942.5
8°	927.2
9°	911.9
10°	894.3
11°	875.5
12°	855.5
13°	833.2
14°	809.7
15°	787.4
17.5°	727.4
20°	666.3
22.5°	604.0
25°	547.6
27.5°	492.4
30°	438.3
32.5°	384.3
35°	330.2
37.5°	276.2
40°	223.3
42.5°	173.9
45°	130.4
47.5°	94.0
50°	64.6
52.5°	47.0
55°	40.0
57.5°	36.4
60°	32.9
62.5°	29.4
65°	25.9
67.5°	22.3
70°	20.0
72.5°	16.5
75°	12.9
77.5°	10.6
80°	8.2
82.5°	5.9
85°	3.5
87.5°	2.4



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)