

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: P1250011

Luminaire Tested: P3AS20R359027D010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1250011
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: P3AS20R359027D010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 2700K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

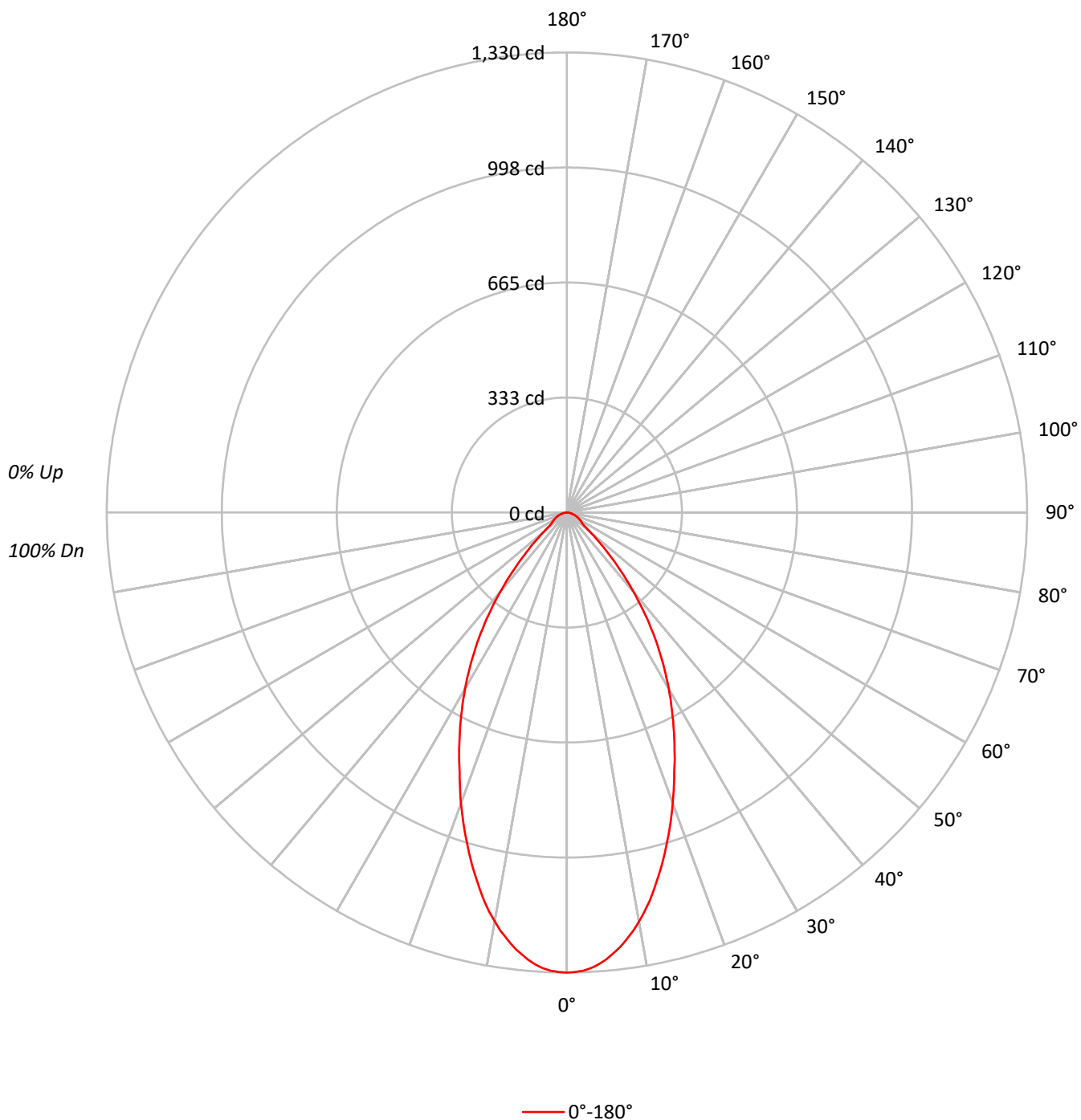
Lumens per Lamp: N/A
Luminaire Lumens: 1277.0 lumens
Efficiency: N/A
Efficacy: 44.3 lumens/watt
Spacing Criteria (0/90/45): 0.8 / 0.8 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
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°	291709
5°	285515
10°	267397
15°	240024
20°	208781
25°	177930
30°	149036
35°	118695
40°	85818
45°	54331
50°	29611
55°	20530
60°	19384
65°	18005
70°	17182
75°	14742
80°	13891
85°	11825

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 54331 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	120.7	9.5
10°-20°	294.2	23.0
20°-30°	337.2	26.4
30°-40°	275.1	21.5
40°-50°	138.7	10.9
50°-60°	51.5	4.0
60°-70°	34.6	2.7
70°-80°	19.1	1.5
80°-90°	5.8	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°	752.1	58.9
0°-40°	1027.2	80.4
0°-60°	1217.5	95.3
0°-90°	1277.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1277.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1330	
5°	1297	121
15°	1057	294
25°	735	337
35°	443	275
45°	175	139
55°	54	52
65°	35	35
75°	17	19
85°	5	6
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1330.3
1°	1328.7
2°	1325.5
3°	1319.2
4°	1309.8
5°	1297.1
6°	1281.4
7°	1265.6
8°	1245.1
9°	1224.6
10°	1200.9
11°	1175.6
12°	1148.8
13°	1118.8
14°	1087.3
15°	1057.3
17.5°	976.8
20°	894.7
22.5°	811.1
25°	735.4
27.5°	661.2
30°	588.6
32.5°	516.0
35°	443.4
37.5°	370.8
40°	299.8
42.5°	233.5
45°	175.2
47.5°	126.2
50°	86.8
52.5°	63.1
55°	53.7
57.5°	48.9
60°	44.2
62.5°	39.5
65°	34.7
67.5°	30.0
70°	26.8
72.5°	22.1
75°	17.4
77.5°	14.2
80°	11.0
82.5°	7.9
85°	4.7
87.5°	3.2



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)