

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: P1252891

Luminaire Tested: P3AS20R659030D010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1252891
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: P3AS20R659030D010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R65 optic, 3000K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

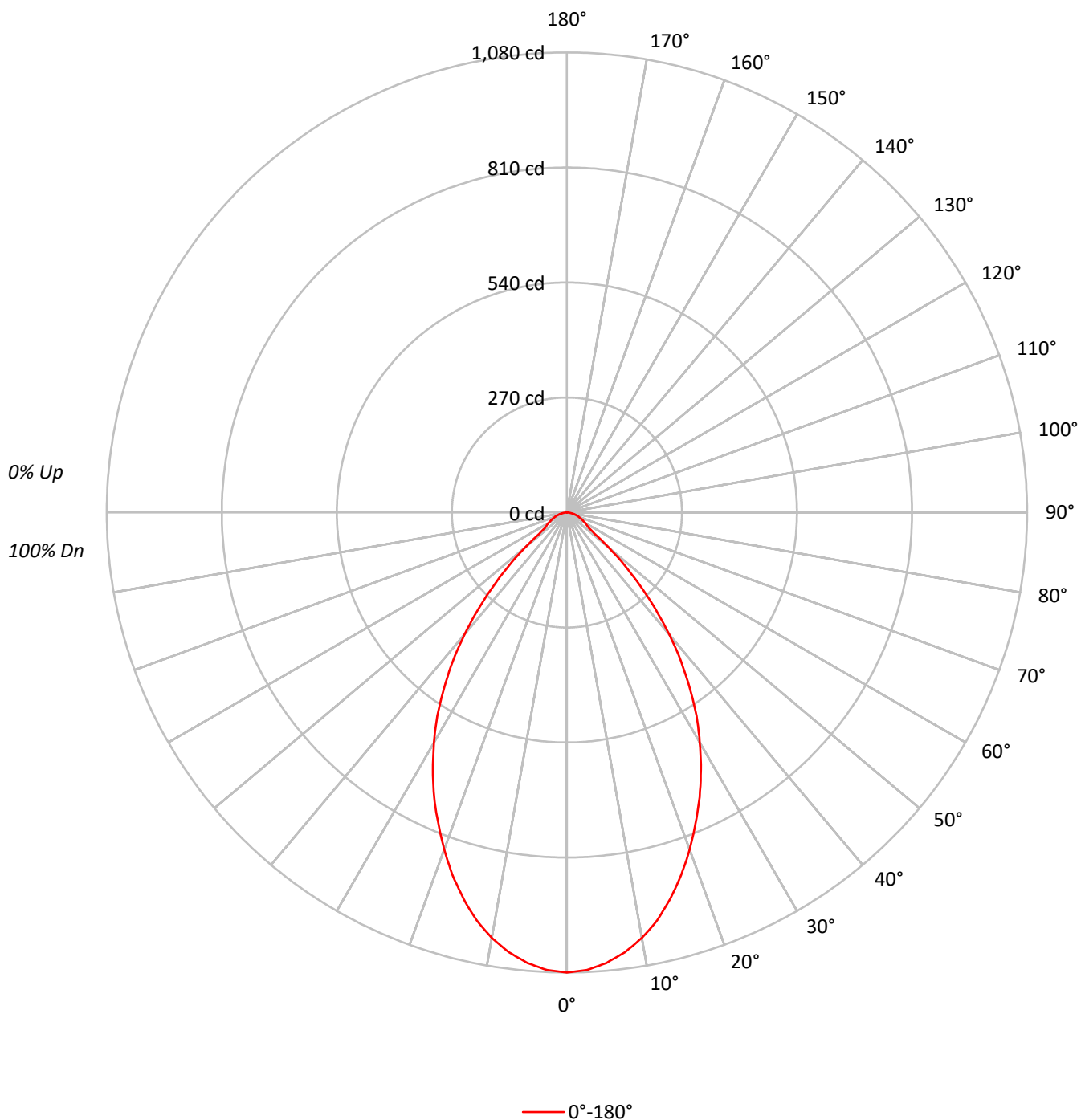
Lumens per Lamp: N/A
Luminaire Lumens: 1331.0 lumens
Efficiency: N/A
Efficacy: 46.2 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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	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°	236867
5°	233678
10°	225825
15°	212986
20°	196437
25°	178317
30°	157948
35°	134382
40°	106943
45°	75481
50°	43837
55°	23894
60°	22235
65°	20184
70°	18401
75°	17199
80°	14901
85°	12831

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 75481 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	99.8	7.5
10°-20°	262.5	19.7
20°-30°	337.3	25.3
30°-40°	312.0	23.4
40°-50°	188.4	14.2
50°-60°	64.2	4.8
60°-70°	38.7	2.9
70°-80°	21.8	1.6
80°-90°	6.2	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°	699.6	52.6
0°-40°	1011.7	76.0
0°-60°	1264.3	95.0
0°-90°	1331.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1331.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1080	
5°	1062	100
15°	938	262
25°	737	337
35°	502	312
45°	243	188
55°	62	64
65°	39	39
75°	20	22
85°	5	6
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	1080.2
2.5°	1075.1
5°	1061.6
7.5°	1041.3
10°	1014.2
12.5°	980.4
15°	938.2
17.5°	892.5
20°	841.8
22.5°	789.4
25°	737.0
27.5°	681.2
30°	623.8
32.5°	566.3
35°	502.0
37.5°	439.5
40°	373.6
42.5°	307.7
45°	243.4
47.5°	184.3
50°	128.5
52.5°	81.1
55°	62.5
57.5°	55.8
60°	50.7
62.5°	44.0
65°	38.9
67.5°	33.8
70°	28.7
72.5°	25.4
75°	20.3
77.5°	16.9
80°	11.8
82.5°	8.5
85°	5.1
87.5°	3.4
90°	0.0

(END OF REPORT)