

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: P1260642

Luminaire Tested: P3AS20R209050D010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1260642
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-6)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R209050D010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 5000K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

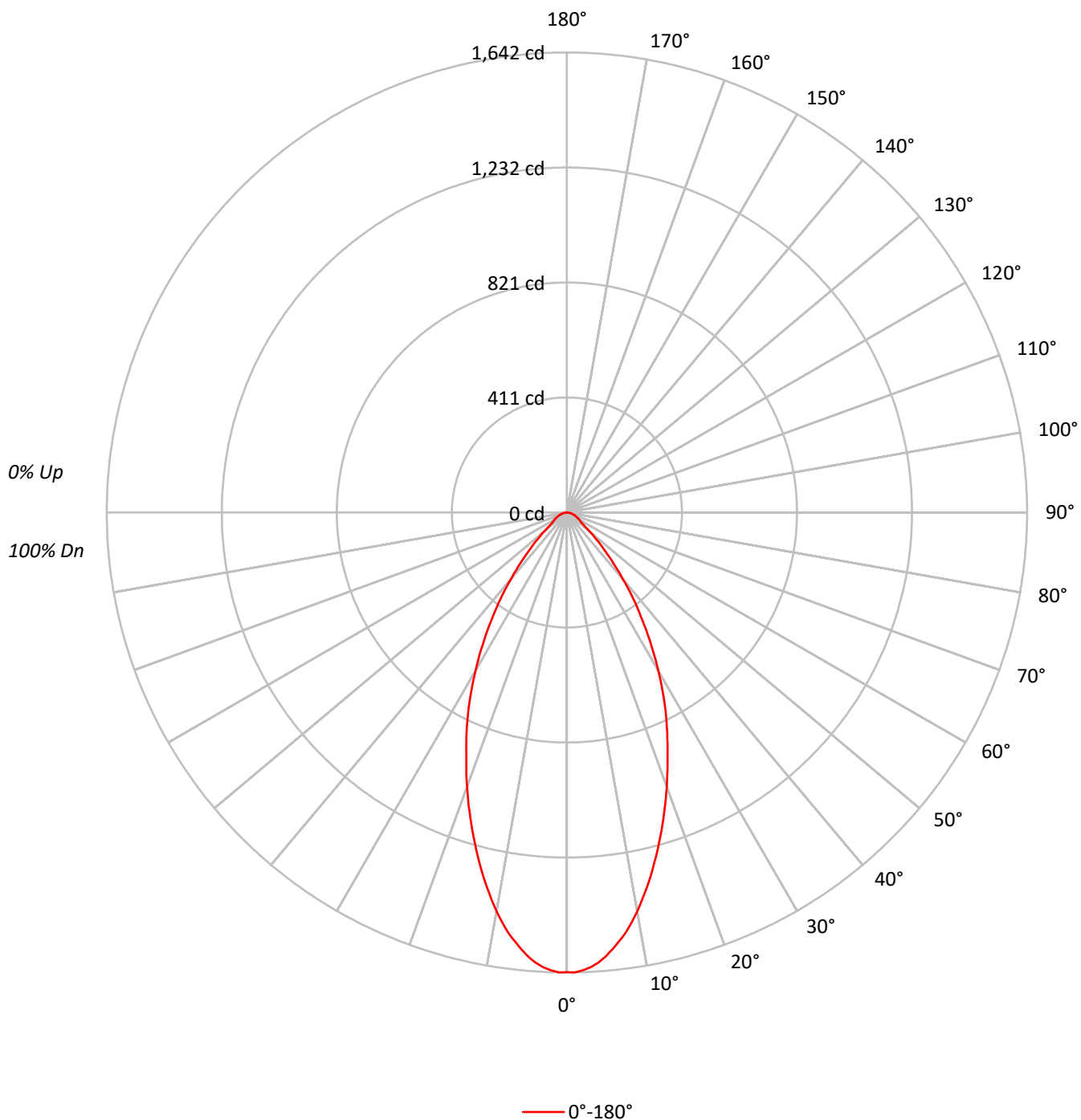
Lumens per Lamp: N/A
Luminaire Lumens: 1453.9 lumens
Efficiency: N/A
Efficacy: 50.5 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	113	109	106	104	110	107	105	102	103	101	99		99	98	96		96
2	106	100	96	92	104	99	94	91	95	92	89		92	89	87		90
3	100	93	87	82	98	91	86	82	88	84	80		86	82	79		84
4	94	86	79	75	92	85	79	74	82	77	73		80	76	72		78
5	89	80	73	68	87	79	73	68	77	71	67		75	70	67		73
6	84	74	68	63	82	73	67	63	72	66	62		70	65	62		69
7	80	69	63	58	78	69	62	58	67	62	58		66	61	57		65
8	75	65	59	54	74	64	58	54	63	58	54		62	57	53		61
9	72	61	55	50	70	61	55	50	60	54	50		59	54	50		58
10	68	58	51	47	67	57	51	47	56	51	47		56	51	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	359642
5°	350054
10°	322016
15°	283452
20°	243084
25°	204230
30°	165089
35°	125574
40°	89339
45°	58983
50°	36536
55°	24009
60°	21884
65°	20132
70°	18978
75°	17199
80°	16290
85°	13838

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 58983 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	147.1	10.1
10°-20°	347.6	23.9
20°-30°	385.8	26.5
30°-40°	294.3	20.2
40°-50°	150.7	10.4
50°-60°	61.9	4.3
60°-70°	38.6	2.7
70°-80°	21.7	1.5
80°-90°	6.2	0.4
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°	880.5	60.6
0°-40°	1174.8	80.8
0°-60°	1387.4	95.4
0°-90°	1453.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1453.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1640	
5°	1590	147
15°	1249	348
25°	844	386
35°	469	294
45°	190	151
55°	63	62
65°	39	39
75°	20	22
85°	6	6
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1640.1
1°	1642.0
2°	1634.6
3°	1625.3
4°	1610.6
5°	1590.3
6°	1566.2
7°	1540.4
8°	1512.7
9°	1479.4
10°	1446.2
12.5°	1350.1
15°	1248.6
17.5°	1145.1
20°	1041.7
22.5°	938.3
25°	844.1
27.5°	749.9
30°	652.0
32.5°	559.6
35°	469.1
37.5°	389.7
40°	312.1
42.5°	245.6
45°	190.2
47.5°	144.1
50°	107.1
52.5°	79.4
55°	62.8
57.5°	57.3
60°	49.9
62.5°	44.3
65°	38.8
67.5°	33.2
70°	29.6
72.5°	24.0
75°	20.3
77.5°	16.6
80°	12.9
82.5°	9.2
85°	5.5
87.5°	1.8
90°	0.0

(END OF REPORT)