

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: P1260638

Luminaire Tested: P3AS20R209050D010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1260638
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-7)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R209050D010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R20 optic, 5000K CCT AND, 90CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

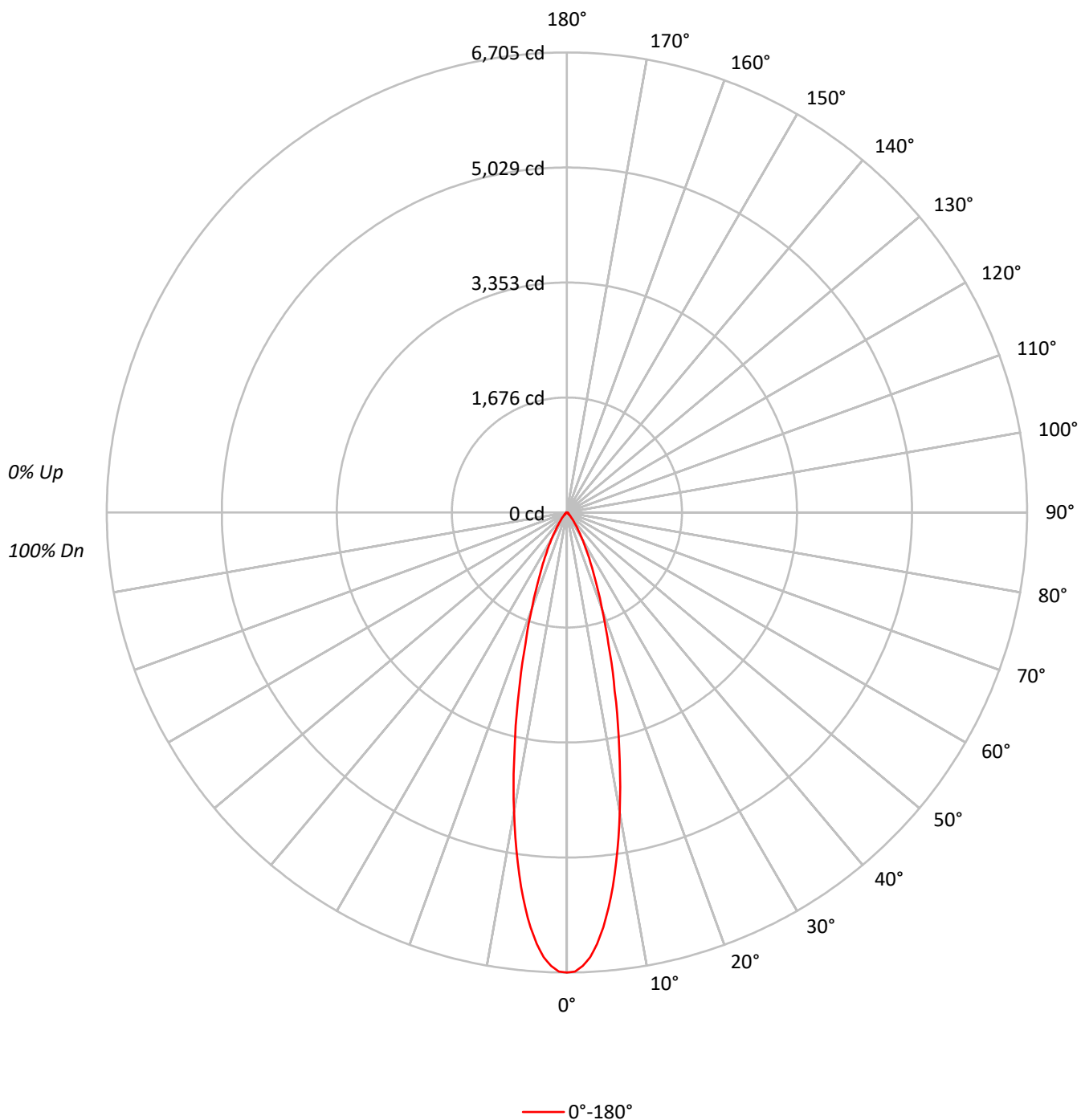
Lumens per Lamp: N/A
Luminaire Lumens: 1911.0 lumens
Efficiency: N/A
Efficacy: 66.4 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.44 / 0.46
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	114	112	110	108	112	110	108	106	106	104	103		102	101	100		99
2	110	106	102	100	108	104	101	98	101	98	96		98	96	94		95
3	106	100	96	93	104	99	95	92	97	93	91		94	92	89		92
4	102	96	91	88	100	95	90	87	92	89	86		91	88	85		89
5	98	91	87	83	97	90	86	83	89	85	82		87	84	81		86
6	95	87	83	79	93	87	82	79	85	81	78		84	81	78		83
7	91	84	79	76	90	83	79	76	82	78	75		81	78	75		80
8	88	81	76	73	87	80	76	73	79	75	72		78	75	72		78
9	85	78	73	70	85	77	73	70	77	73	70		76	72	69		75
10	83	75	71	68	82	75	70	67	74	70	67		73	70	67		73

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1470299
5°	1336536
10°	987780
15°	611036
20°	348957
25°	199221
30°	111713
35°	60793
40°	33291
45°	18327
50°	10712
55°	7761
60°	7280
65°	6693
70°	5898
75°	6270
80°	4672
85°	4529

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 18327 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	525.8	27.5
10°-20°	750.6	39.3
20°-30°	391.8	20.5
30°-40°	151.5	7.9
40°-50°	49.2	2.6
50°-60°	19.4	1.0
60°-70°	12.8	0.7
70°-80°	7.5	0.4
80°-90°	2.5	0.1
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°	1668.2	87.3
0°-40°	1819.7	95.2
0°-60°	1888.2	98.8
0°-90°	1911.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1911.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	6705	
5°	6072	526
15°	2692	751
25°	823	392
35°	227	151
45°	59	49
55°	20	19
65°	13	13
75°	7	8
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	6705.1
1°	6692.2
2°	6612.8
3°	6490.9
4°	6302.6
5°	6071.9
6°	5798.6
7°	5495.9
8°	5145.1
9°	4803.6
10°	4436.2
12.5°	3526.1
15°	2691.6
17.5°	2014.1
20°	1495.4
22.5°	1107.7
25°	823.4
27.5°	607.4
30°	441.2
32.5°	319.4
35°	227.1
37.5°	164.3
40°	116.3
42.5°	83.1
45°	59.1
47.5°	42.5
50°	31.4
52.5°	24.0
55°	20.3
57.5°	18.5
60°	16.6
62.5°	14.8
65°	12.9
67.5°	11.1
70°	9.2
72.5°	9.2
75°	7.4
77.5°	5.5
80°	3.7
82.5°	3.7
85°	1.8
87.5°	1.8
90°	0.0

(END OF REPORT)