

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: P1250716

Luminaire Tested: P3AS02R209030DE010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1250716
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: P3AS02R209030DE010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R20 optic, 3000K CCT AND, 90CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

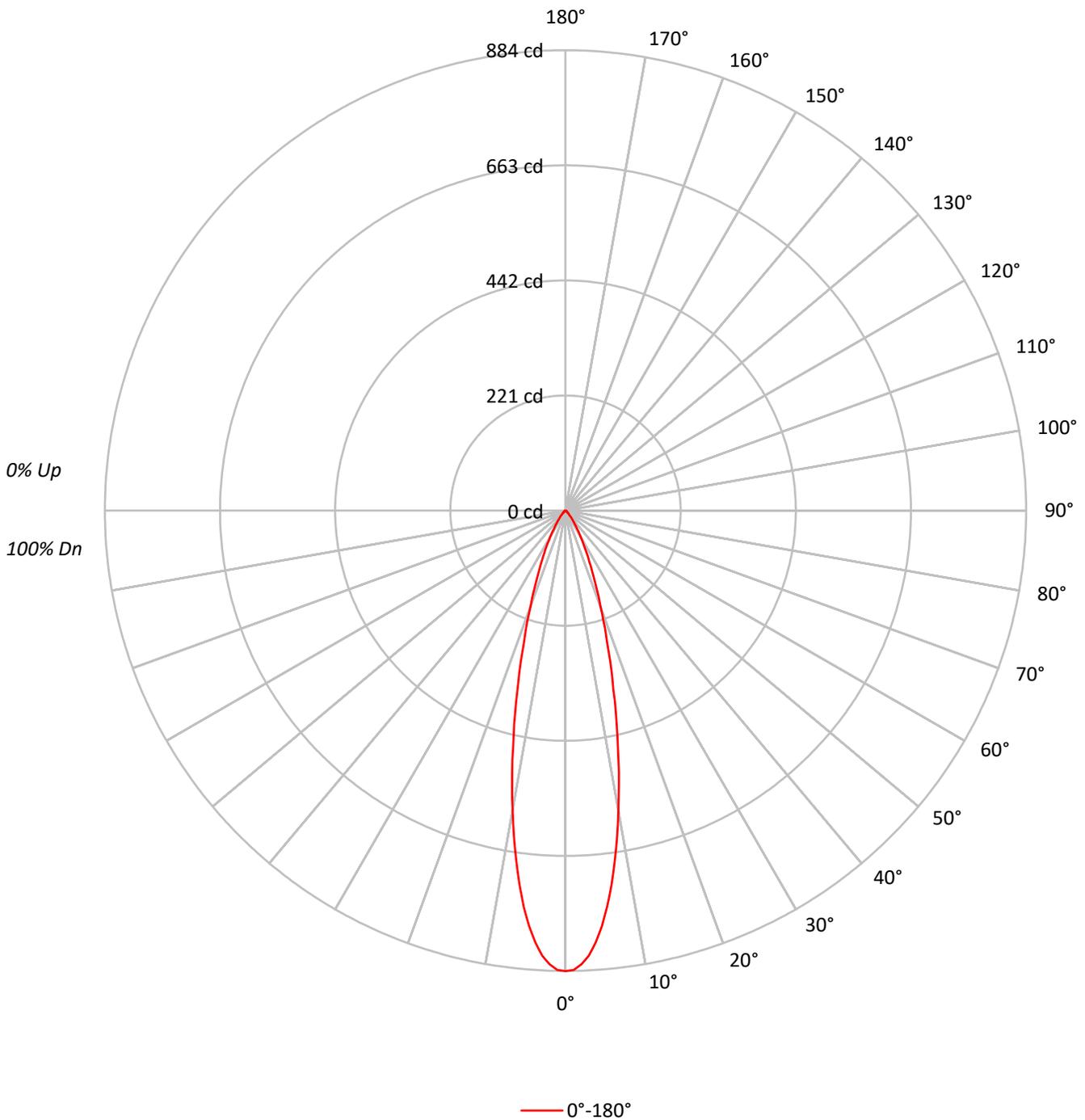
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 252.0 lumens
Efficiency: N/A
Efficacy: 70.0 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): 3.6
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

TEST NUMBER: P1250716
CATALOG NUMBER: P3AS02R209030DE010 E3DL1WMH

Luminous Intensity Polar Plot





TEST NUMBER: P1250716
 CATALOG NUMBER: P3AS02R209030DE010 E3DL1WMH

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20				
RC	80				70				50				30				10			0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	100	100	100
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95	95	95	95
2	110	106	102	100	108	104	101	98	101	98	96	98	96	94	95	94	92	91	91	91	91
3	106	100	96	93	104	99	95	92	97	93	91	94	92	89	92	90	88	87	87	87	87
4	102	96	91	88	100	95	90	87	92	89	86	91	88	85	89	86	84	83	83	83	83
5	98	91	87	83	97	90	86	83	89	85	82	87	84	81	86	83	81	79	79	79	79
6	95	87	83	79	93	87	82	79	85	81	78	84	81	78	83	80	77	76	76	76	76
7	91	84	79	76	90	83	79	76	82	78	75	81	78	75	80	77	75	73	73	73	73
8	88	81	76	73	87	80	76	73	79	75	72	78	75	72	78	74	72	71	71	71	71
9	86	78	73	70	85	77	73	70	77	73	70	76	72	70	75	72	69	68	68	68	68
10	83	75	71	68	82	75	70	67	74	70	67	73	70	67	73	69	67	66	66	66	66

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	193888
5°	176249
10°	130258
15°	80568
20°	46017
25°	26276
30°	14736
35°	8004
40°	4380
45°	2419
50°	1399
55°	1032
60°	965
65°	882
70°	769
75°	847
80°	631
85°	503

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 2419 cd/sqm



TEST NUMBER: P1250716
 CATALOG NUMBER: P3AS02R209030DE010 E3DL1WMH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	69.3	27.5
10°-20°	99.0	39.3
20°-30°	51.7	20.5
30°-40°	20.0	7.9
40°-50°	6.5	2.6
50°-60°	2.6	1.0
60°-70°	1.7	0.7
70°-80°	1.0	0.4
80°-90°	0.3	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°	220.0	87.3
0°-40°	240.0	95.2
0°-60°	249.0	98.8
0°-90°	252.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	252.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	884	
5°	801	69
15°	355	99
25°	109	52
35°	30	20
45°	8	6
55°	3	3
65°	2	2
75°	1	1
85°	0	0
90°	0	



TEST NUMBER: P1250716
CATALOG NUMBER: P3AS02R209030DE010 E3DL1WMH

CANDELA DISTRIBUTION (FULL):

0°	
0°	884.2
1°	882.5
2°	872.0
3°	855.9
4°	831.1
5°	800.7
6°	764.7
7°	724.7
8°	678.5
9°	633.4
10°	585.0
12.5°	465.0
15°	354.9
17.5°	265.6
20°	197.2
22.5°	146.1
25°	108.6
27.5°	80.1
30°	58.2
32.5°	42.1
35°	29.9
37.5°	21.7
40°	15.3
42.5°	11.0
45°	7.8
47.5°	5.6
50°	4.1
52.5°	3.2
55°	2.7
57.5°	2.4
60°	2.2
62.5°	1.9
65°	1.7
67.5°	1.5
70°	1.2
72.5°	1.2
75°	1.0
77.5°	0.7
80°	0.5
82.5°	0.5
85°	0.2
87.5°	0.2
90°	0.0

(END OF REPORT)