

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: P1257695

Luminaire Tested: P3AS17R209040DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1257695
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: P3AS17R209040DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 4000K CCT AND, 90CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

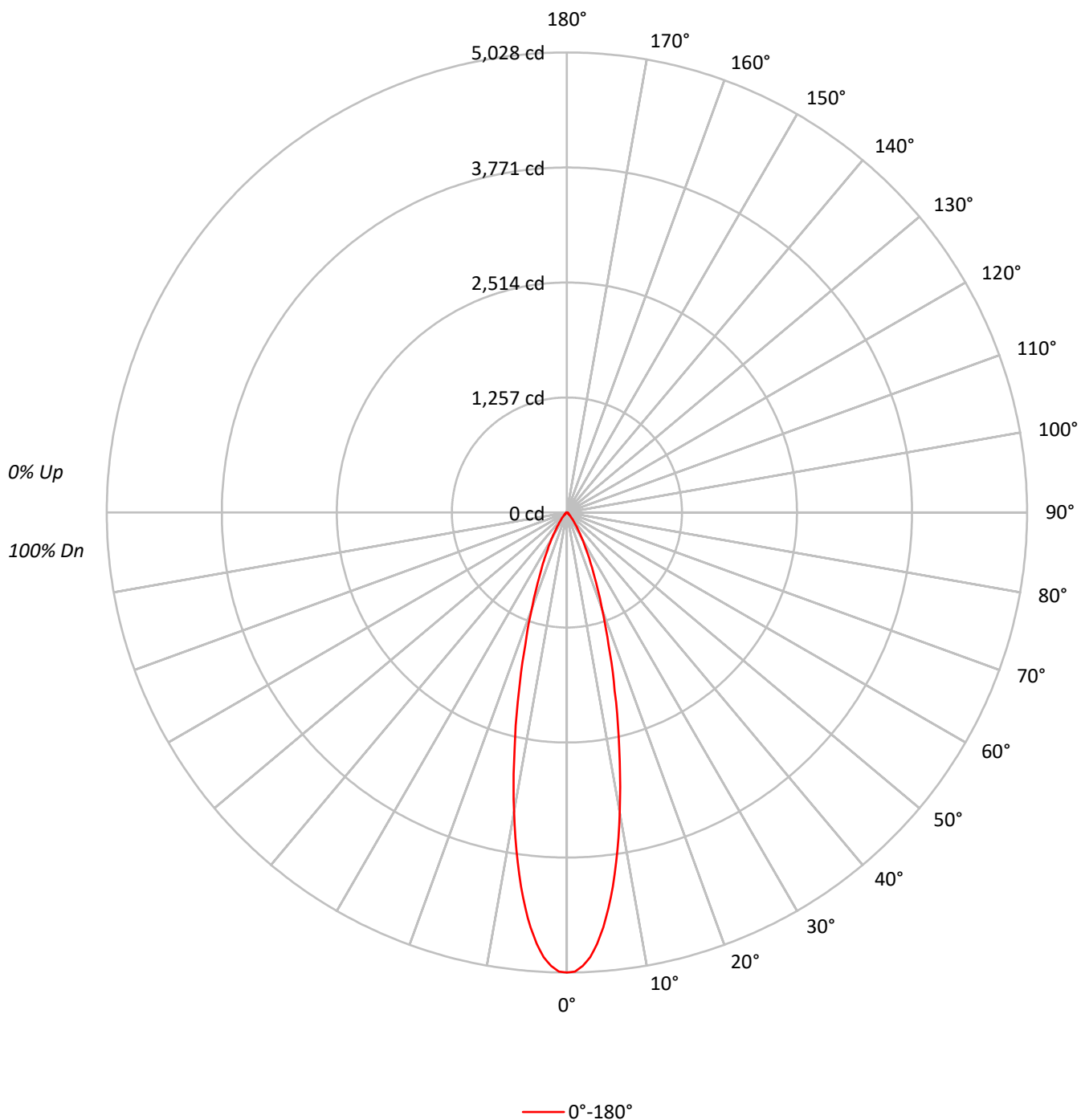
Lumens per Lamp: N/A
Luminaire Lumens: 1433.0 lumens
Efficiency: N/A
Efficacy: 67.6 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.44 / 0.46
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
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: P1257695

CATALOG NUMBER: P3AS17R209040DE010 E3DL1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1257695

CATALOG NUMBER: P3AS17R209040DE010 E3DL1MW

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

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1102521
5°	1002221
10°	740712
15°	458209
20°	261659
25°	149380
30°	83785
35°	45588
40°	24961
45°	13738
50°	8017
55°	5811
60°	5482
65°	5033
70°	4424
75°	4660
80°	3536
85°	3522

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 13738 cd/sqm

TEST NUMBER: P1257695

CATALOG NUMBER: P3AS17R209040DE010 E3DL1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	394.3	27.5
10°-20°	562.8	39.3
20°-30°	293.8	20.5
30°-40°	113.6	7.9
40°-50°	36.8	2.6
50°-60°	14.5	1.0
60°-70°	9.6	0.7
70°-80°	5.7	0.4
80°-90°	1.9	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°	1250.9	87.3
0°-40°	1364.5	95.2
0°-60°	1415.8	98.8
0°-90°	1433.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1433.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	5028	
5°	4553	394
15°	2018	563
25°	617	294
35°	170	114
45°	44	37
55°	15	14
65°	10	10
75°	6	6
85°	1	2
90°	0	

TEST NUMBER: P1257695

CATALOG NUMBER: P3AS17R209040DE010 E3DL1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	5027.9
1°	5018.2
2°	4958.7
3°	4867.4
4°	4726.2
5°	4553.1
6°	4348.2
7°	4121.2
8°	3858.2
9°	3602.1
10°	3326.6
12.5°	2644.1
15°	2018.4
17.5°	1510.3
20°	1121.3
22.5°	830.6
25°	617.4
27.5°	455.4
30°	330.9
32.5°	239.5
35°	170.3
37.5°	123.2
40°	87.2
42.5°	62.3
45°	44.3
47.5°	31.8
50°	23.5
52.5°	18.0
55°	15.2
57.5°	13.8
60°	12.5
62.5°	11.1
65°	9.7
67.5°	8.3
70°	6.9
72.5°	6.9
75°	5.5
77.5°	4.2
80°	2.8
82.5°	2.8
85°	1.4
87.5°	1.4
90°	0.0

(END OF REPORT)