

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: P1254985

Luminaire Tested: P3AS17R209035DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1254985
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: P3AS17R209035DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R20 optic, 3500K CCT AND, 90CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

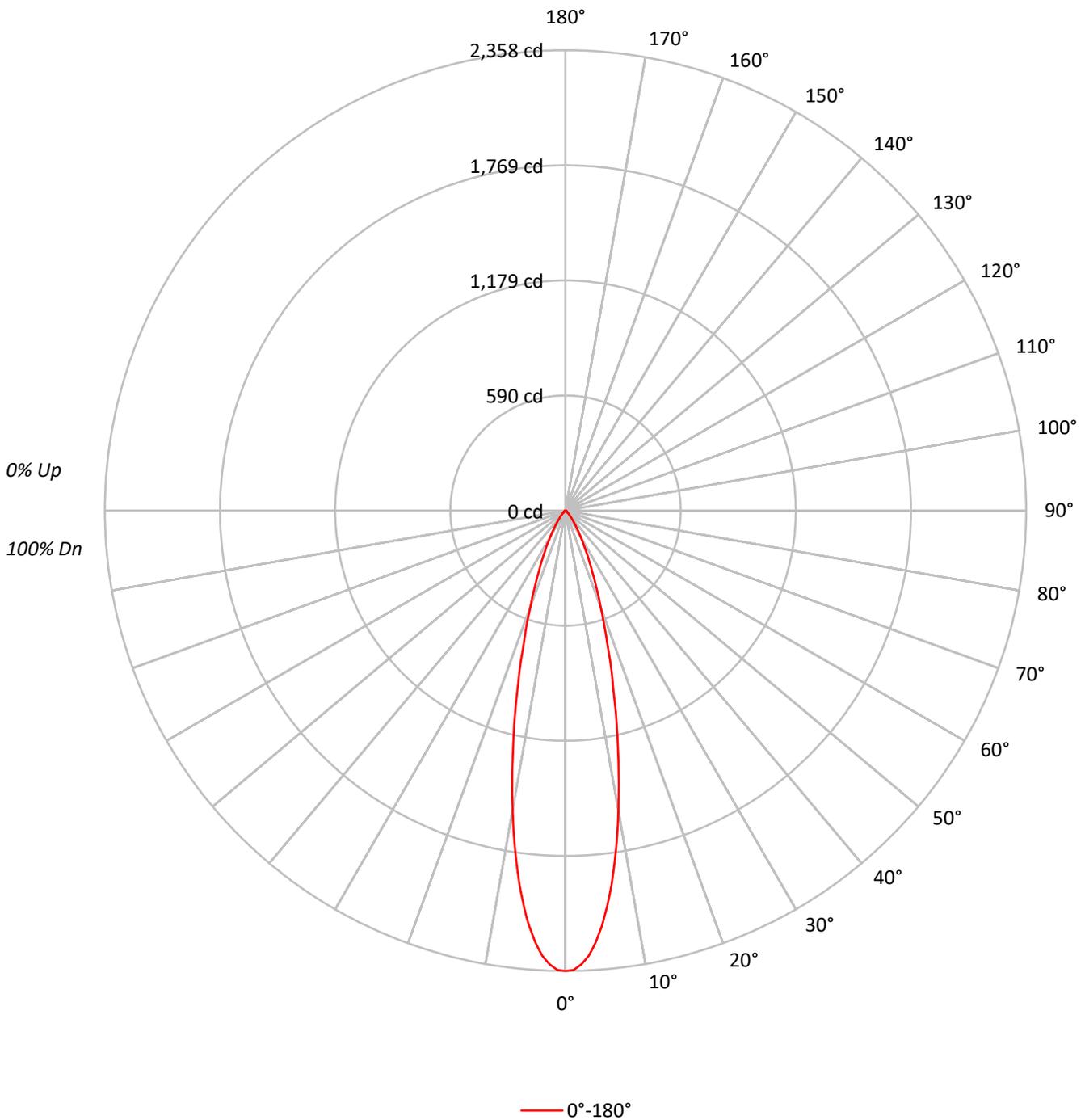
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 671.9 lumens
Efficiency: N/A
Efficacy: 31.7 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 (A_{in}): 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: P1254985
CATALOG NUMBER: P3AS17R209035DE010 E3DL1GPH

Luminous Intensity Polar Plot





TEST NUMBER: P1254985

CATALOG NUMBER: P3AS17R209035DE010 E3DL1GPH

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
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	86	78	73	70	85	77	73	70	77	73	70	76	72	70	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°	517020
5°	469997
10°	347355
15°	214871
20°	122697
25°	70044
30°	39297
35°	21362
40°	11708
45°	6450
50°	3753
55°	2714
60°	2544
65°	2335
70°	2052
75°	2203
80°	1642
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 6450 cd/sqm



TEST NUMBER: P1254985
 CATALOG NUMBER: P3AS17R209035DE010 E3DL1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	184.9	27.5
10°-20°	263.9	39.3
20°-30°	137.8	20.5
30°-40°	53.3	7.9
40°-50°	17.3	2.6
50°-60°	6.8	1.0
60°-70°	4.5	0.7
70°-80°	2.6	0.4
80°-90°	0.9	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°	586.6	87.3
0°-40°	639.9	95.2
0°-60°	663.9	98.8
0°-90°	671.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	671.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2358	
5°	2135	185
15°	946	264
25°	290	138
35°	80	53
45°	21	17
55°	7	7
65°	4	4
75°	3	3
85°	1	1
90°	0	



TEST NUMBER: P1254985
CATALOG NUMBER: P3AS17R209035DE010 E3DL1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	2357.8
1°	2353.3
2°	2325.4
3°	2282.5
4°	2216.3
5°	2135.2
6°	2039.1
7°	1932.6
8°	1809.3
9°	1689.2
10°	1560.0
12.5°	1239.9
15°	946.5
17.5°	708.3
20°	525.8
22.5°	389.5
25°	289.5
27.5°	213.6
30°	155.2
32.5°	112.3
35°	79.8
37.5°	57.8
40°	40.9
42.5°	29.2
45°	20.8
47.5°	14.9
50°	11.0
52.5°	8.4
55°	7.1
57.5°	6.5
60°	5.8
62.5°	5.2
65°	4.5
67.5°	3.9
70°	3.2
72.5°	3.2
75°	2.6
77.5°	1.9
80°	1.3
82.5°	1.3
85°	0.6
87.5°	0.6
90°	0.0

(END OF REPORT)