

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: P1287415

Luminaire Tested: P3AS17R209030D2WDE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1287415
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: P3AS17R209030D2WDE010 E3DL1GPH
Description: 3in Adjustable Dim to Warm LED luminaire with, R20 optic, 3000K CCT AND, 90CRI ,
E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

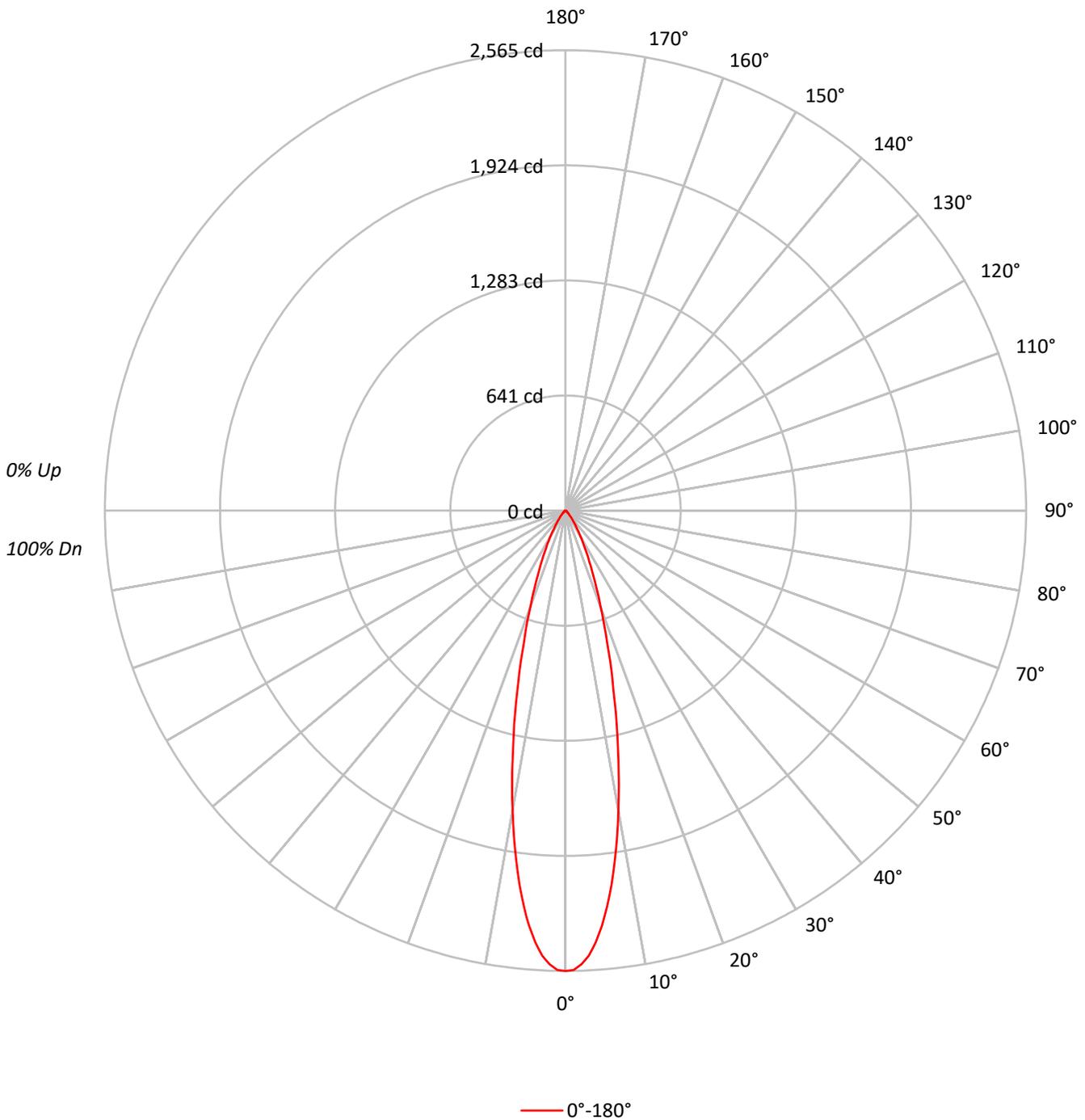
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 731.0 lumens
Efficiency: N/A
Efficacy: 26.8 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): 27.3
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: P1287415
CATALOG NUMBER: P3AS17R209030D2WDE010 E3DL1GPH

Luminous Intensity Polar Plot





TEST NUMBER: P1287415

CATALOG NUMBER: P3AS17R209030D2WDE010 E3DL1GPH

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				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	85	78	73	70	85	77	73	70	77	73	70	76	72	69	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°	562411
5°	511247
10°	377860
15°	233736
20°	133478
25°	76214
30°	42741
35°	23262
40°	12738
45°	7008
50°	4094
55°	2982
60°	2807
65°	2542
70°	2244
75°	2372
80°	1768
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 7008 cd/sqm



TEST NUMBER: P1287415

CATALOG NUMBER: P3AS17R209030D2WDE010 E3DL1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	201.1	27.5
10°-20°	287.1	39.3
20°-30°	149.9	20.5
30°-40°	58.0	7.9
40°-50°	18.8	2.6
50°-60°	7.4	1.0
60°-70°	4.9	0.7
70°-80°	2.9	0.4
80°-90°	1.0	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°	638.1	87.3
0°-40°	696.1	95.2
0°-60°	722.3	98.8
0°-90°	731.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	731.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2565	
5°	2323	201
15°	1030	287
25°	315	150
35°	87	58
45°	23	19
55°	8	7
65°	5	5
75°	3	3
85°	1	1
90°	0	



TEST NUMBER: P1287415
CATALOG NUMBER: P3AS17R209030D2WDE010 E3DL1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	2564.8
1°	2559.9
2°	2529.5
3°	2482.9
4°	2410.9
5°	2322.6
6°	2218.1
7°	2102.3
8°	1968.1
9°	1837.5
10°	1697.0
12.5°	1348.8
15°	1029.6
17.5°	770.4
20°	572.0
22.5°	423.7
25°	315.0
27.5°	232.3
30°	168.8
32.5°	122.2
35°	86.9
37.5°	62.9
40°	44.5
42.5°	31.8
45°	22.6
47.5°	16.2
50°	12.0
52.5°	9.2
55°	7.8
57.5°	7.1
60°	6.4
62.5°	5.6
65°	4.9
67.5°	4.2
70°	3.5
72.5°	3.5
75°	2.8
77.5°	2.1
80°	1.4
82.5°	1.4
85°	0.7
87.5°	0.7
90°	0.0

(END OF REPORT)