

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: P1265347

Luminaire Tested: P3A17R209730DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1265347
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: P3A17R209730DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R20 optic, 3000K CCT AND, 97CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

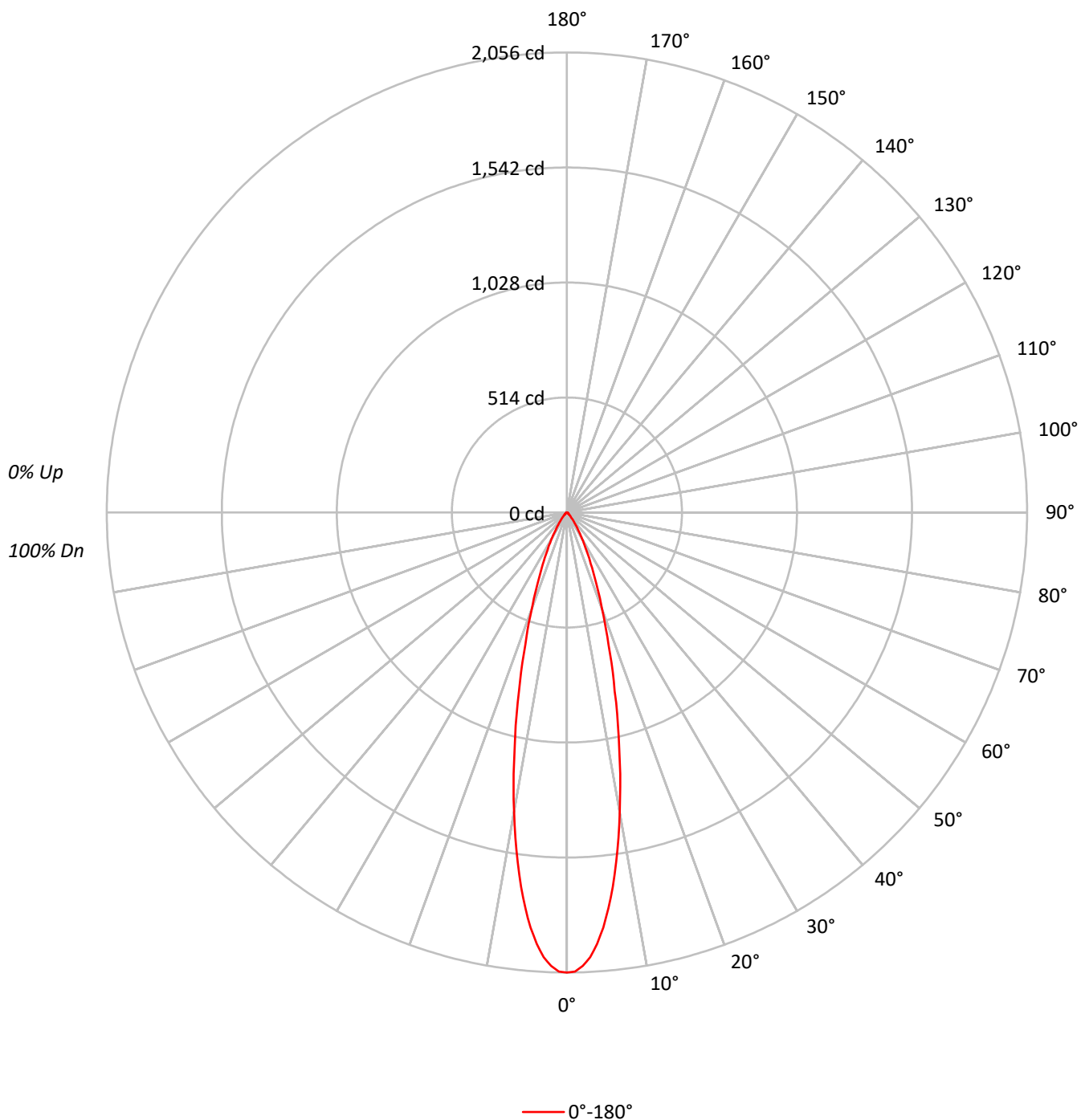
Lumens per Lamp: N/A
Luminaire Lumens: 586.0 lumens
Efficiency: N/A
Efficacy: 27.6 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.44 / 0.46
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1265347

CATALOG NUMBER: P3A17R209730DE010 E3DL1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1265347

CATALOG NUMBER: P3A17R209730DE010 E3DL1GPH

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	99	99
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95	94	93
2	110	106	102	100	108	104	101	98	101	98	96	98	96	94	95	94	92	91	90	89
3	106	100	96	93	104	99	95	92	97	93	91	94	92	89	92	90	88	87	86	85
4	102	96	91	88	100	95	90	87	92	89	86	91	88	85	89	86	84	83	82	81
5	98	91	87	83	97	90	86	83	89	85	82	87	84	81	86	83	81	79	78	77
6	95	87	83	79	93	87	82	79	85	81	78	84	81	78	83	80	77	76	75	74
7	91	84	79	76	90	83	79	76	82	78	75	81	78	75	80	77	75	73	72	71
8	88	81	76	73	87	80	76	73	79	75	72	78	75	72	78	74	72	71	70	69
9	85	78	73	70	85	77	73	70	77	73	70	76	72	69	75	72	69	68	67	66
10	83	75	71	68	82	75	70	67	74	70	67	73	70	67	73	69	67	66	65	64

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	450863
5°	409838
10°	302889
15°	187379
20°	106993
25°	61092
30°	34258
35°	18631
40°	10219
45°	5613
50°	3275
55°	2370
60°	2237
65°	2075
70°	1795
75°	1949
80°	1389
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 5613 cd/sqm

TEST NUMBER: P1265347

CATALOG NUMBER: P3A17R209730DE010 E3DL1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	161.2	27.5
10°-20°	230.2	39.3
20°-30°	120.1	20.5
30°-40°	46.4	7.9
40°-50°	15.1	2.6
50°-60°	5.9	1.0
60°-70°	3.9	0.7
70°-80°	2.3	0.4
80°-90°	0.8	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°	511.5	87.3
0°-40°	558.0	95.2
0°-60°	579.0	98.8
0°-90°	586.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	586.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2056	
5°	1862	161
15°	825	230
25°	252	120
35°	70	46
45°	18	15
55°	6	6
65°	4	4
75°	2	2
85°	1	1
90°	0	

TEST NUMBER: P1265347

CATALOG NUMBER: P3A17R209730DE010 E3DL1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	2056.1
1°	2052.1
2°	2027.8
3°	1990.4
4°	1932.7
5°	1861.9
6°	1778.1
7°	1685.3
8°	1577.7
9°	1473.0
10°	1360.3
12.5°	1081.3
15°	825.4
17.5°	617.6
20°	458.5
22.5°	339.7
25°	252.5
27.5°	186.2
30°	135.3
32.5°	97.9
35°	69.6
37.5°	50.4
40°	35.7
42.5°	25.5
45°	18.1
47.5°	13.0
50°	9.6
52.5°	7.4
55°	6.2
57.5°	5.7
60°	5.1
62.5°	4.5
65°	4.0
67.5°	3.4
70°	2.8
72.5°	2.8
75°	2.3
77.5°	1.7
80°	1.1
82.5°	1.1
85°	0.6
87.5°	0.6
90°	0.0

(END OF REPORT)