

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: P1274305

Luminaire Tested: P3A17R209830DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1274305
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: P3A17R209830DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R20 optic, 3000K CCT AND, 98CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

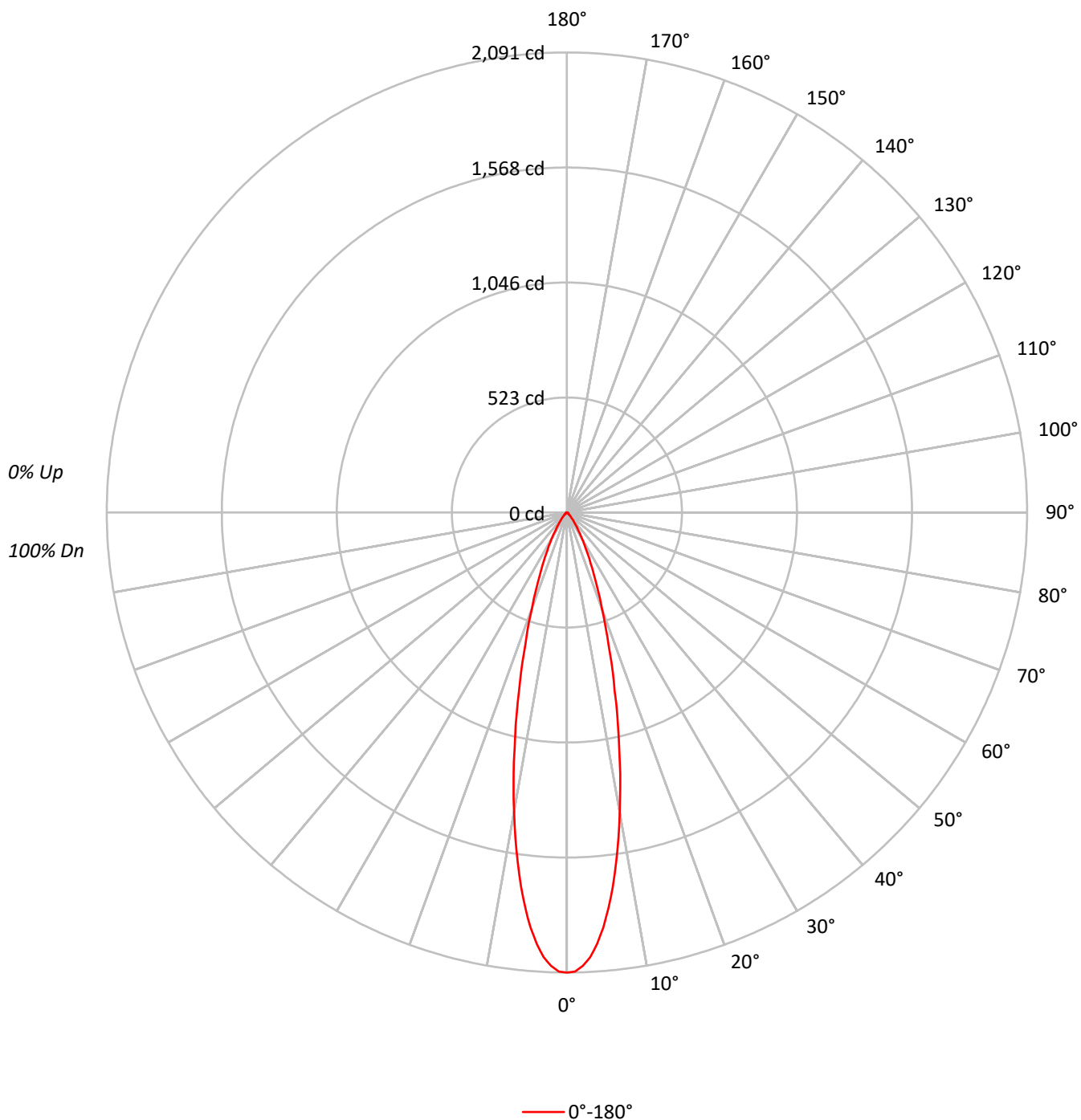
Lumens per Lamp: N/A
Luminaire Lumens: 596.0 lumens
Efficiency: N/A
Efficacy: 29.2 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.44 / 0.46
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 20.4
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: P1274305

CATALOG NUMBER: P3A17R209830DE010 E3DL1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1274305

CATALOG NUMBER: P3A17R209830DE010 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
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	114	112	110	108	112	110	108	106	106	104	103		102	101	100		99
2	110	106	102	100	108	104	101	98	101	98	96		98	96	94		95
3	106	100	96	93	104	99	95	92	97	93	91		94	92	89		92
4	102	96	91	88	100	95	90	87	92	89	86		91	88	85		89
5	98	91	87	83	97	90	86	83	89	85	82		87	84	81		86
6	95	87	83	79	93	87	82	79	85	81	78		84	81	78		83
7	91	84	79	76	90	83	79	76	82	78	75		81	78	75		80
8	88	81	76	73	87	80	76	73	79	75	72		78	75	72		78
9	85	78	73	70	85	77	73	70	77	73	70		76	72	69		75
10	83	75	71	68	82	75	70	67	74	70	67		73	70	67		73

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	458560
5°	416838
10°	308077
15°	190580
20°	108836
25°	62133
30°	34841
35°	18953
40°	10391
45°	5706
50°	3343
55°	2409
60°	2281
65°	2075
70°	1859
75°	1949
80°	1515
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 5706 cd/sqm

TEST NUMBER: P1274305

CATALOG NUMBER: P3A17R209830DE010 E3DL1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	164.0	27.5
10°-20°	234.1	39.3
20°-30°	122.2	20.5
30°-40°	47.2	7.9
40°-50°	15.3	2.6
50°-60°	6.0	1.0
60°-70°	4.0	0.7
70°-80°	2.4	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°	520.3	87.3
0°-40°	567.5	95.2
0°-60°	588.9	98.8
0°-90°	596.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	596.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2091	
5°	1894	164
15°	840	234
25°	257	122
35°	71	47
45°	18	15
55°	6	6
65°	4	4
75°	2	2
85°	1	1
90°	0	

TEST NUMBER: P1274305

CATALOG NUMBER: P3A17R209830DE010 E3DL1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	2091.2
1°	2087.1
2°	2062.4
3°	2024.4
4°	1965.7
5°	1893.7
6°	1808.5
7°	1714.0
8°	1604.7
9°	1498.1
10°	1383.6
12.5°	1099.7
15°	839.5
17.5°	628.2
20°	466.4
22.5°	345.5
25°	256.8
27.5°	189.4
30°	137.6
32.5°	99.6
35°	70.8
37.5°	51.2
40°	36.3
42.5°	25.9
45°	18.4
47.5°	13.2
50°	9.8
52.5°	7.5
55°	6.3
57.5°	5.8
60°	5.2
62.5°	4.6
65°	4.0
67.5°	3.5
70°	2.9
72.5°	2.9
75°	2.3
77.5°	1.7
80°	1.2
82.5°	1.2
85°	0.6
87.5°	0.6
90°	0.0

(END OF REPORT)