

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: P1276433

Luminaire Tested: P3AS17R309835DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1276433
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-15)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R309835DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R30 optic, 3500K CCT AND, 98CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

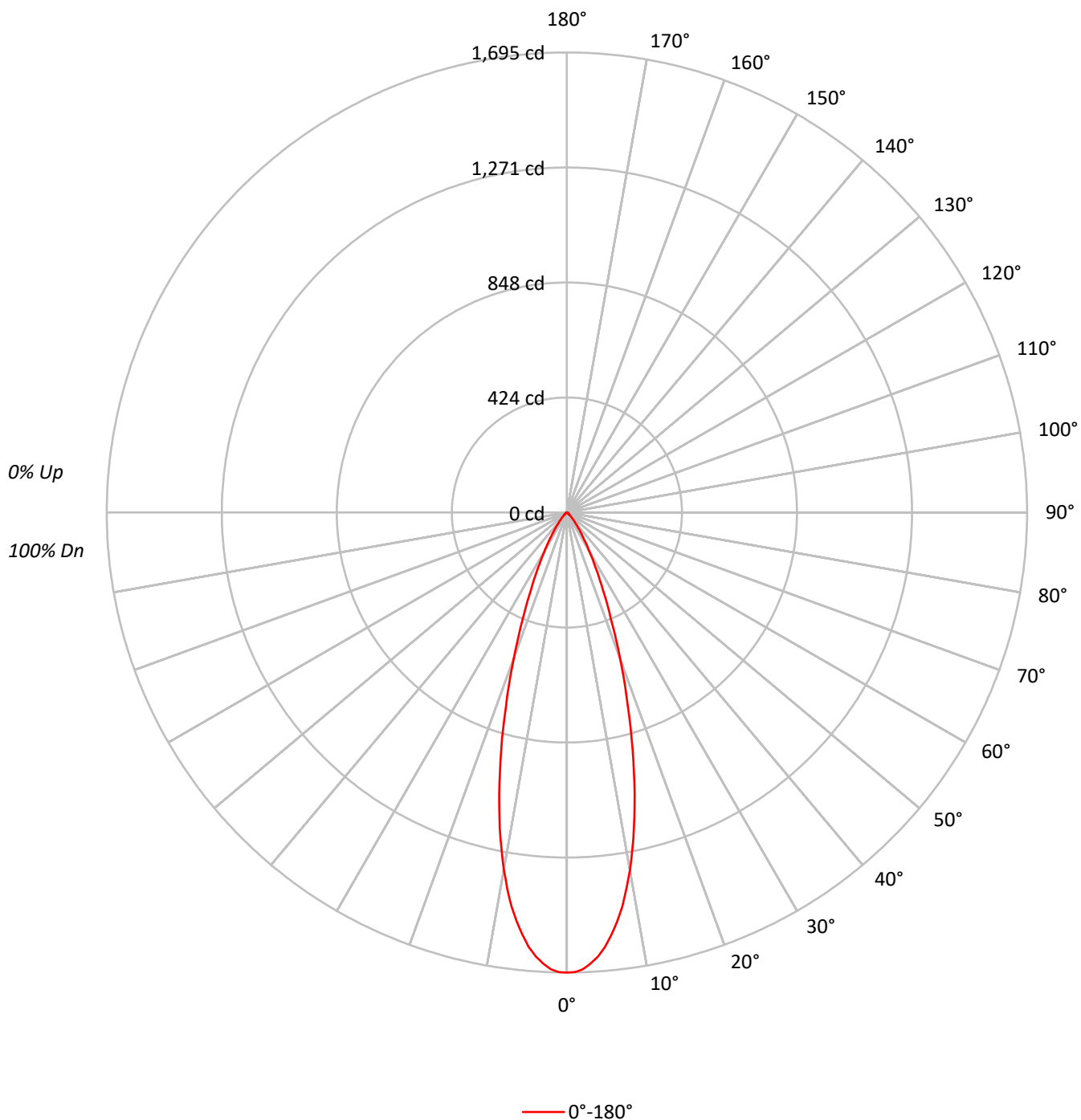
Lumens per Lamp: N/A
Luminaire Lumens: 637.0 lumens
Efficiency: N/A
Efficacy: 31.2 lumens/watt
Spacing Criteria (0/90/45): 0.54 / 0.54 / 0.54
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1276433

CATALOG NUMBER: P3AS17R309835DE010 E3DL1GPH

Luminous Intensity Polar Plot





TEST NUMBER: P1276433

CATALOG NUMBER: P3AS17R309835DE010 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	105	102	99	107	104	101	98	101	98	96		98	96	94		95
3	105	100	96	92	103	98	95	91	96	93	90		94	91	89		91
4	101	95	90	87	99	94	89	86	92	88	85		90	87	84		88
5	97	90	85	82	96	89	85	81	88	84	81		86	83	80		85
6	94	86	81	78	92	85	81	77	84	80	77		83	79	76		81
7	90	82	77	74	89	82	77	74	81	76	73		80	76	73		79
8	87	79	74	71	86	79	74	71	78	73	70		77	73	70		76
9	84	76	71	68	83	75	71	68	75	70	67		74	70	67		73
10	81	73	68	65	80	73	68	65	72	68	65		71	67	65		71

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	371703
5°	353796
10°	297590
15°	214598
20°	133128
25°	75706
30°	42057
35°	22861
40°	12051
45°	6543
50°	3480
55°	2294
60°	2105
65°	2179
70°	1923
75°	1525
80°	1515
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 6543 cd/sqm

TEST NUMBER: P1276433

CATALOG NUMBER: P3AS17R309835DE010 E3DL1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	144.7	22.7
10°-20°	257.3	40.4
20°-30°	148.7	23.3
30°-40°	56.4	8.9
40°-50°	17.3	2.7
50°-60°	5.8	0.9
60°-70°	3.9	0.6
70°-80°	2.1	0.3
80°-90°	0.7	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°	550.7	86.5
0°-40°	607.1	95.3
0°-60°	630.2	98.9
0°-90°	637.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	637.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1695	
5°	1607	145
15°	945	257
25°	313	149
35°	85	56
45°	21	17
55°	6	6
65°	4	4
75°	2	2
85°	1	1
90°	0	

TEST NUMBER: P1276433

CATALOG NUMBER: P3AS17R309835DE010 E3DL1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	1695.1
1°	1693.9
2°	1683.7
3°	1664.4
4°	1640.4
5°	1607.3
6°	1565.2
7°	1518.2
8°	1465.9
9°	1403.3
10°	1336.5
11°	1264.3
12°	1187.9
13°	1107.8
14°	1026.6
15°	945.3
17.5°	745.6
20°	570.5
22.5°	423.0
25°	312.9
27.5°	227.5
30°	166.1
32.5°	119.7
35°	85.4
37.5°	59.6
40°	42.1
42.5°	29.5
45°	21.1
47.5°	14.4
50°	10.2
52.5°	7.2
55°	6.0
57.5°	5.4
60°	4.8
62.5°	4.2
65°	4.2
67.5°	3.6
70°	3.0
72.5°	2.4
75°	1.8
77.5°	1.8
80°	1.2
82.5°	1.2
85°	0.6
87.5°	0.0



TEST NUMBER: P1276433

CATALOG NUMBER: P3AS17R309835DE010 E3DL1GPH

CANDELA DISTRIBUTION (continued):



(END OF REPORT)