

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: P1276669

Luminaire Tested: P3AS17R709835DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1276669
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-45)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R709835DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R70 optic, 3500K CCT AND, 98CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

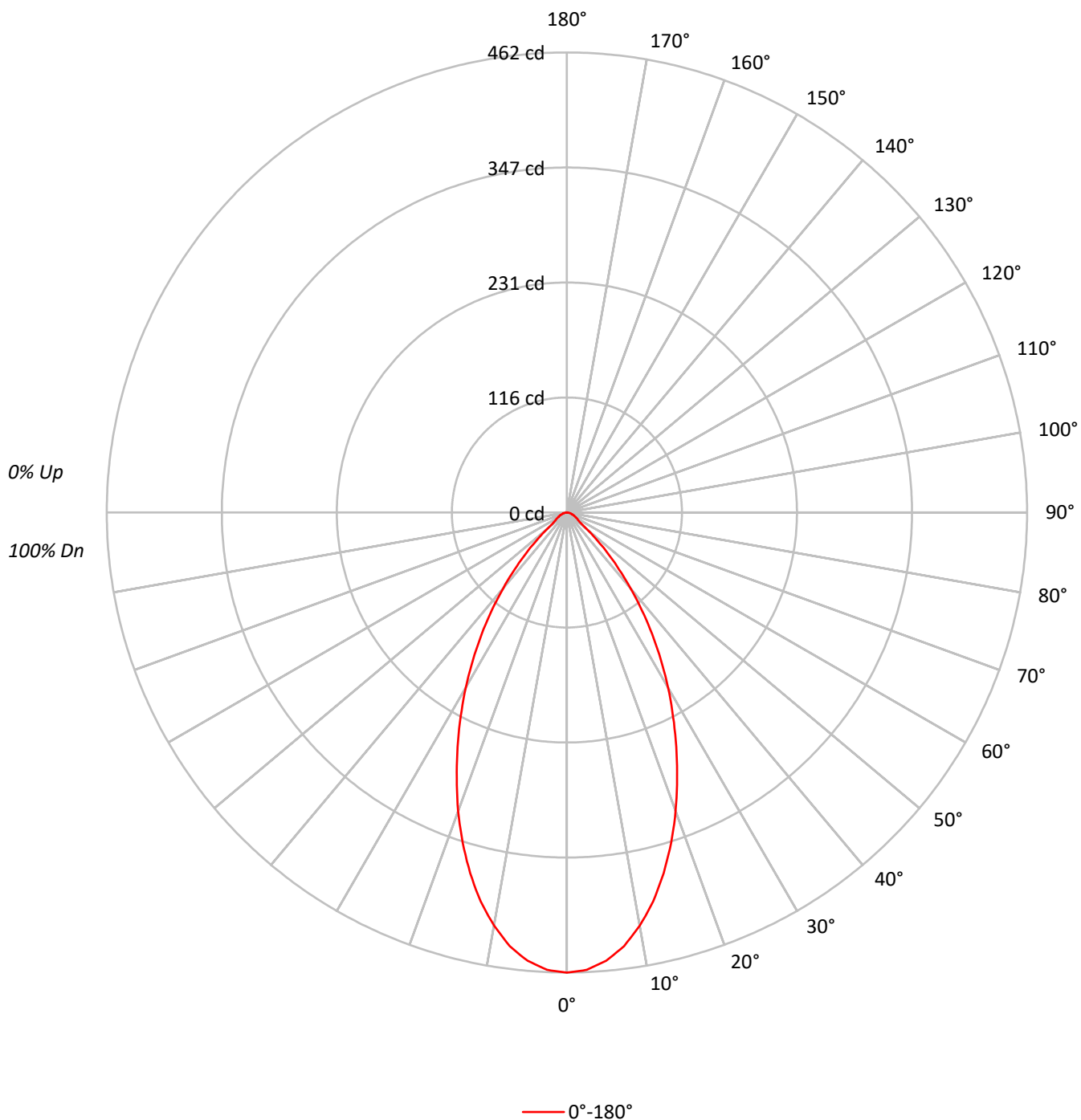
Lumens per Lamp: N/A
Luminaire Lumens: 432.0 lumens
Efficiency: N/A
Efficacy: 21.2 lumens/watt
Spacing Criteria (0/90/45): 0.82 / 0.82 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1276669

CATALOG NUMBER: P3AS17R709835DE010 E3DLP1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1276669

CATALOG NUMBER: P3AS17R709835DE010 E3DLP1GPH

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	113	110	107	104	110	107	105	103	103	101	100		100	98	97		96
2	106	101	97	93	104	99	95	92	96	93	90		93	90	88		90
3	100	93	88	83	98	92	87	83	89	85	81		87	83	80		84
4	95	86	80	76	93	85	80	75	83	78	74		81	77	73		79
5	89	80	74	69	88	79	73	69	78	72	68		76	71	68		74
6	85	75	68	64	83	74	68	64	73	67	63		71	66	63		70
7	80	70	64	59	79	69	63	59	68	62	58		67	62	58		66
8	76	66	59	55	75	65	59	55	64	58	54		63	58	54		62
9	72	62	55	51	71	61	55	51	60	55	51		59	54	51		58
10	69	58	52	48	67	58	52	48	57	51	48		56	51	48		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	101330
5°	99471
10°	93786
15°	85131
20°	74463
25°	62810
30°	51426
35°	39886
40°	28568
45°	18079
50°	9006
55°	5505
60°	4736
65°	4358
70°	3847
75°	3558
80°	3031
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 18079 cd/sqm

TEST NUMBER: P1276669

CATALOG NUMBER: P3AS17R709835DE010 E3DLP1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	42.2	9.8
10°-20°	104.3	24.2
20°-30°	118.8	27.5
30°-40°	92.9	21.5
40°-50°	45.7	10.6
50°-60°	14.0	3.2
60°-70°	8.3	1.9
70°-80°	4.4	1.0
80°-90°	1.3	0.3
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°	265.3	61.4
0°-40°	358.3	82.9
0°-60°	417.9	96.7
0°-90°	432.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	432.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	462	
5°	452	42
15°	375	104
25°	260	119
35°	149	93
45°	58	46
55°	14	14
65°	8	8
75°	4	4
85°	1	1
90°	0	

TEST NUMBER: P1276669

CATALOG NUMBER: P3AS17R709835DE010 E3DLP1GPH

CANDELA DISTRIBUTION (FULL):

	0°
0°	462.1
2.5°	459.7
5°	451.9
7.5°	439.3
10°	421.2
12.5°	400.2
15°	375.0
17.5°	347.9
20°	319.1
22.5°	289.0
25°	259.6
27.5°	230.8
30°	203.1
32.5°	175.5
35°	149.0
37.5°	123.8
40°	99.8
42.5°	77.5
45°	58.3
47.5°	40.9
50°	26.4
52.5°	17.4
55°	14.4
57.5°	12.6
60°	10.8
62.5°	9.6
65°	8.4
67.5°	7.2
70°	6.0
72.5°	4.8
75°	4.2
77.5°	3.6
80°	2.4
82.5°	1.8
85°	1.2
87.5°	0.6
90°	0.0

(END OF REPORT)