

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: P1255230

Luminaire Tested: P3AS17R609035DE010 E3DLP1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255230
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-37)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R609035DE010 E3DLP1MW
Description: 3in Adjustable LED luminaire with, R60 optic, 3500K CCT AND, 90CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

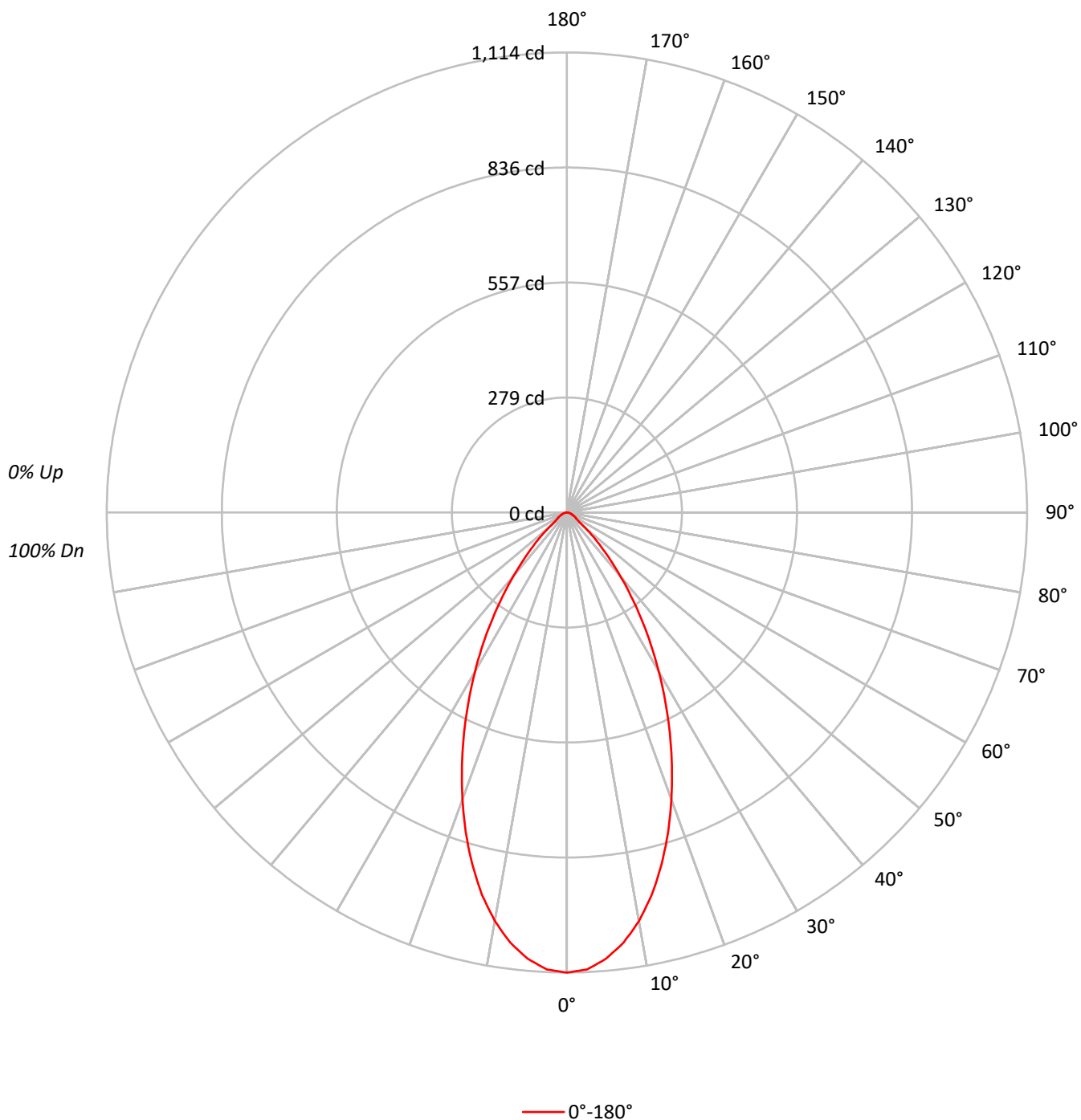
Lumens per Lamp: N/A
Luminaire Lumens: 964.0 lumens
Efficiency: N/A
Efficacy: 45.5 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1255230

CATALOG NUMBER: P3AS17R609035DE010 E3DLP1MW

Luminous Intensity Polar Plot



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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	105	110	108	105	103	104	102	100		100	98	97		96
2	107	101	97	93	104	100	96	92	96	93	90		93	91	88		91
3	101	94	88	84	99	92	87	83	90	86	82		87	84	81		85
4	95	87	81	77	93	86	80	76	84	79	75		82	78	74		80
5	90	81	75	70	88	80	74	70	78	73	69		77	72	69		75
6	85	76	69	65	84	75	69	65	73	68	64		72	67	64		71
7	81	71	65	60	79	70	64	60	69	64	60		68	63	59		67
8	77	67	60	56	75	66	60	56	65	60	56		64	59	55		63
9	73	63	57	52	72	62	56	52	61	56	52		60	55	52		60
10	69	59	53	49	68	59	53	49	58	53	49		57	52	49		56

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	244301
5°	238828
10°	223599
15°	200591
20°	172495
25°	142629
30°	112701
35°	83681
40°	57651
45°	36159
50°	19888
55°	11660
60°	10438
65°	8924
70°	7629
75°	7879
80°	6693
85°	6542

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 36159 cd/sqm

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CATALOG NUMBER: P3AS17R609035DE010 E3DLP1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	101.0	10.5
10°-20°	245.4	25.5
20°-30°	269.2	27.9
30°-40°	196.1	20.3
40°-50°	92.6	9.6
50°-60°	30.3	3.1
60°-70°	17.2	1.8
70°-80°	9.3	1.0
80°-90°	2.9	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°	615.6	63.9
0°-40°	811.7	84.2
0°-60°	934.7	97.0
0°-90°	964.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	964.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1114	
5°	1085	101
15°	884	245
25°	590	269
35°	313	196
45°	117	93
55°	30	30
65°	17	17
75°	9	9
85°	3	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	1114.1
2.5°	1107.5
5°	1085.0
7.5°	1050.5
10°	1004.2
12.5°	948.5
15°	883.6
17.5°	813.4
20°	739.2
22.5°	663.7
25°	589.5
27.5°	515.3
30°	445.1
32.5°	377.6
35°	312.6
37.5°	254.4
40°	201.4
42.5°	155.0
45°	116.6
47.5°	84.8
50°	58.3
52.5°	38.4
55°	30.5
57.5°	26.5
60°	23.8
62.5°	19.9
65°	17.2
67.5°	14.6
70°	11.9
72.5°	10.6
75°	9.3
77.5°	6.6
80°	5.3
82.5°	4.0
85°	2.6
87.5°	1.3
90°	0.0

(END OF REPORT)