

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: P1255189

Luminaire Tested: P3AS17R559035DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255189
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-35)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R559035DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R55 optic, 3500K CCT AND, 90CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

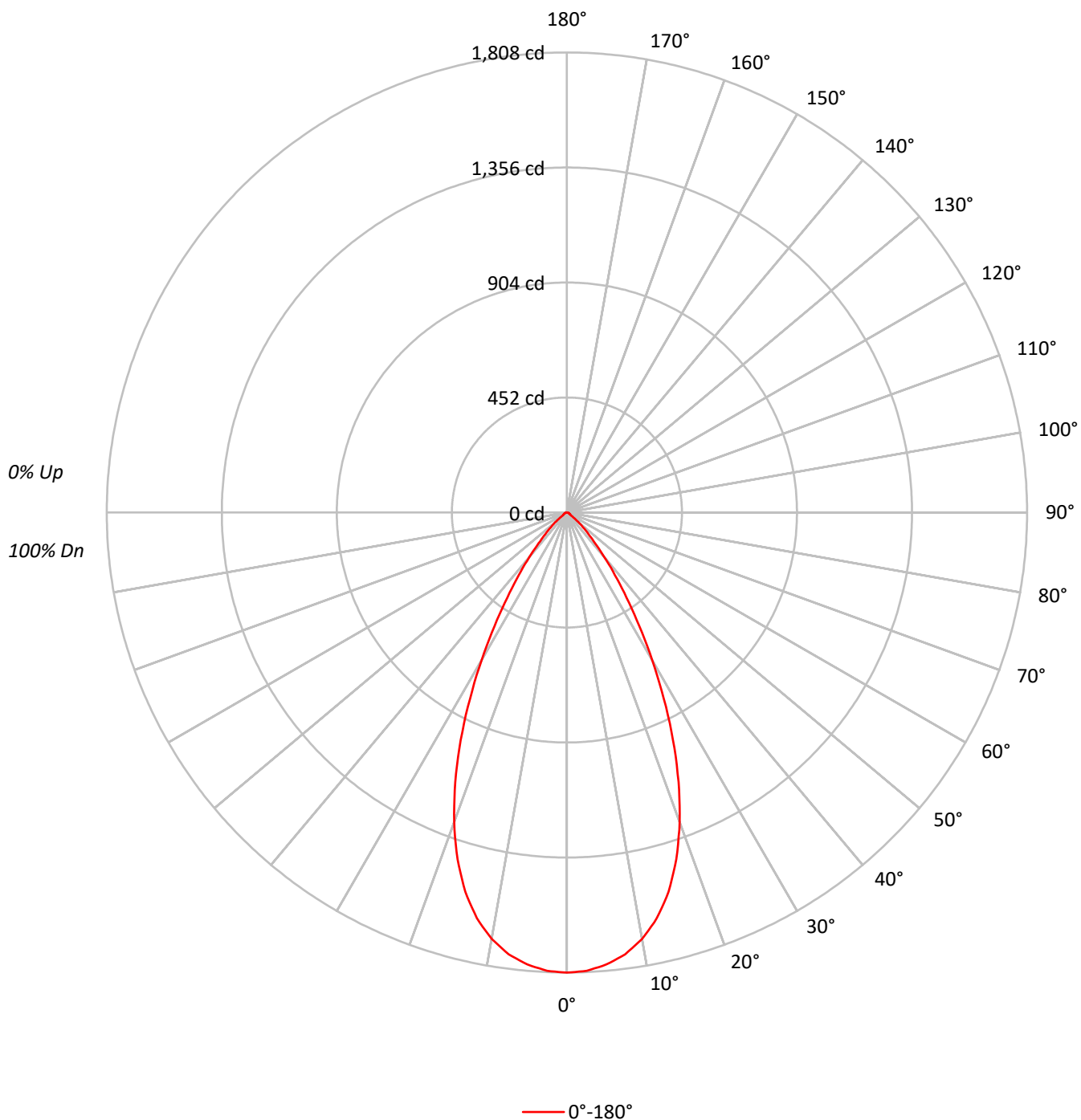
Lumens per Lamp: N/A
Luminaire Lumens: 1444.0 lumens
Efficiency: N/A
Efficacy: 68.1 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.81
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1255189

CATALOG NUMBER: P3AS17R559035DE010 E3DL1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1255189

CATALOG NUMBER: P3AS17R559035DE010 E3DL1MW

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	111	108	106	111	108	106	104	104	103	101		101	99	98		97
2	108	103	99	95	106	101	97	94	98	95	92		95	92	90		92
3	102	96	91	87	100	94	90	86	92	88	85		89	86	84		87
4	97	90	84	80	95	89	83	79	86	82	78		84	81	78		82
5	92	84	78	74	91	83	78	74	81	77	73		80	76	72		78
6	88	79	73	69	86	78	73	68	77	72	68		75	71	68		74
7	84	74	68	64	82	74	68	64	72	67	64		71	67	63		70
8	80	70	64	60	78	70	64	60	69	63	60		67	63	60		67
9	76	66	61	57	75	66	60	56	65	60	56		64	59	56		63
10	73	63	57	53	72	62	57	53	62	57	53		61	56	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	396503
5°	392493
10°	379040
15°	350354
20°	302333
25°	238780
30°	169393
35°	109218
40°	65609
45°	36965
50°	19888
55°	7073
60°	6403
65°	6174
70°	5963
75°	5592
80°	5051
85°	3271

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 36965 cd/sqm

TEST NUMBER: P1255189

CATALOG NUMBER: P3AS17R559035DE010 E3DL1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	167.7	11.6
10°-20°	426.8	29.6
20°-30°	447.2	31.0
30°-40°	260.9	18.1
40°-50°	97.6	6.8
50°-60°	23.0	1.6
60°-70°	11.8	0.8
70°-80°	7.0	0.5
80°-90°	2.0	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°	1041.7	72.1
0°-40°	1302.6	90.2
0°-60°	1423.2	98.6
0°-90°	1444.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1444.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1808	
5°	1783	168
15°	1543	427
25°	987	447
35°	408	261
45°	119	98
55°	18	23
65°	12	12
75°	7	7
85°	1	2
90°	0	

TEST NUMBER: P1255189

CATALOG NUMBER: P3AS17R559035DE010 E3DL1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	1808.2
2.5°	1802.9
5°	1783.1
7.5°	1751.3
10°	1702.3
12.5°	1633.4
15°	1543.3
17.5°	1429.4
20°	1295.6
22.5°	1145.9
25°	986.9
27.5°	824.0
30°	669.0
32.5°	528.6
35°	408.0
37.5°	310.0
40°	229.2
42.5°	164.3
45°	119.2
47.5°	86.1
50°	58.3
52.5°	33.1
55°	18.5
57.5°	15.9
60°	14.6
62.5°	13.2
65°	11.9
67.5°	10.6
70°	9.3
72.5°	7.9
75°	6.6
77.5°	5.3
80°	4.0
82.5°	2.6
85°	1.3
87.5°	1.3
90°	0.0

(END OF REPORT)