

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: P1252199

Luminaire Tested: P3AS13R709030DE010 E3DLP1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1252199
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: P3AS13R709030DE010 E3DLP1MW
Description: 3in Adjustable LED luminaire with, R70 optic, 3000K CCT AND, 90CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

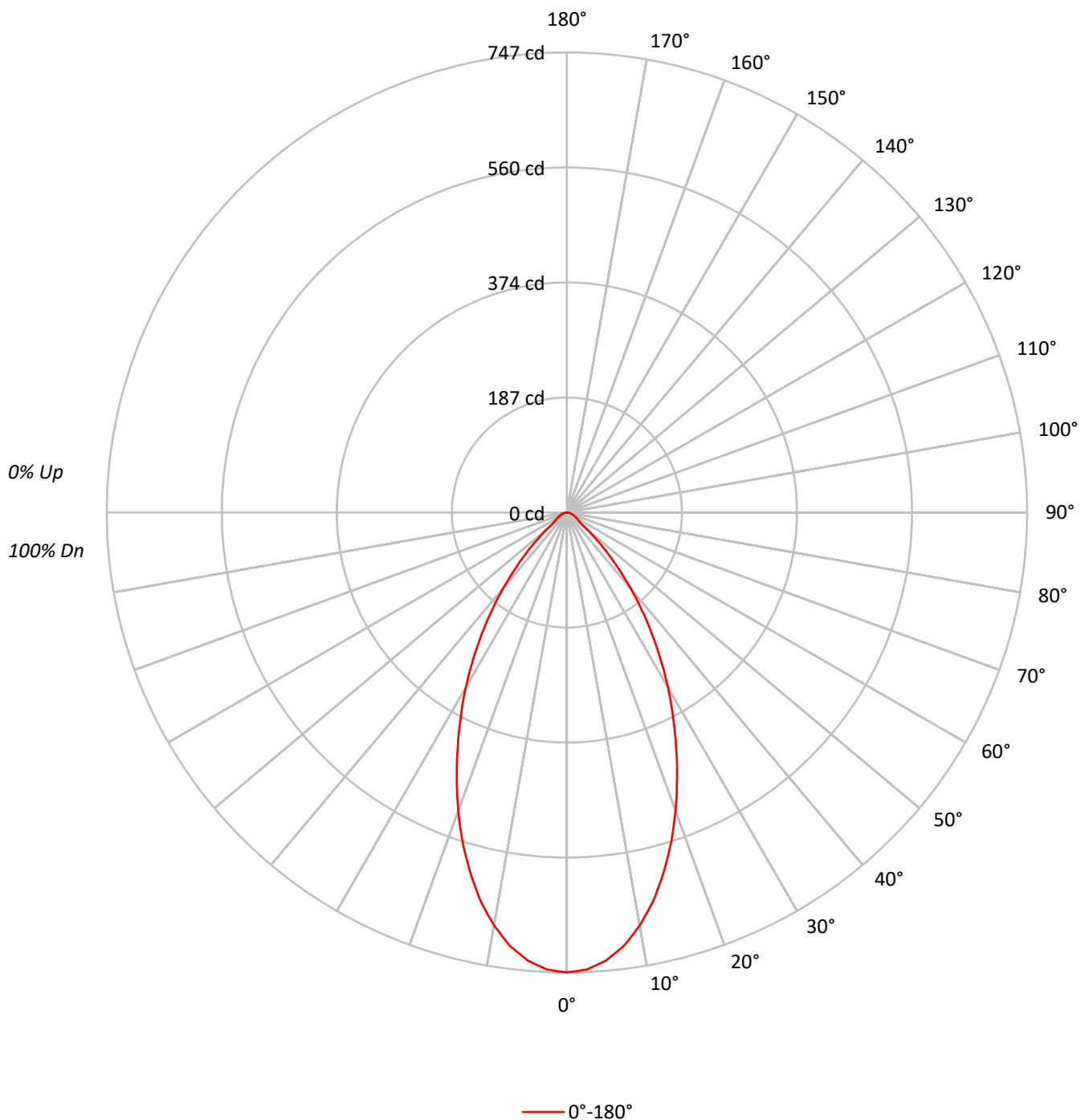
Lumens per Lamp: N/A
Luminaire Lumens: 698.0 lumens
Efficiency: N/A
Efficacy: 47.8 lumens/watt
Spacing Criteria (0/90/45): 0.82 / 0.82 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
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: P1252199

CATALOG NUMBER: P3AS13R709030DE010 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	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°	163715
5°	160708
10°	151545
15°	137549
20°	120317
25°	101474
30°	83101
35°	64460
40°	46144
45°	29212
50°	14567
55°	8908
60°	7675
65°	7057
70°	6219
75°	5761
80°	4925
85°	4780

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 29212 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	68.1	9.8
10°-20°	168.6	24.2
20°-30°	192.0	27.5
30°-40°	150.1	21.5
40°-50°	73.7	10.6
50°-60°	22.7	3.3
60°-70°	13.5	1.9
70°-80°	7.2	1.0
80°-90°	2.1	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°	428.7	61.4
0°-40°	578.8	82.9
0°-60°	675.3	96.7
0°-90°	698.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	698.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	747	
5°	730	68
15°	606	169
25°	419	192
35°	241	150
45°	94	74
55°	23	23
65°	14	13
75°	7	7
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	746.6
2.5°	742.8
5°	730.1
7.5°	709.7
10°	680.6
12.5°	646.6
15°	605.9
17.5°	562.2
20°	515.6
22.5°	467.0
25°	419.4
27.5°	372.8
30°	328.2
32.5°	283.5
35°	240.8
37.5°	200.0
40°	161.2
42.5°	125.2
45°	94.2
47.5°	66.0
50°	42.7
52.5°	28.2
55°	23.3
57.5°	20.4
60°	17.5
62.5°	15.5
65°	13.6
67.5°	11.7
70°	9.7
72.5°	7.8
75°	6.8
77.5°	5.8
80°	3.9
82.5°	2.9
85°	1.9
87.5°	1.0
90°	0.0

(END OF REPORT)