

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: P1252147

Luminaire Tested: P3AS13R609030DE010 E3DLP1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1252147
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: P3AS13R609030DE010 E3DLP1MW
Description: 3in Adjustable LED luminaire with, R60 optic, 3000K CCT AND, 90CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

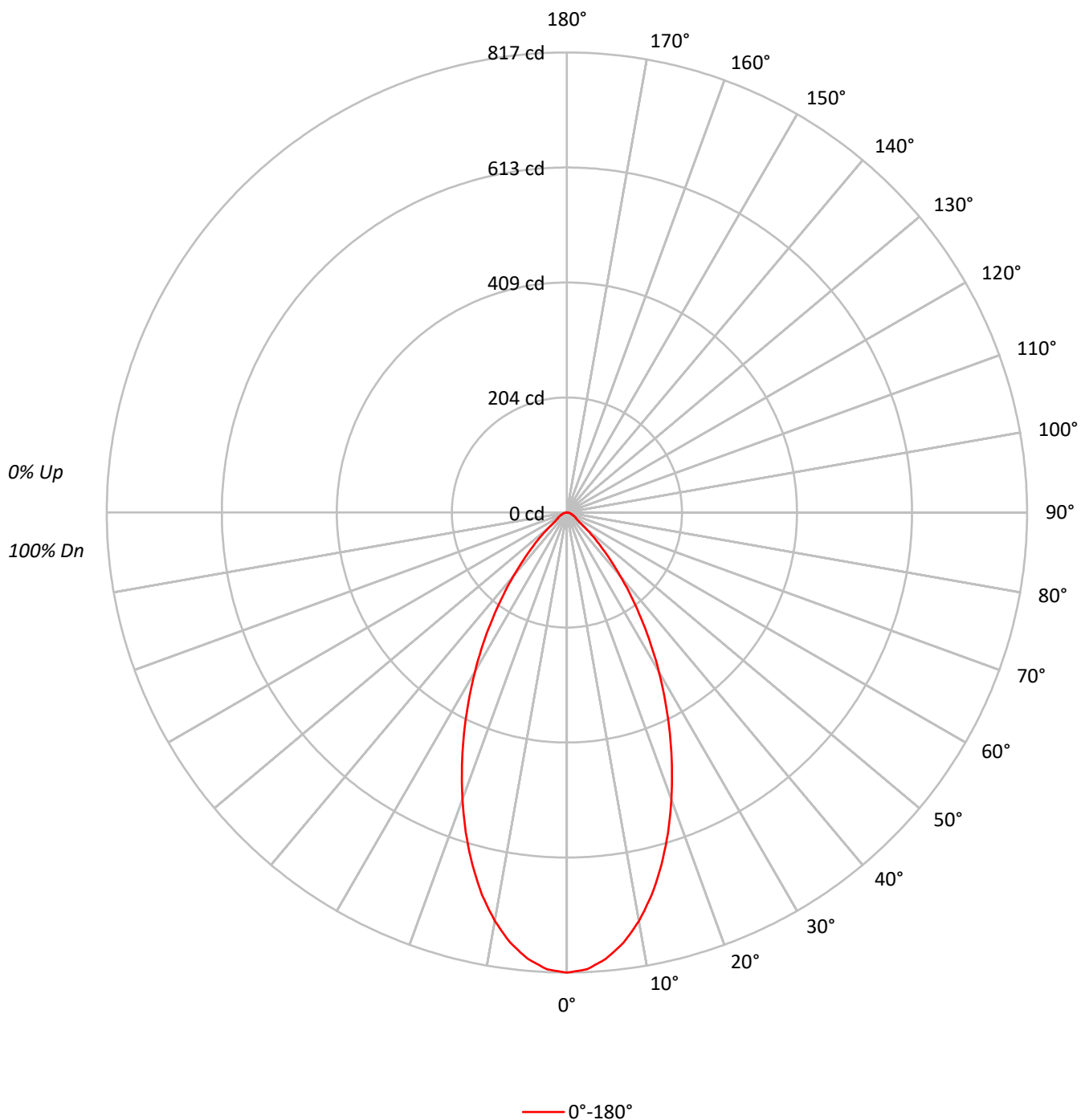
Lumens per Lamp: N/A
Luminaire Lumens: 707.0 lumens
Efficiency: N/A
Efficacy: 48.4 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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

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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°	179174
5°	175148
10°	163992
15°	147129
20°	126501
25°	104619
30°	82671
35°	61382
40°	42279
45°	26514
50°	14567
55°	8525
60°	7675
65°	6538
70°	5578
75°	5761
80°	4925
85°	4780

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 26514 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	74.1	10.5
10°-20°	180.0	25.5
20°-30°	197.4	27.9
30°-40°	143.8	20.3
40°-50°	67.9	9.6
50°-60°	22.2	3.1
60°-70°	12.6	1.8
70°-80°	6.8	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°	451.5	63.9
0°-40°	595.3	84.2
0°-60°	685.5	97.0
0°-90°	707.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	707.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	817	
5°	796	74
15°	648	180
25°	432	197
35°	229	144
45°	86	68
55°	22	22
65°	13	13
75°	7	7
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	817.1
2.5°	812.2
5°	795.7
7.5°	770.5
10°	736.5
12.5°	695.7
15°	648.1
17.5°	596.6
20°	542.1
22.5°	486.8
25°	432.4
27.5°	377.9
30°	326.5
32.5°	276.9
35°	229.3
37.5°	186.5
40°	147.7
42.5°	113.7
45°	85.5
47.5°	62.2
50°	42.7
52.5°	28.2
55°	22.3
57.5°	19.4
60°	17.5
62.5°	14.6
65°	12.6
67.5°	10.7
70°	8.7
72.5°	7.8
75°	6.8
77.5°	4.9
80°	3.9
82.5°	2.9
85°	1.9
87.5°	1.0
90°	0.0

(END OF REPORT)