

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: P1252195

Luminaire Tested: P3AS13R709030DE010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1252195
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-47)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R709030DE010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R70 optic, 3000K CCT AND, 90CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

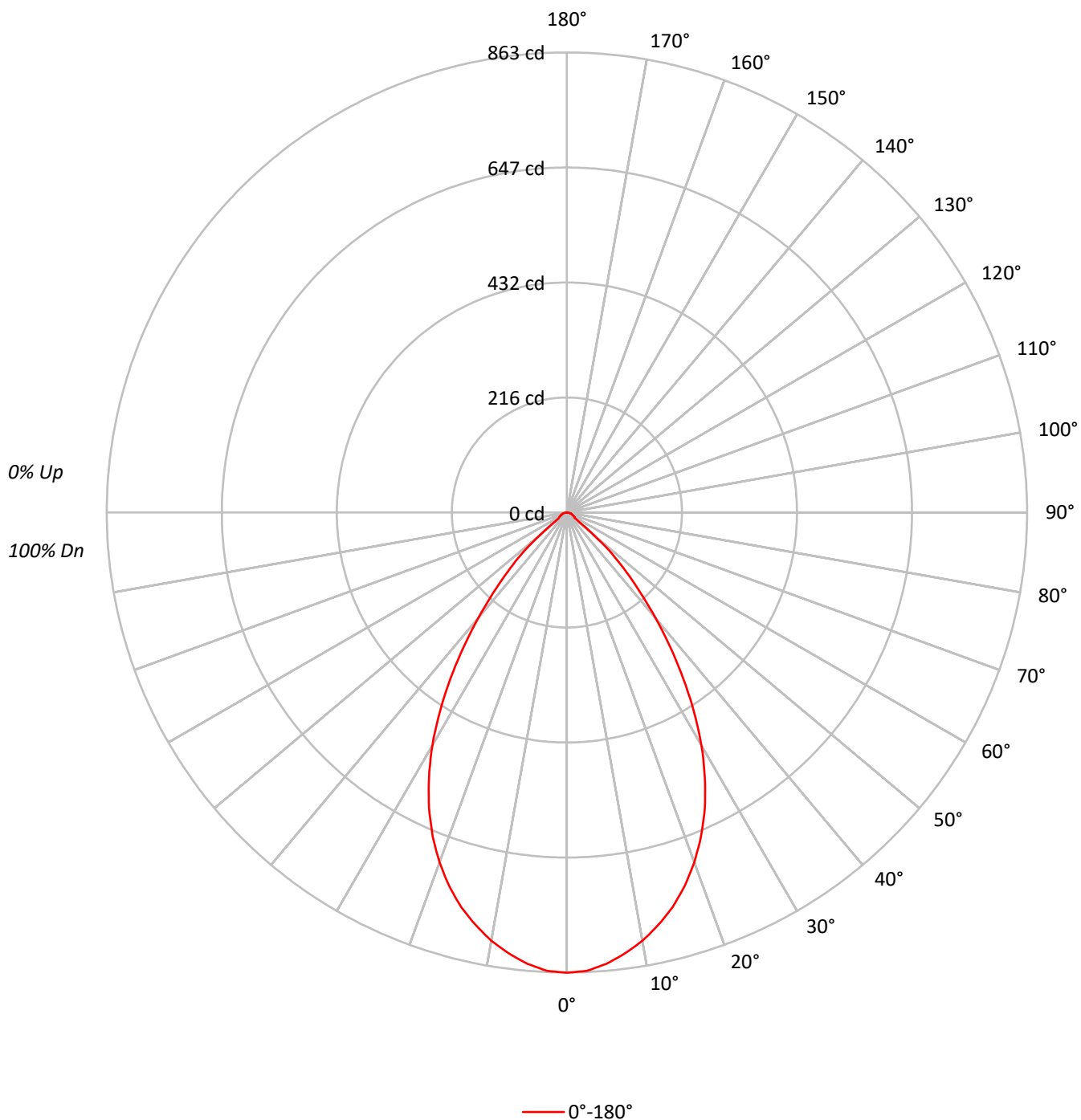
Lumens per Lamp: N/A
Luminaire Lumens: 978.0 lumens
Efficiency: N/A
Efficacy: 67.0 lumens/watt
Spacing Criteria (0/90/45): 0.97 / 0.97 / 0.98
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	104	110	107	105	103	103	101	100		100	98	97		96
2	106	101	96	93	104	99	95	92	96	92	90		93	90	88		90
3	100	93	88	83	98	92	87	82	89	85	81		86	83	80		84
4	94	86	80	75	93	85	79	75	83	78	74		81	76	73		79
5	89	80	73	69	87	79	73	68	77	72	68		75	71	67		74
6	84	74	68	63	82	73	67	63	72	66	62		70	65	62		69
7	79	69	62	58	78	68	62	58	67	61	57		66	61	57		65
8	75	65	58	53	74	64	58	53	63	57	53		62	57	53		61
9	71	60	54	50	70	60	54	50	59	53	49		58	53	49		57
10	67	57	50	46	66	56	50	46	55	50	46		55	49	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	189327
5°	187057
10°	181649
15°	173962
20°	162951
25°	148049
30°	127868
35°	101910
40°	74225
45°	48780
50°	22856
55°	7073
60°	6798
65°	6538
70°	6219
75°	6608
80°	6188
85°	4780

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 48780 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	80.0	8.2
10°-20°	214.5	21.9
20°-30°	278.7	28.5
30°-40°	236.5	24.2
40°-50°	122.0	12.5
50°-60°	23.5	2.4
60°-70°	12.7	1.3
70°-80°	7.8	0.8
80°-90°	2.2	0.2
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°	573.2	58.6
0°-40°	809.7	82.8
0°-60°	955.2	97.7
0°-90°	978.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	978.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	863	
5°	850	80
15°	766	214
25°	612	279
35°	381	237
45°	157	122
55°	18	24
65°	13	13
75°	8	8
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	863.4
2.5°	860.5
5°	849.8
7.5°	834.3
10°	815.8
12.5°	792.5
15°	766.3
17.5°	734.3
20°	698.3
22.5°	657.5
25°	611.9
27.5°	560.4
30°	505.0
32.5°	443.9
35°	380.7
37.5°	318.6
40°	259.3
42.5°	204.0
45°	157.3
47.5°	115.6
50°	67.0
52.5°	29.1
55°	18.5
57.5°	17.5
60°	15.5
62.5°	14.6
65°	12.6
67.5°	11.7
70°	9.7
72.5°	8.7
75°	7.8
77.5°	5.8
80°	4.9
82.5°	2.9
85°	1.9
87.5°	1.0
90°	0.0

(END OF REPORT)