

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: P1254842

Luminaire Tested: P3AS13R609035DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1254842
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-39)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R609035DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R60 optic, 3500K CCT AND, 90CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

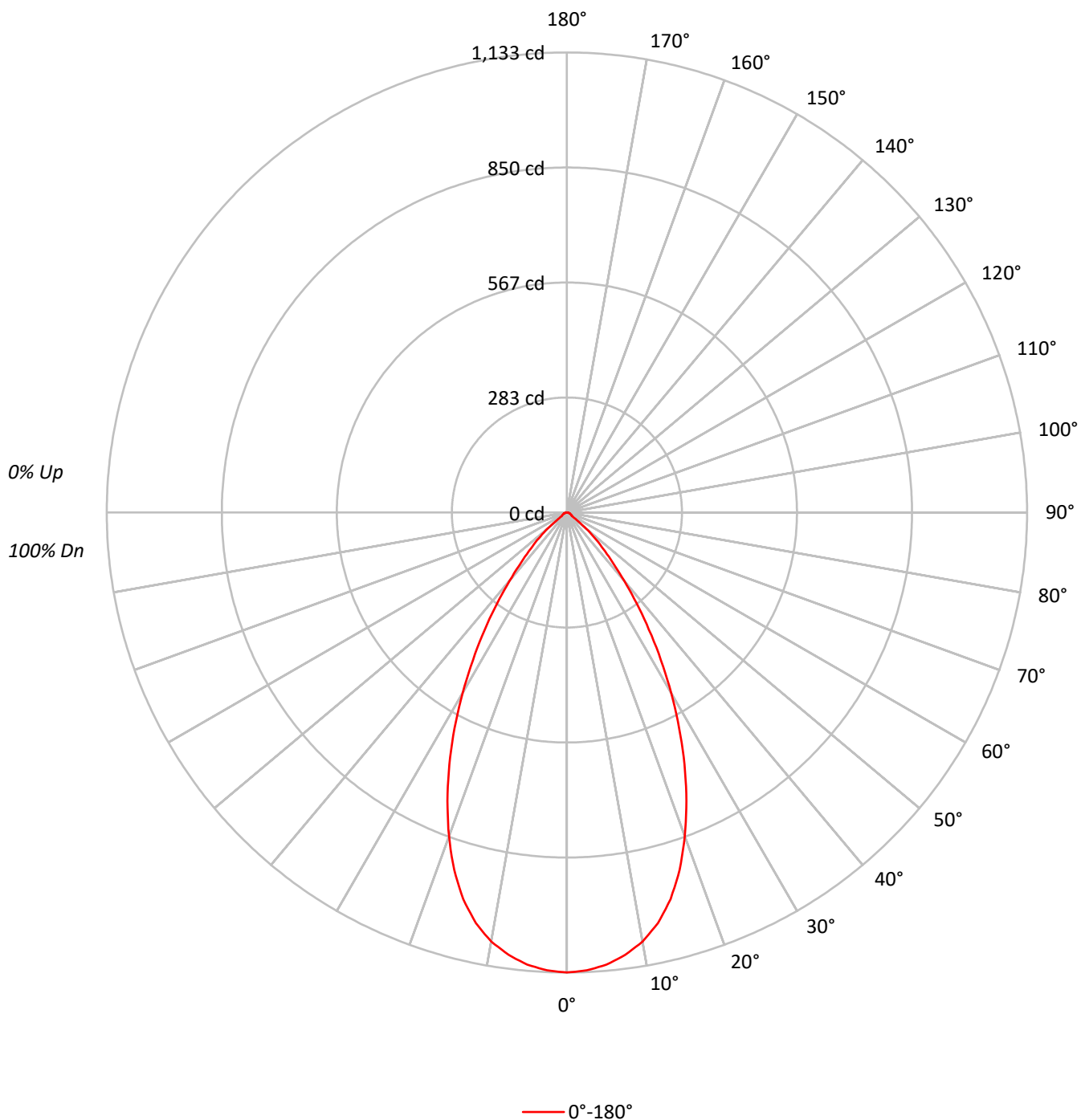
Lumens per Lamp: N/A
Luminaire Lumens: 1052.0 lumens
Efficiency: N/A
Efficacy: 72.1 lumens/watt
Spacing Criteria (0/90/45): 0.87 / 0.87 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

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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	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	113	110	108	105	111	108	106	103	104	102	100	100	99	97	97	96	94	93		
2	107	102	98	94	105	100	96	93	97	94	91	94	91	89	91	89	87	85		
3	101	95	89	85	99	93	88	84	91	86	83	88	85	82	86	83	80	79		
4	96	88	82	78	94	87	81	77	85	80	76	83	79	75	81	77	75	73		
5	91	82	76	71	89	81	75	71	79	74	70	78	73	70	76	72	69	68		
6	86	77	70	66	84	76	70	66	74	69	65	73	68	65	72	68	64	63		
7	82	72	66	61	80	71	65	61	70	65	61	69	64	60	68	63	60	59		
8	77	68	61	57	76	67	61	57	66	60	57	65	60	56	64	59	56	55		
9	74	64	57	53	72	63	57	53	62	57	53	61	56	53	60	56	53	51		
10	70	60	54	50	69	60	54	50	59	53	50	58	53	50	57	53	49	48		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	248401
5°	246048
10°	238896
15°	223815
20°	198094
25°	165711
30°	129868
35°	94228
40°	62689
45°	39074
50°	21151
55°	6117
60°	5701
65°	5189
70°	5129
75°	5083
80°	5051
85°	5032

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 39074 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	105.3	10.0
10°-20°	273.5	26.0
20°-30°	311.8	29.6
30°-40°	221.1	21.0
40°-50°	100.3	9.5
50°-60°	21.3	2.0
60°-70°	10.3	1.0
70°-80°	6.3	0.6
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°	690.5	65.6
0°-40°	911.6	86.7
0°-60°	1033.3	98.2
0°-90°	1052.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1052.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1133	
5°	1118	105
15°	986	274
25°	685	312
35°	352	221
45°	126	100
55°	16	21
65°	10	10
75°	6	6
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1132.8
2.5°	1128.8
5°	1117.8
7.5°	1098.9
10°	1072.9
12.5°	1035.9
15°	985.9
17.5°	922.9
20°	848.9
22.5°	768.9
25°	684.9
27.5°	598.9
30°	512.9
32.5°	430.9
35°	352.0
37.5°	282.0
40°	219.0
42.5°	166.0
45°	126.0
47.5°	94.0
50°	62.0
52.5°	29.0
55°	16.0
57.5°	14.0
60°	13.0
62.5°	12.0
65°	10.0
67.5°	9.0
70°	8.0
72.5°	7.0
75°	6.0
77.5°	5.0
80°	4.0
82.5°	3.0
85°	2.0
87.5°	1.0
90°	0.0

(END OF REPORT)