

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: P1271096

Luminaire Tested: P3AS02R609827DE010 E3DLD1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1271096
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-38)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R609827DE010 E3DLD1WMH
Description: 3in Adjustable LED luminaire with, R60 optic, 2700K CCT AND, 98CRI , E3DLD1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

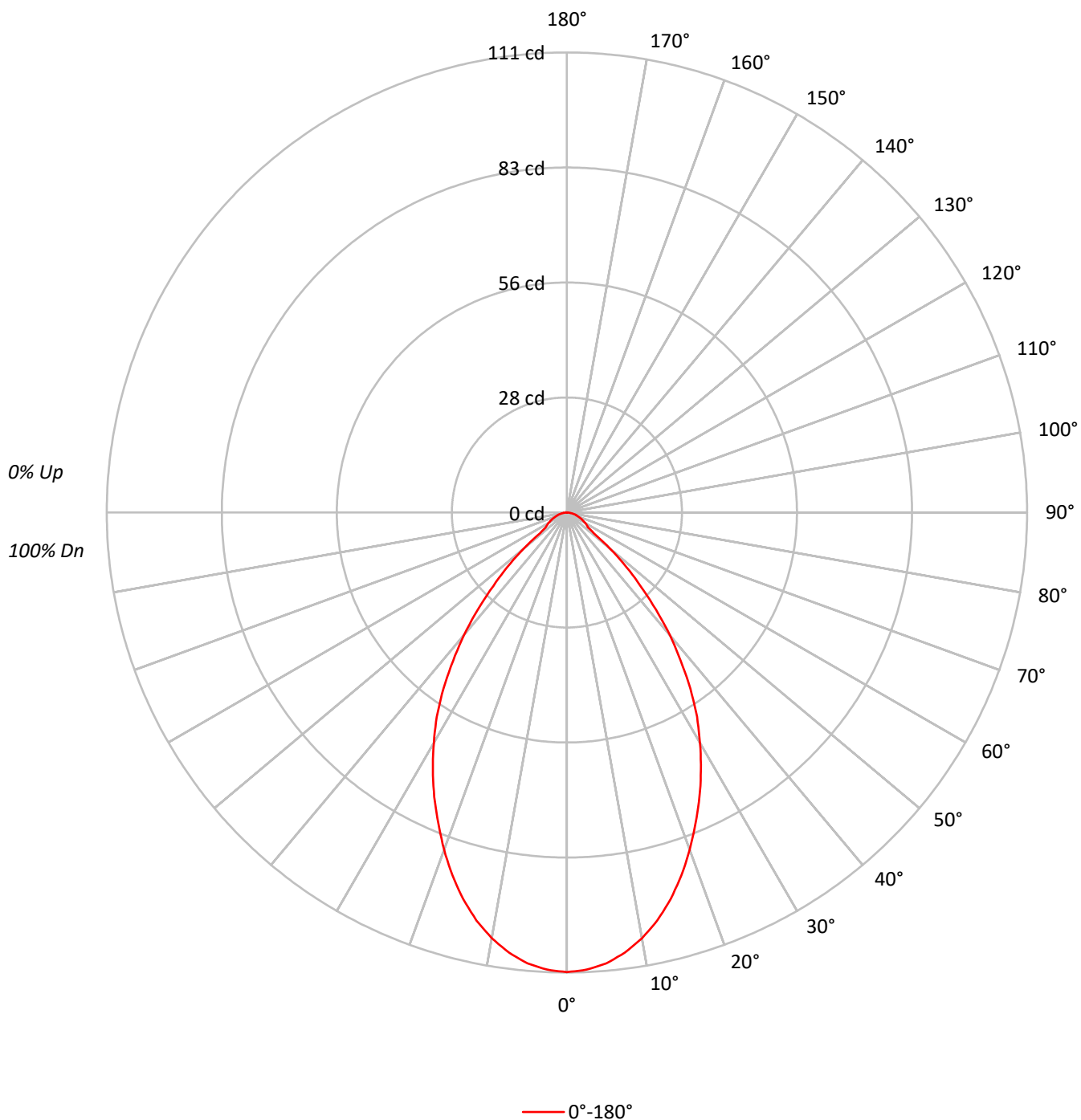
Lumens per Lamp: N/A
Luminaire Lumens: 137.1 lumens
Efficiency: N/A
Efficacy: 38.1 lumens/watt
Spacing Criteria (0/90/45): 0.95 / 0.95 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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	112	109	106	103	110	107	104	101	102	100	98	99	97	95	95	94	93	91		
2	105	99	94	90	103	97	93	89	94	90	87	91	88	85	88	86	84	82		
3	99	91	85	80	96	89	84	79	87	82	78	84	80	77	82	78	76	74		
4	92	83	77	72	90	82	76	71	80	75	70	78	73	70	76	72	69	67		
5	87	77	70	65	85	76	69	65	74	68	64	72	67	63	71	66	63	61		
6	82	71	64	59	80	70	64	59	69	63	58	67	62	58	66	61	58	56		
7	77	66	59	54	75	65	59	54	64	58	54	63	57	53	61	57	53	51		
8	72	61	55	50	71	61	54	50	60	54	49	59	53	49	58	53	49	47		
9	68	57	51	46	67	57	50	46	56	50	46	55	49	46	54	49	45	44		
10	65	54	47	43	64	53	47	43	52	47	43	52	46	42	51	46	42	41		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	24318
5°	24037
10°	23224
15°	21930
20°	20208
25°	18316
30°	16256
35°	13893
40°	11049
45°	7784
50°	4640
55°	2370
60°	2281
65°	2075
70°	1923
75°	1864
80°	1642
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 7784 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	10.3	7.5
10°-20°	27.0	19.7
20°-30°	34.7	25.3
30°-40°	32.2	23.5
40°-50°	19.6	14.3
50°-60°	6.5	4.8
60°-70°	4.0	2.9
70°-80°	2.3	1.6
80°-90°	0.6	0.4
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°	71.9	52.5
0°-40°	104.1	75.9
0°-60°	130.2	95.0
0°-90°	137.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	137.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	111	
5°	109	10
15°	97	27
25°	76	35
35°	52	32
45°	25	20
55°	6	7
65°	4	4
75°	2	2
85°	0	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	110.9
2.5°	110.4
5°	109.2
7.5°	107.1
10°	104.3
12.5°	100.8
15°	96.6
17.5°	91.8
20°	86.6
22.5°	81.1
25°	75.7
27.5°	70.0
30°	64.2
32.5°	58.4
35°	51.9
37.5°	45.1
40°	38.6
42.5°	31.8
45°	25.1
47.5°	19.5
50°	13.6
52.5°	8.1
55°	6.2
57.5°	5.7
60°	5.2
62.5°	4.5
65°	4.0
67.5°	3.5
70°	3.0
72.5°	2.5
75°	2.2
77.5°	1.7
80°	1.3
82.5°	0.8
85°	0.5
87.5°	0.3
90°	0.0

(END OF REPORT)