

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: P1250496

Luminaire Tested: P3AS24R609027D010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1250496
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: P3AS24R609027D010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R60 optic, 2700K CCT AND, 90CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

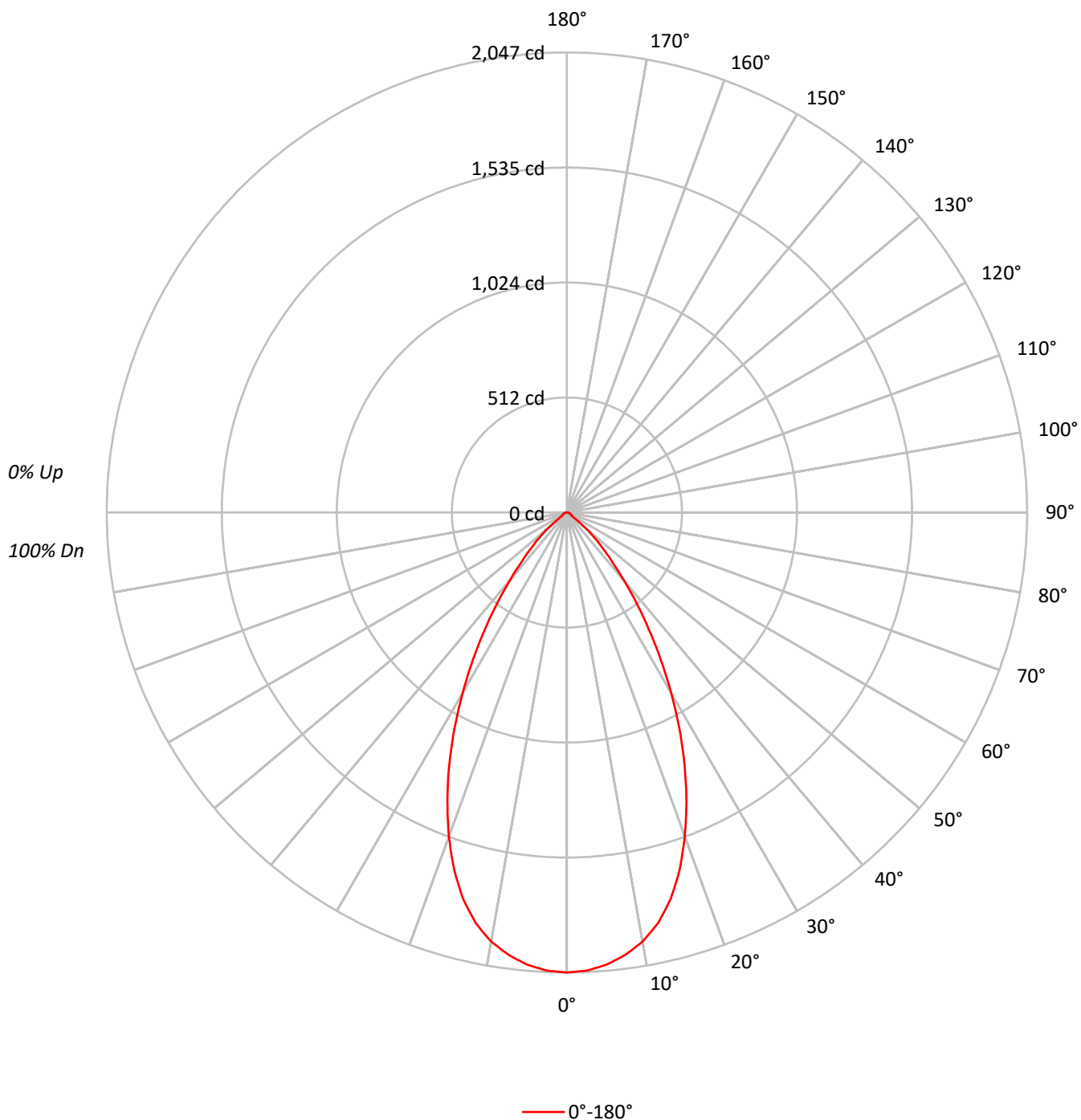
Lumens per Lamp: N/A
Luminaire Lumens: 1901.0 lumens
Efficiency: N/A
Efficacy: 66.0 lumens/watt
Spacing Criteria (0/90/45): 0.87 / 0.87 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
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: P1250496

CATALOG NUMBER: P3AS24R609027D010 E3DL1WMH

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°	448889
5°	444639
10°	431678
15°	404429
20°	357964
25°	299461
30°	234694
35°	170252
40°	113269
45°	70612
50°	38208
55°	11049
60°	10306
65°	9391
70°	9296
75°	9150
80°	9092
85°	9057

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 70612 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	190.2	10.0
10°-20°	494.3	26.0
20°-30°	563.4	29.6
30°-40°	399.5	21.0
40°-50°	181.3	9.5
50°-60°	38.5	2.0
60°-70°	18.6	1.0
70°-80°	11.4	0.6
80°-90°	3.9	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°	1247.9	65.6
0°-40°	1647.4	86.7
0°-60°	1867.1	98.2
0°-90°	1901.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1901.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2047	
5°	2020	190
15°	1782	494
25°	1238	563
35°	636	400
45°	228	181
55°	29	38
65°	18	19
75°	11	11
85°	4	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	2047.1
2.5°	2039.9
5°	2020.0
7.5°	1985.7
10°	1938.7
12.5°	1871.8
15°	1781.5
17.5°	1667.7
20°	1534.0
22.5°	1389.4
25°	1237.7
27.5°	1082.3
30°	926.9
32.5°	778.7
35°	636.0
37.5°	509.5
40°	395.7
42.5°	299.9
45°	227.7
47.5°	169.8
50°	112.0
52.5°	52.4
55°	28.9
57.5°	25.3
60°	23.5
62.5°	21.7
65°	18.1
67.5°	16.3
70°	14.5
72.5°	12.6
75°	10.8
77.5°	9.0
80°	7.2
82.5°	5.4
85°	3.6
87.5°	1.8
90°	0.0

(END OF REPORT)