

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: P1255881

Luminaire Tested: P3A24R559035D010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255881
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-35)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A24R559035D010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R55 optic, 3500K CCT AND, 90CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

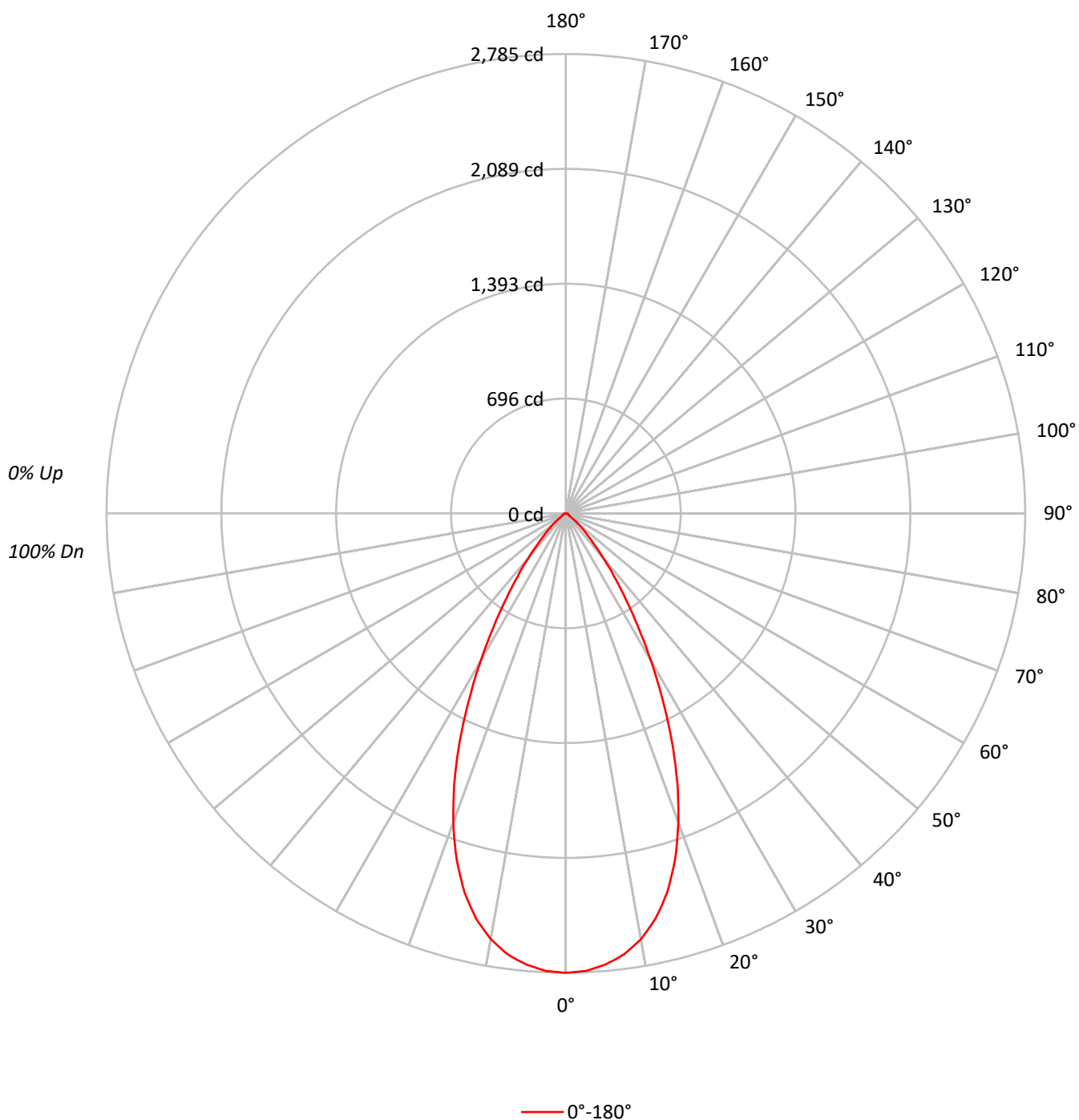
Lumens per Lamp: N/A
Luminaire Lumens: 2224.0 lumens
Efficiency: N/A
Efficacy: 77.2 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.81
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

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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	111	108	106	111	108	106	104	104	103	101	101	99	98	97	96	95	93		
2	108	103	99	95	106	101	97	94	98	95	92	95	92	90	92	90	88	87		
3	102	96	91	87	100	94	90	86	92	88	85	89	86	83	87	85	82	81		
4	97	90	84	80	95	89	83	79	86	82	78	84	81	78	82	79	77	75		
5	92	84	78	74	91	83	78	74	81	77	73	80	76	72	78	75	72	70		
6	88	79	73	69	86	78	73	68	77	72	68	75	71	68	74	70	67	66		
7	84	74	68	64	82	74	68	64	72	67	64	71	67	63	70	66	63	62		
8	80	70	64	60	78	70	64	60	69	63	60	67	63	60	67	62	59	58		
9	76	66	61	57	75	66	60	56	65	60	56	64	59	56	63	59	56	55		
10	73	63	57	53	72	62	57	53	62	57	53	61	56	53	60	56	53	52		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	610697
5°	604489
10°	583779
15°	539594
20°	465634
25°	367763
30°	260876
35°	168218
40°	101046
45°	56936
50°	30634
55°	10934
60°	9824
65°	9547
70°	9168
75°	8642
80°	7703
85°	5032

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 56936 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	258.3	11.6
10°-20°	657.3	29.6
20°-30°	688.8	31.0
30°-40°	401.9	18.1
40°-50°	150.4	6.8
50°-60°	35.4	1.6
60°-70°	18.2	0.8
70°-80°	10.8	0.5
80°-90°	3.0	0.1
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°	1604.4	72.1
0°-40°	2006.2	90.2
0°-60°	2192.0	98.6
0°-90°	2224.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2224.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2785	
5°	2746	258
15°	2377	657
25°	1520	689
35°	628	402
45°	184	150
55°	29	35
65°	18	18
75°	10	11
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	2785.0
2.5°	2776.8
5°	2746.2
7.5°	2697.3
10°	2621.8
12.5°	2515.7
15°	2376.9
17.5°	2201.5
20°	1995.4
22.5°	1764.8
25°	1520.0
27.5°	1269.1
30°	1030.3
32.5°	814.1
35°	628.4
37.5°	477.4
40°	353.0
42.5°	253.0
45°	183.6
47.5°	132.6
50°	89.8
52.5°	51.0
55°	28.6
57.5°	24.5
60°	22.4
62.5°	20.4
65°	18.4
67.5°	16.3
70°	14.3
72.5°	12.2
75°	10.2
77.5°	8.2
80°	6.1
82.5°	4.1
85°	2.0
87.5°	2.0
90°	0.0

(END OF REPORT)