

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: P1255796

Luminaire Tested: P3A24R409035D010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255796
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-23)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A24R409035D010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R40 optic, 3500K CCT AND, 90CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

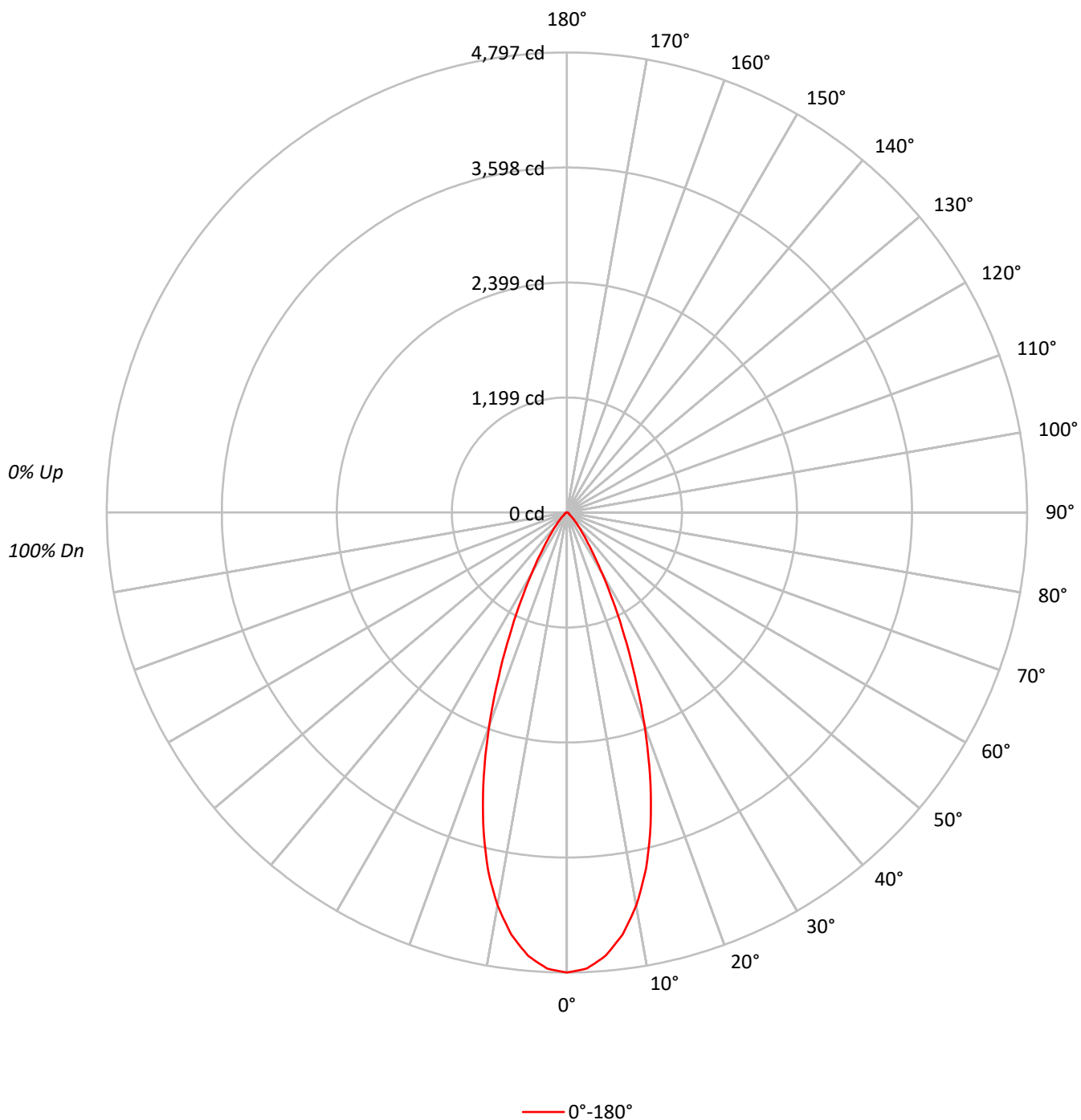
Lumens per Lamp: N/A
Luminaire Lumens: 2377.0 lumens
Efficiency: N/A
Efficacy: 82.5 lumens/watt
Spacing Criteria (0/90/45): 0.65 / 0.65 / 0.63
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1255796

CATALOG NUMBER: P3A24R409035D010 E3DL1MW

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	114	111	109	107	112	109	107	105	105	104	102		102	100	99		98
2	109	105	101	98	107	103	100	97	100	97	95		97	95	93		94
3	104	99	94	91	102	97	93	90	95	91	88		92	89	87		90
4	100	93	88	85	98	92	88	84	90	86	83		88	85	82		86
5	96	88	83	79	94	88	83	79	86	82	78		84	81	78		83
6	92	84	79	75	91	83	78	75	82	78	74		81	77	74		79
7	88	80	75	71	87	79	74	71	78	74	71		77	73	70		76
8	85	76	71	68	84	76	71	67	75	70	67		74	70	67		73
9	82	73	68	64	81	73	68	64	72	67	64		71	67	64		70
10	78	70	65	62	78	70	65	61	69	64	61		68	64	61		67

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1051802
5°	1021239
10°	926747
15°	765612
20°	552278
25°	341584
30°	184940
35°	95566
40°	51983
45°	29119
50°	14601
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: 29119 cd/sqm

TEST NUMBER: P1255796

CATALOG NUMBER: P3A24R409035D010 E3DL1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	427.7	18.0
10°-20°	918.3	38.6
20°-30°	655.4	27.6
30°-40°	241.3	10.1
40°-50°	76.0	3.2
50°-60°	26.4	1.1
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°	2001.4	84.2
0°-40°	2242.6	94.3
0°-60°	2345.0	98.7
0°-90°	2377.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2377.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	4797	
5°	4640	428
15°	3372	918
25°	1412	655
35°	357	241
45°	94	76
55°	29	26
65°	18	18
75°	10	11
85°	2	3
90°	0	

TEST NUMBER: P1255796

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CANDELA DISTRIBUTION (FULL):

0°	
0°	4796.6
2.5°	4759.9
5°	4639.5
7.5°	4439.6
10°	4162.1
12.5°	3809.1
15°	3372.5
17.5°	2882.9
20°	2366.7
22.5°	1858.7
25°	1411.8
27.5°	1036.4
30°	730.4
32.5°	512.1
35°	357.0
37.5°	253.0
40°	181.6
42.5°	130.6
45°	93.9
47.5°	63.2
50°	42.8
52.5°	30.6
55°	28.6
57.5°	26.5
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)