

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: P1255821

Luminaire Tested: P3A24R459035D010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255821
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-27)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A24R459035D010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R45 optic, 3500K CCT AND, 90CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

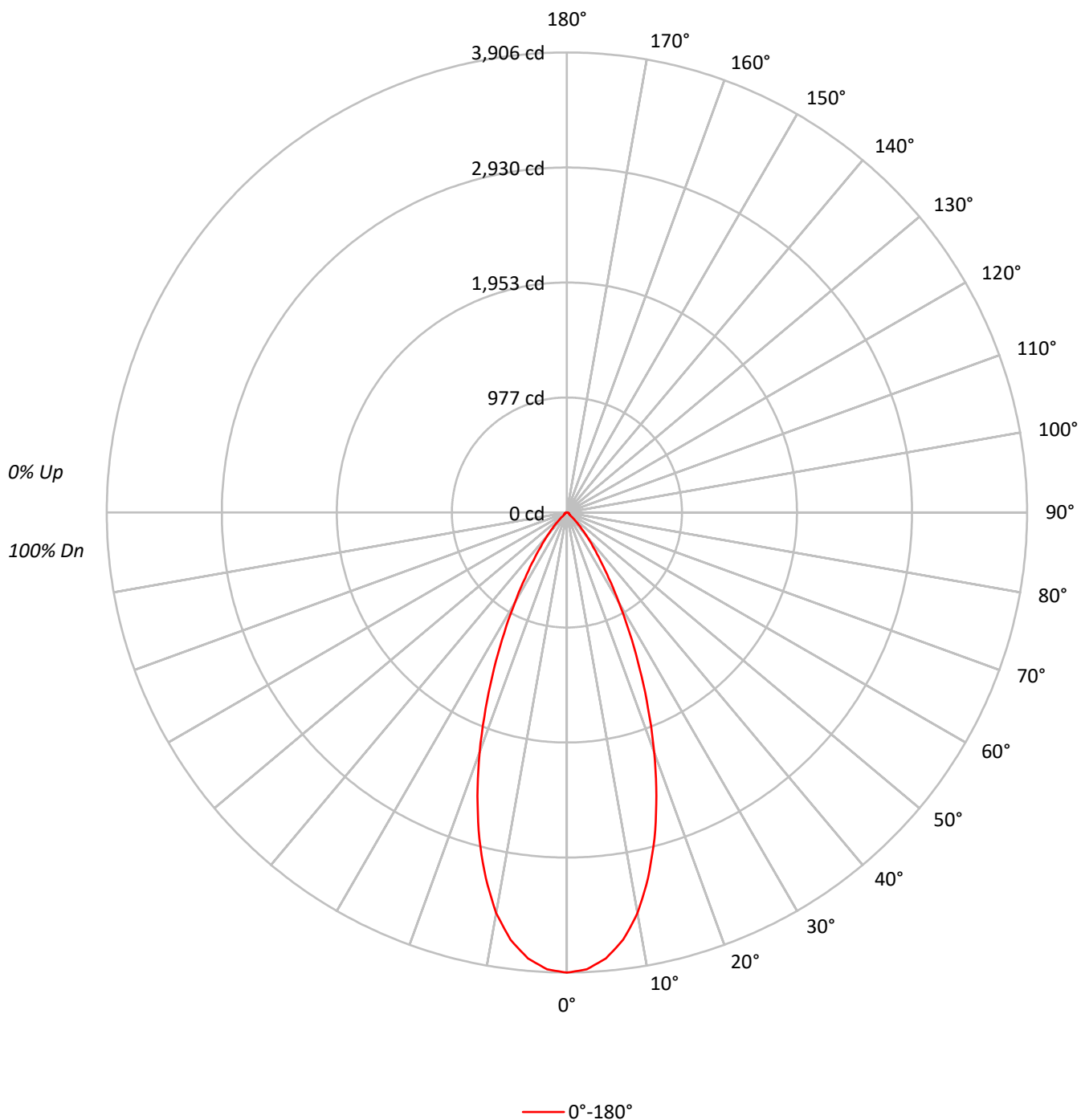
Lumens per Lamp: N/A
Luminaire Lumens: 2281.0 lumens
Efficiency: N/A
Efficacy: 79.2 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.69
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	114	111	109	107	111	109	107	105	105	103	102		101	100	99		98
2	109	104	100	97	106	102	99	96	99	96	94		96	94	92		93
3	104	98	93	89	102	96	92	88	94	90	87		91	88	86		89
4	99	92	87	83	97	91	86	82	89	85	81		87	83	80		85
5	94	87	81	77	93	86	81	77	84	80	76		82	79	76		81
6	90	82	76	73	89	81	76	72	80	75	72		78	74	71		77
7	86	78	72	68	85	77	72	68	76	71	68		75	71	67		74
8	83	74	68	65	82	73	68	64	72	68	64		71	67	64		70
9	79	70	65	61	78	70	65	61	69	64	61		68	64	61		67
10	76	67	62	58	75	67	62	58	66	61	58		65	61	58		65

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	856598
5°	836516
10°	768968
15°	651559
20°	505537
25°	353391
30°	222617
35°	131062
40°	74168
45°	36066
50°	12520
55°	10131
60°	9824
65°	9547
70°	9168
75°	8642
80°	7703
85°	5032

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 36066 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	351.8	15.4
10°-20°	788.2	34.6
20°-30°	669.3	29.3
30°-40°	319.3	14.0
40°-50°	96.2	4.2
50°-60°	24.4	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°	1809.2	79.3
0°-40°	2128.5	93.3
0°-60°	2249.0	98.6
0°-90°	2281.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2281.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3906	
5°	3800	352
15°	2870	788
25°	1461	669
35°	490	319
45°	116	96
55°	26	24
65°	18	18
75°	10	11
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	3906.4
2.5°	3881.9
5°	3800.3
7.5°	3659.6
10°	3453.5
12.5°	3180.2
15°	2870.1
17.5°	2525.4
20°	2166.4
22.5°	1801.2
25°	1460.6
27.5°	1150.5
30°	879.2
32.5°	660.9
35°	489.6
37.5°	361.1
40°	259.1
42.5°	179.5
45°	116.3
47.5°	65.3
50°	36.7
52.5°	28.6
55°	26.5
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)