

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: P1303770

Luminaire Tested: P3DUS24R509040D010 E3CBUS1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1303770
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-91)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3DUS24R509040D010 E3CBUS1MW
Description: 3in Adjustable LED luminaire with, R50 optic, 4000K CCT AND, 90CRI , E3CBUS1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

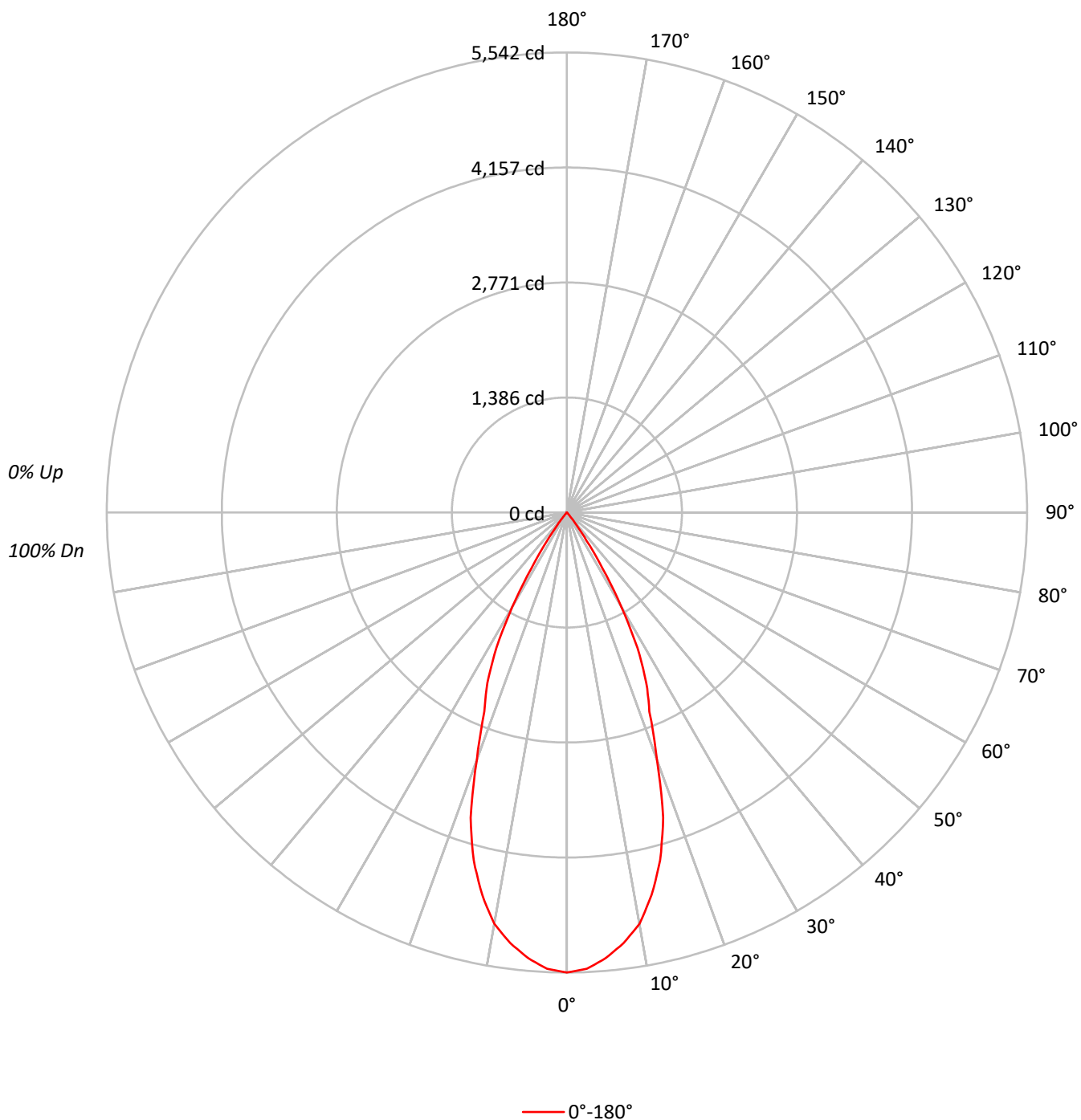
Lumens per Lamp: N/A
Luminaire Lumens: 3014.0 lumens
Efficiency: N/A
Efficacy: 104.7 lumens/watt
Spacing Criteria (0/90/45): 0.71 / 0.71 / 0.72
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1303770

CATALOG NUMBER: P3DUS24R509040D010 E3CBUS1MW

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	112	110	108	112	110	108	106	106	104	103		102	101	100		99
2	110	105	102	99	108	104	101	98	101	98	96		98	96	94		95
3	105	100	95	92	103	98	94	91	96	93	90		93	91	89		91
4	101	95	90	86	99	93	89	86	91	88	85		89	86	84		88
5	97	90	85	81	95	89	84	81	87	83	80		86	82	79		84
6	93	85	80	77	92	85	80	76	83	79	76		82	78	75		81
7	89	81	76	73	88	81	76	73	80	75	72		79	75	72		77
8	86	78	73	69	85	77	72	69	76	72	69		75	71	69		74
9	83	74	69	66	82	74	69	66	73	69	66		72	68	65		71
10	79	71	66	63	79	71	66	63	70	66	63		69	65	63		69

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1215144
5°	1186041
10°	1120442
15°	984705
20°	740734
25°	547653
30°	332228
35°	109834
40°	19351
45°	0
50°	0
55°	0
60°	0
65°	0
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

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

TEST NUMBER: P1303770

CATALOG NUMBER: P3DUS24R509040D010 E3CBUS1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	503.1	16.7
10°-20°	1179.6	39.1
20°-30°	1011.6	33.6
30°-40°	312.0	10.4
40°-50°	7.8	0.3
50°-60°	0.0	0.0
60°-70°	0.0	0.0
70°-80°	0.0	0.0
80°-90°	0.0	0.0
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°	2694.2	89.4
0°-40°	3006.2	99.7
0°-60°	3014.0	100.0
0°-90°	3014.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	3014.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	5542	
5°	5388	503
15°	4338	1180
25°	2264	1012
35°	410	312
45°	0	8
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	

TEST NUMBER: P1303770

CATALOG NUMBER: P3DUS24R509040D010 E3CBUS1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	5541.5
2.5°	5501.0
5°	5388.2
7.5°	5230.4
10°	5032.0
12.5°	4716.4
15°	4337.6
17.5°	3855.2
20°	3174.3
22.5°	2597.2
25°	2263.5
27.5°	1839.7
30°	1312.1
32.5°	798.1
35°	410.3
37.5°	184.9
40°	67.6
42.5°	9.0
45°	0.0
47.5°	0.0
50°	0.0
52.5°	0.0
55°	0.0
57.5°	0.0
60°	0.0
62.5°	0.0
65°	0.0
67.5°	0.0
70°	0.0
72.5°	0.0
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)