

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: P1302940

Luminaire Tested: P3DUS02R559024DE010 E3CBUS1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1302940
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-92)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3DUS02R559024DE010 E3CBUS1MW
Description: 3in Adjustable LED luminaire with, R55 optic, 2400K CCT AND, 90CRI , E3CBUS1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

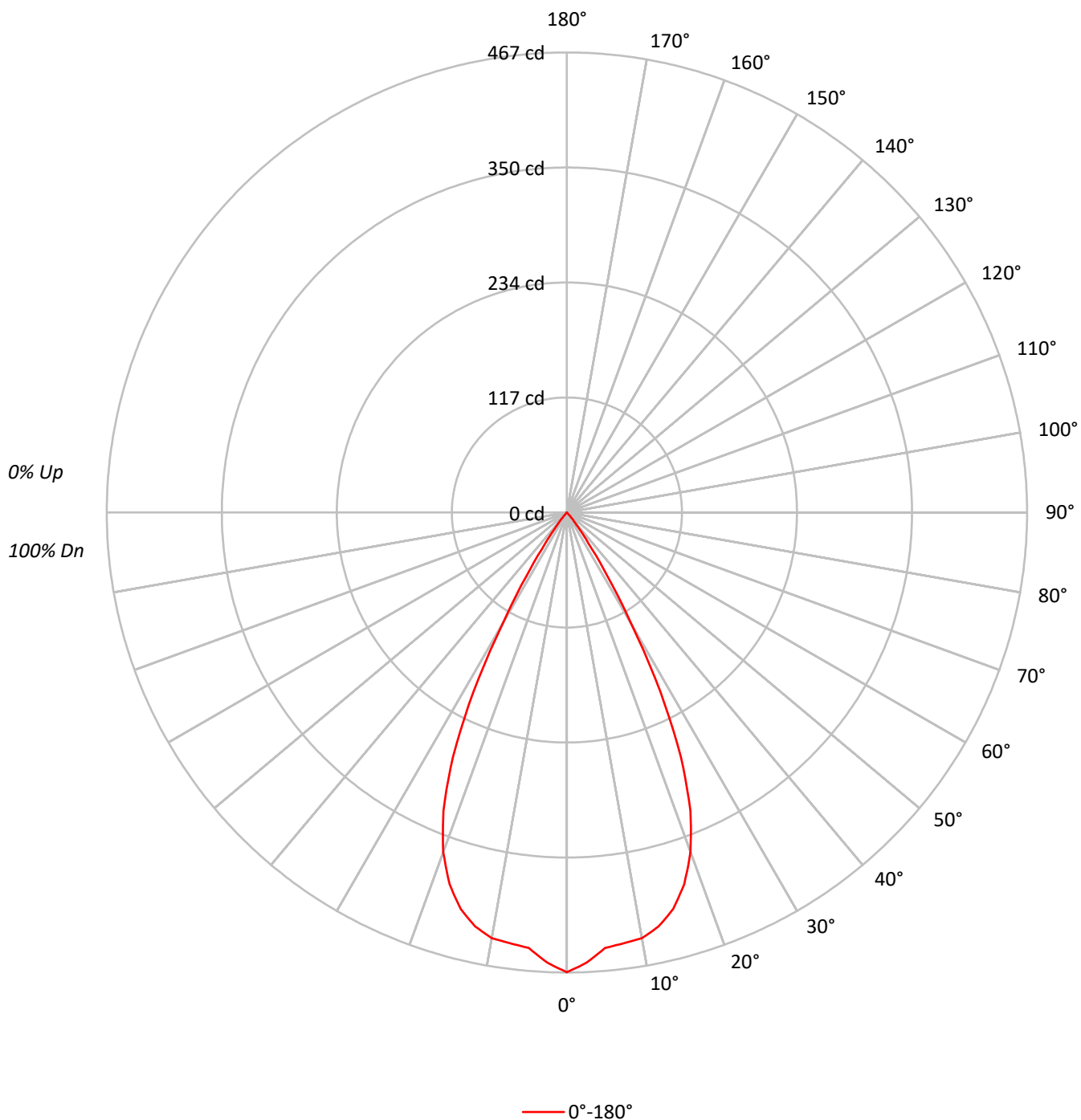
Lumens per Lamp: N/A
Luminaire Lumens: 308.0 lumens
Efficiency: N/A
Efficacy: 85.6 lumens/watt
Spacing Criteria (0/90/45): 0.87 / 0.87 / 0.77
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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				0
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		0
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		100
1	114	112	110	108	112	110	108	106	106	104	103		102	101	100		95
2	109	105	102	99	107	103	100	97	100	98	95		97	95	93		90
3	105	99	95	91	103	98	94	91	95	92	89		93	90	88		85
4	100	94	89	85	99	93	88	85	91	87	84		89	86	83		81
5	96	89	84	80	95	88	83	80	86	82	79		85	81	78		76
6	92	84	79	76	91	84	79	75	82	78	75		81	77	74		73
7	88	80	75	71	87	80	75	71	78	74	71		77	73	70		69
8	85	76	71	68	84	76	71	67	75	70	67		74	70	67		65
9	81	73	68	64	80	72	67	64	72	67	64		71	67	64		62
10	78	70	64	61	77	69	64	61	68	64	61		68	64	61		59

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	102338
5°	97688
10°	97682
15°	94598
20°	85594
25°	66270
30°	33195
35°	9985
40°	2147
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

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	42.4	13.8
10°-20°	115.6	37.5
20°-30°	119.0	38.6
30°-40°	30.0	9.7
40°-50°	1.0	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°	277.0	89.9
0°-40°	307.0	99.7
0°-60°	308.0	100.0
0°-90°	308.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	308.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	467	
5°	444	42
15°	417	116
25°	274	119
35°	37	30
45°	0	1
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	466.7
2.5°	457.4
5°	443.8
7.5°	441.0
10°	438.7
12.5°	430.3
15°	416.7
17.5°	395.7
20°	366.8
22.5°	327.6
25°	273.9
27.5°	205.8
30°	131.1
32.5°	76.1
35°	37.3
37.5°	17.7
40°	7.5
42.5°	1.9
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)