

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: P1304353

Luminaire Tested: P3DUS09R359735DE010 E3CBUS1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1304353
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-89)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3DUS09R359735DE010 E3CBUS1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 3500K CCT AND, 97CRI , E3CBUS1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

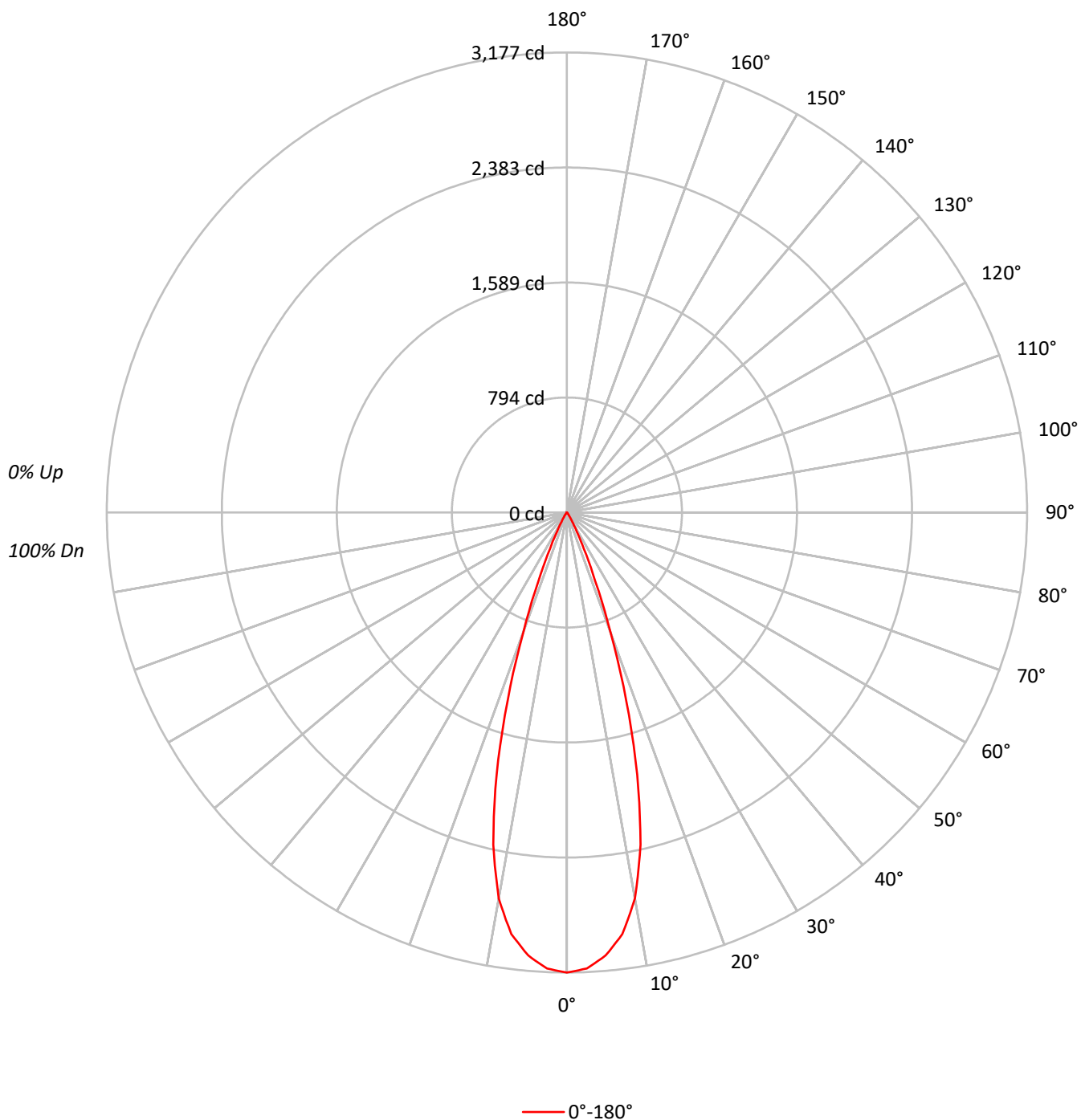
Lumens per Lamp: N/A
Luminaire Lumens: 951.0 lumens
Efficiency: N/A
Efficacy: 85.7 lumens/watt
Spacing Criteria (0/90/45): 0.55 / 0.55 / 0.5
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
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	99	98
1	115	113	111	109	113	111	109	108	107	105	104	103	102	101	100	99	98	97	96	95
2	111	108	105	102	109	106	103	101	103	101	99	100	98	97	97	96	95	94	93	92
3	108	103	99	97	106	102	98	96	99	97	94	97	95	93	95	93	92	91	90	89
4	104	99	95	92	103	98	94	92	96	93	90	94	92	89	92	90	89	88	87	86
5	101	95	91	88	100	94	91	88	93	90	87	91	89	86	90	88	86	85	84	83
6	98	92	88	85	97	91	87	85	90	87	84	89	86	83	88	85	83	82	81	80
7	95	89	85	82	94	88	84	82	87	84	81	86	83	81	85	83	80	79	78	77
8	93	86	82	79	92	86	82	79	85	81	79	84	81	78	83	80	78	77	76	75
9	90	83	79	77	89	83	79	76	82	79	76	82	78	76	81	78	76	75	74	73
10	88	81	77	74	87	81	77	74	80	76	74	79	76	74	79	76	74	73	72	71

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	696677
5°	675895
10°	602683
15°	425769
20°	205375
25°	66560
30°	18737
35°	7522
40°	2118
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°	282.0	29.7
10°-20°	495.7	52.1
20°-30°	152.3	16.0
30°-40°	19.8	2.1
40°-50°	1.2	0.1
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°	930.0	97.8
0°-40°	949.8	99.9
0°-60°	951.0	100.0
0°-90°	951.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	951.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3177	
5°	3071	282
15°	1876	496
25°	275	152
35°	28	20
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°	3177.1
2.5°	3151.9
5°	3070.6
7.5°	2936.0
10°	2706.7
12.5°	2348.8
15°	1875.5
17.5°	1360.8
20°	880.1
22.5°	510.3
25°	275.1
27.5°	145.0
30°	74.0
32.5°	44.4
35°	28.1
37.5°	17.7
40°	7.4
42.5°	3.0
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)