

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: P1304291

Luminaire Tested: P3DUS02R159735DE010 E3CBUS1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1304291
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-85)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3DUS02R159735DE010 E3CBUS1MW
Description: 3in Adjustable LED luminaire with, R15 optic, 3500K CCT AND, 97CRI , E3CBUS1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

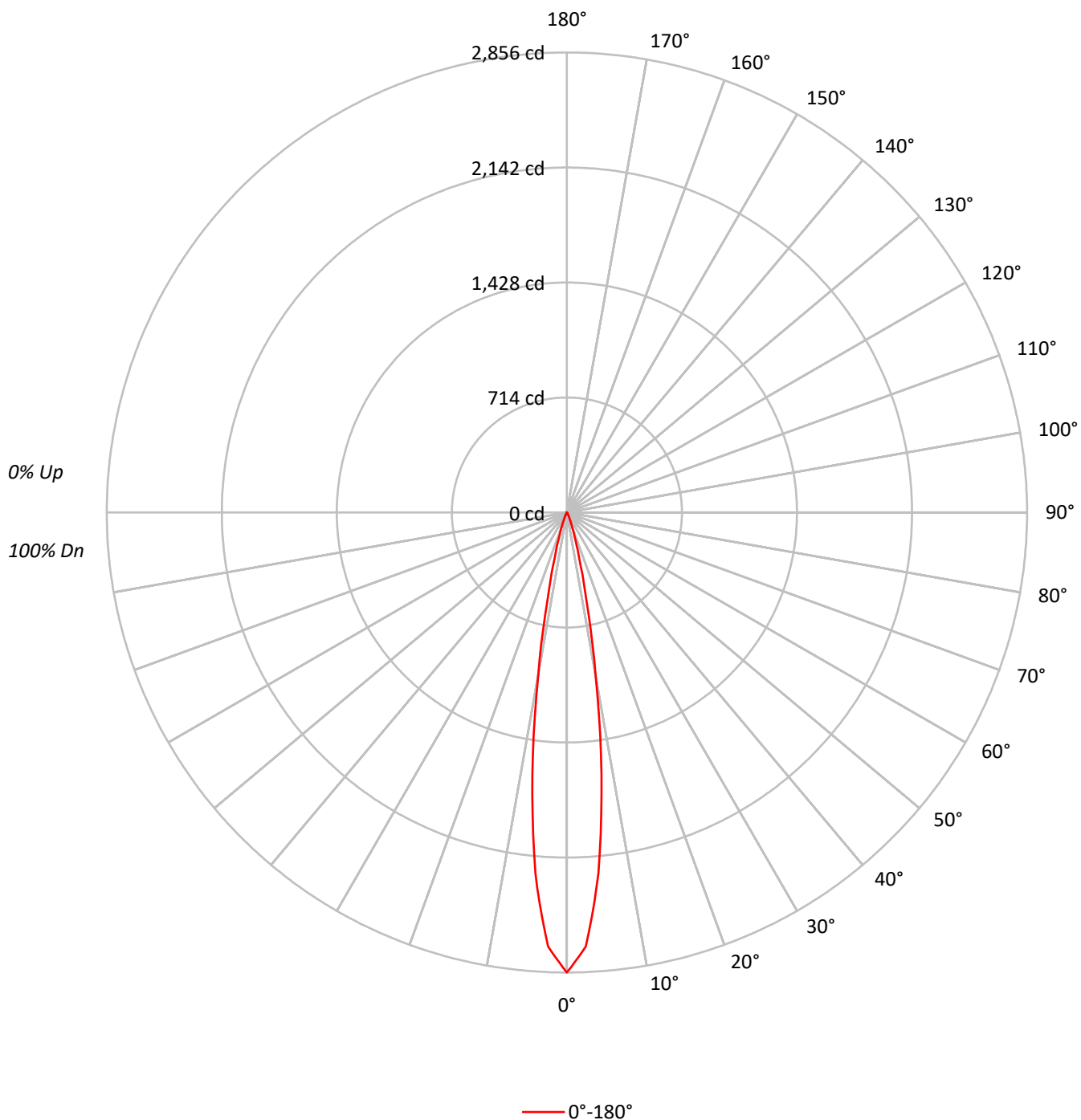
Lumens per Lamp: N/A
Luminaire Lumens: 293.0 lumens
Efficiency: N/A
Efficacy: 81.4 lumens/watt
Spacing Criteria (0/90/45): 0.29 / 0.29 / 0.29
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1304291

CATALOG NUMBER: P3DUS02R159735DE010 E3CBUS1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1304291

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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
RCR																					
0	119	119	119	119		116	116	116	116		111	111	111		106	106	106		102	102	102
1	116	114	112	111		113	112	110	109		108	107	106		104	103	103		101	100	100
2	113	110	107	105		111	108	106	104		105	103	102		102	101	100		100	99	98
3	110	106	103	101		109	105	102	100		103	101	99		101	99	97		98	97	96
4	108	103	100	98		106	102	100	97		101	98	96		99	97	95		97	96	94
5	106	101	98	95		104	100	97	95		99	96	94		97	95	93		96	94	93
6	104	99	95	93		102	98	95	93		97	94	92		96	93	92		95	93	91
7	102	97	93	91		101	96	93	91		95	92	90		94	92	90		93	91	90
8	100	95	92	89		99	94	91	89		94	91	89		93	90	89		92	90	88
9	98	93	90	88		97	93	90	88		92	89	88		91	89	87		91	89	87
10	97	92	89	87		96	91	88	86		91	88	86		90	88	86		90	87	86

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	626200
5°	494980
10°	228275
15°	66107
20°	21235
25°	7984
30°	2988
35°	910
40°	286
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: 52.5°

Luminance: 180 cd/sqm

TEST NUMBER: P1304291

CATALOG NUMBER: P3DUS02R159735DE010 E3CBUS1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	174.6	59.6
10°-20°	98.3	33.5
20°-30°	17.2	5.9
30°-40°	2.6	0.9
40°-50°	0.2	0.1
50°-60°	0.1	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°	290.1	99.0
0°-40°	292.7	99.9
0°-60°	293.0	100.0
0°-90°	293.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	293.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2856	
5°	2249	175
15°	291	98
25°	33	17
35°	3	3
45°	0	0
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	2855.7
2.5°	2696.8
5°	2248.7
7.5°	1642.1
10°	1025.2
12.5°	554.4
15°	291.2
17.5°	161.4
20°	91.0
22.5°	53.1
25°	33.0
27.5°	20.2
30°	11.8
32.5°	5.4
35°	3.4
37.5°	2.0
40°	1.0
42.5°	0.5
45°	0.0
47.5°	0.0
50°	0.0
52.5°	0.5
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)