

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: P1303583

Luminaire Tested: P3DUS20R509035D010 E3CBUS1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1303583
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: P3DUS20R509035D010 E3CBUS1MW
Description: 3in Adjustable LED luminaire with, R50 optic, 3500K CCT AND, 90CRI , E3CBUS1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

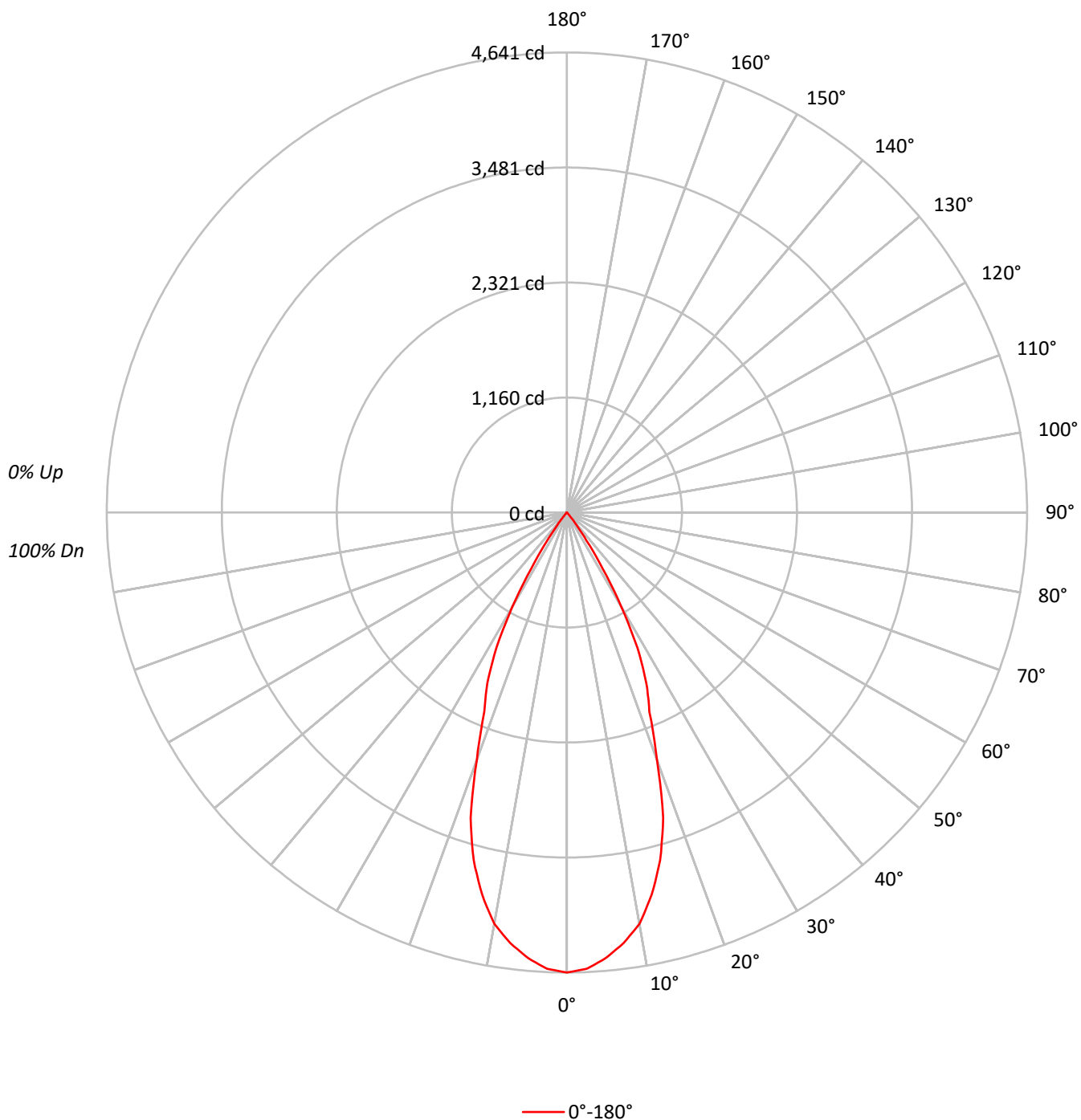
Lumens per Lamp: N/A
Luminaire Lumens: 2524.0 lumens
Efficiency: N/A
Efficacy: 87.6 lumens/watt
Spacing Criteria (0/90/45): 0.71 / 0.71 / 0.72
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

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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
RCR																					
0	119	119	119	119		116	116	116	116		111	111	111		106	106	106		102	102	102
1	114	112	110	108		112	110	108	106		106	104	103		102	101	100		99	98	97
2	110	105	102	99		108	104	101	98		101	98	96		98	96	94		95	93	92
3	105	100	95	92		103	98	94	91		96	93	90		93	91	89		91	89	87
4	101	95	90	86		99	93	89	86		91	88	85		89	86	84		88	85	83
5	97	90	85	81		95	89	84	81		87	83	80		86	82	79		84	81	79
6	93	85	80	77		92	85	80	76		83	79	76		82	78	75		81	78	75
7	89	81	76	73		88	81	76	73		80	75	72		79	75	72		77	74	72
8	86	78	73	69		85	77	72	69		76	72	69		75	71	69		74	71	68
9	83	74	69	66		82	74	69	66		73	69	66		72	68	65		71	68	65
10	79	71	66	63		79	71	66	63		70	66	63		69	65	63		69	65	62

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1017594
5°	993218
10°	938281
15°	824613
20°	620324
25°	458615
30°	278220
35°	91979
40°	16202
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°	421.3	16.7
10°-20°	987.8	39.1
20°-30°	847.1	33.6
30°-40°	261.2	10.4
40°-50°	6.5	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°	2256.2	89.4
0°-40°	2517.5	99.7
0°-60°	2524.0	100.0
0°-90°	2524.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2524.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	4641	
5°	4512	421
15°	3632	988
25°	1896	847
35°	344	261
45°	0	7
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	4640.6
2.5°	4606.6
5°	4512.2
7.5°	4380.1
10°	4213.9
12.5°	3949.6
15°	3632.4
17.5°	3228.4
20°	2658.3
22.5°	2174.9
25°	1895.5
27.5°	1540.6
30°	1098.8
32.5°	668.3
35°	343.6
37.5°	154.8
40°	56.6
42.5°	7.6
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)