

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: P1303281

Luminaire Tested: P3DUS02R209030DE010 E3CBUS1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1303281
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-86)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3DUS02R209030DE010 E3CBUS1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 3000K CCT AND, 90CRI , E3CBUS1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

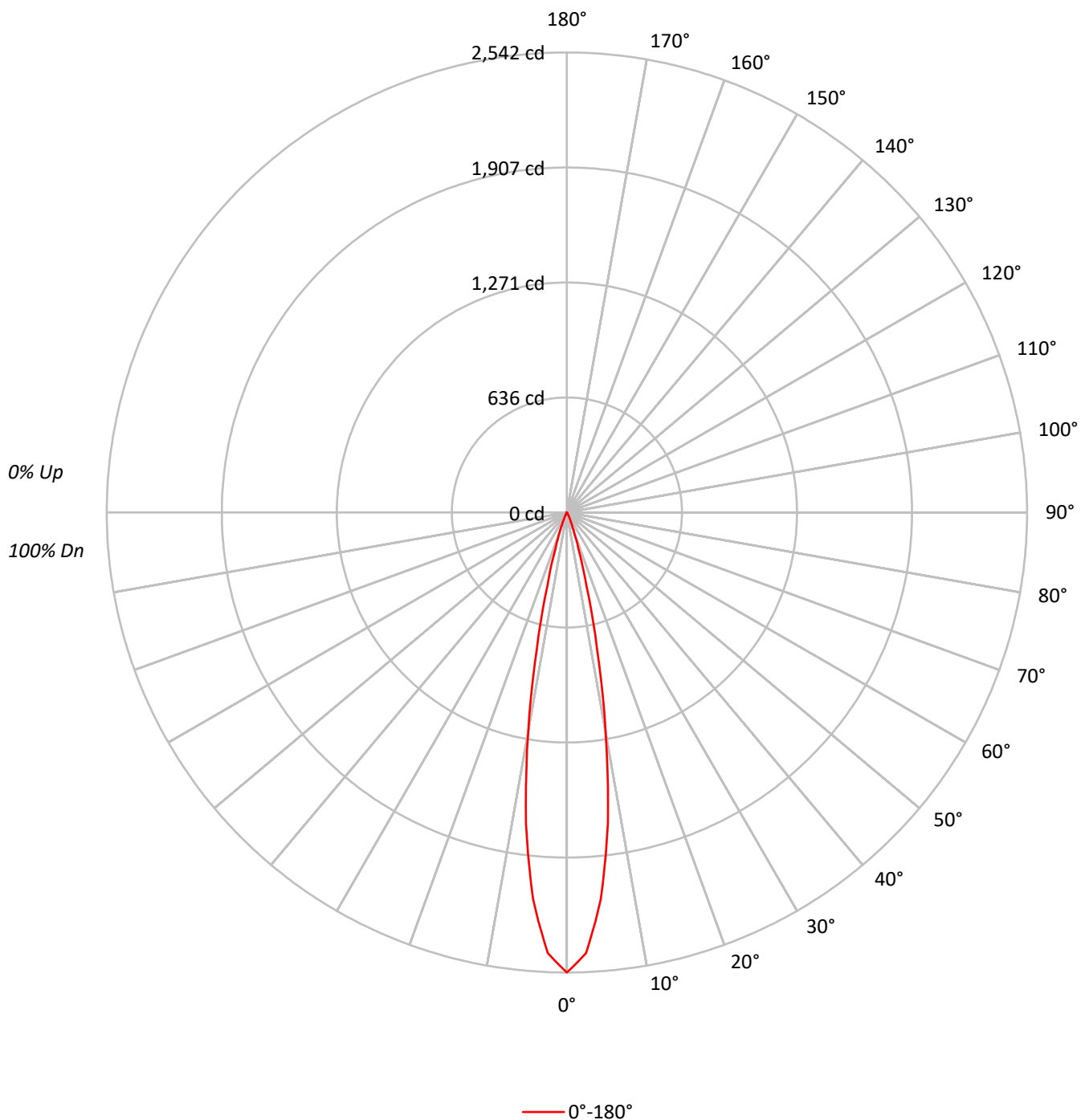
Lumens per Lamp: N/A
Luminaire Lumens: 329.0 lumens
Efficiency: N/A
Efficacy: 91.4 lumens/watt
Spacing Criteria (0/90/45): 0.34 / 0.34 / 0.33
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1303281

CATALOG NUMBER: P3DUS02R209030DE010 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	116	114	112	111	113	112	110	109	108	107	106		104	103	102		101
2	113	109	107	105	111	108	106	104	105	103	101		102	101	99		99
3	110	106	103	100	108	105	102	100	102	100	98		100	98	97		98
4	107	103	99	97	106	102	99	96	100	97	95		98	96	94		96
5	105	100	97	94	104	99	96	94	98	95	93		96	94	92		95
6	103	98	94	92	102	97	94	91	96	93	91		95	92	90		93
7	101	95	92	90	100	95	92	89	94	91	89		93	90	89		92
8	99	93	90	88	98	93	90	88	92	89	87		91	89	87		91
9	97	92	88	86	96	91	88	86	90	88	86		90	87	85		89
10	95	90	87	85	95	90	86	84	89	86	84		88	86	84		88

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	557324
5°	472220
10°	274655
15°	94302
20°	27162
25°	8323
30°	2279
35°	1285
40°	601
45°	155
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: 155 cd/sqm

TEST NUMBER: P1303281

CATALOG NUMBER: P3DUS02R209030DE010 E3CBUS1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	175.6	53.4
10°-20°	130.7	39.7
20°-30°	19.1	5.8
30°-40°	3.1	0.9
40°-50°	0.5	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°	325.5	98.9
0°-40°	328.5	99.9
0°-60°	329.0	100.0
0°-90°	329.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	329.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2542	
5°	2145	176
15°	415	131
25°	34	19
35°	5	3
45°	0	0
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	

TEST NUMBER: P1303281

CATALOG NUMBER: P3DUS02R209030DE010 E3CBUS1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	2541.6
2.5°	2436.8
5°	2145.3
7.5°	1730.9
10°	1233.5
12.5°	765.7
15°	415.4
17.5°	214.8
20°	116.4
22.5°	64.0
25°	34.4
27.5°	16.4
30°	9.0
32.5°	6.4
35°	4.8
37.5°	3.2
40°	2.1
42.5°	1.1
45°	0.5
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)