

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: P1303050

Luminaire Tested: P3RT17R209024DE010 E3CBUS1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1303050
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: P3RT17R209024DE010 E3CBUS1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 2400K CCT AND, 90CRI , E3CBUS1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

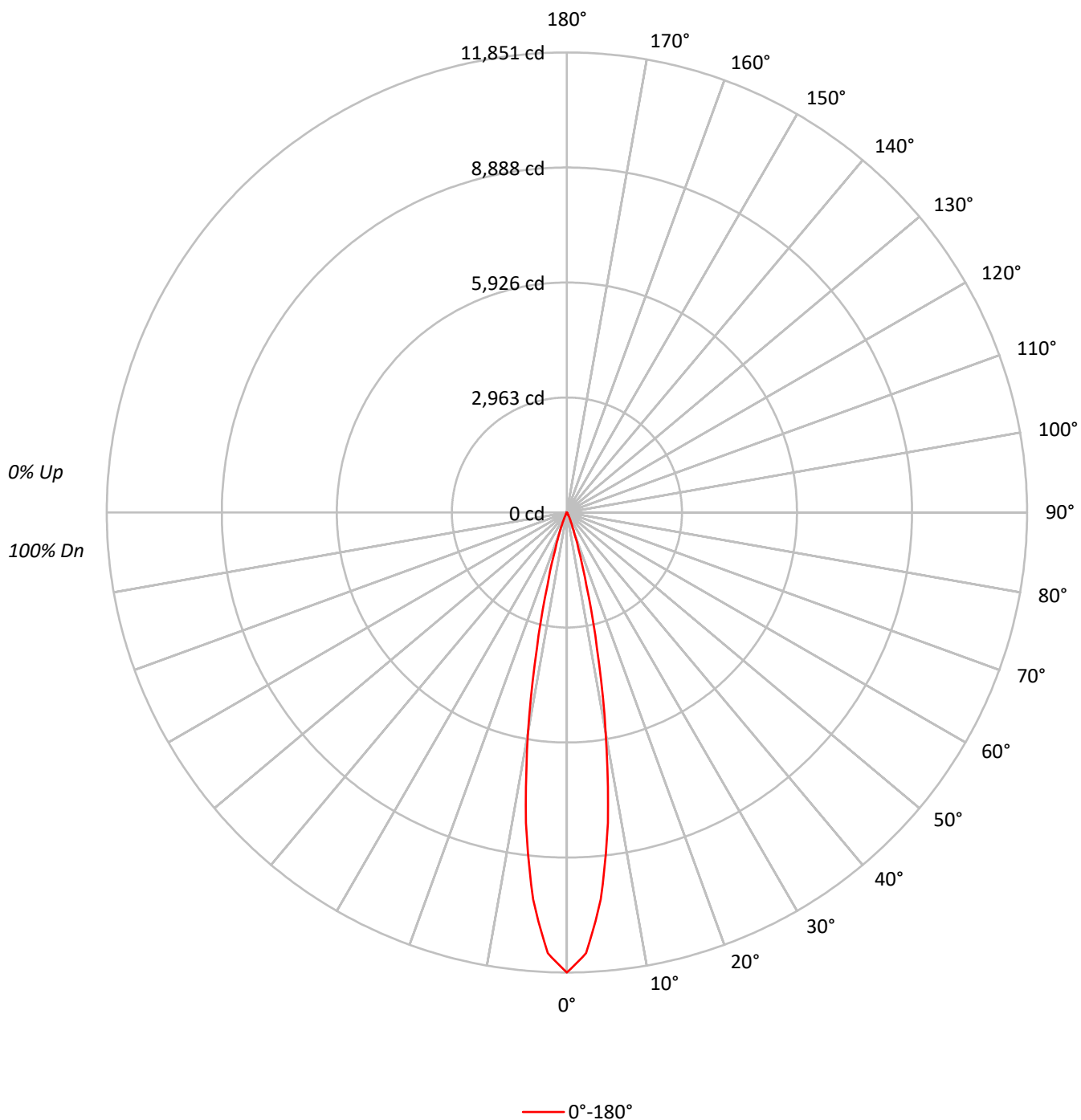
Lumens per Lamp: N/A
Luminaire Lumens: 1534.0 lumens
Efficiency: N/A
Efficacy: 72.4 lumens/watt
Spacing Criteria (0/90/45): 0.34 / 0.34 / 0.33
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
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	116	114	112	111	113	112	110	109	108	107	106	104	103	102	101	100	100
2	113	109	107	105	111	108	106	104	105	103	101	102	101	99	99	98	97
3	110	106	103	100	108	105	102	100	102	100	98	100	98	97	98	96	95
4	107	103	99	97	106	102	99	96	100	97	95	98	96	94	96	95	93
5	105	100	97	94	104	99	96	94	98	95	93	96	94	92	95	93	91
6	103	98	94	92	102	97	94	91	96	93	91	95	92	90	93	91	90
7	101	95	92	90	100	95	92	89	94	91	89	93	90	89	92	90	88
8	99	93	90	88	98	93	90	88	92	89	87	91	89	87	91	88	87
9	97	92	88	86	96	91	88	86	90	88	86	90	87	85	89	87	85
10	95	90	87	85	95	90	86	84	89	86	84	88	86	84	88	86	84

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	2598608
5°	2201755
10°	1280626
15°	439707
20°	126664
25°	38809
30°	10609
35°	5943
40°	2834
45°	775
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: 775 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	818.8	53.4
10°-20°	609.4	39.7
20°-30°	89.3	5.8
30°-40°	14.1	0.9
40°-50°	2.3	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°	1517.6	98.9
0°-40°	1531.7	99.9
0°-60°	1534.0	100.0
0°-90°	1534.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1534.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	11851	
5°	10003	819
15°	1937	609
25°	160	89
35°	22	14
45°	2	2
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	11850.6
2.5°	11362.1
5°	10002.6
7.5°	8070.7
10°	5751.4
12.5°	3570.2
15°	1936.9
17.5°	1001.7
20°	542.8
22.5°	298.5
25°	160.4
27.5°	76.5
30°	41.9
32.5°	29.6
35°	22.2
37.5°	14.8
40°	9.9
42.5°	4.9
45°	2.5
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)