

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: P1304645

Luminaire Tested: P3RT17R459827DE010 E3CBUS1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1304645
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-96)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3RT17R459827DE010 E3CBUS1MW
Description: 3in Adjustable LED luminaire with, R45 optic, 2700K CCT AND, 98CRI , E3CBUS1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

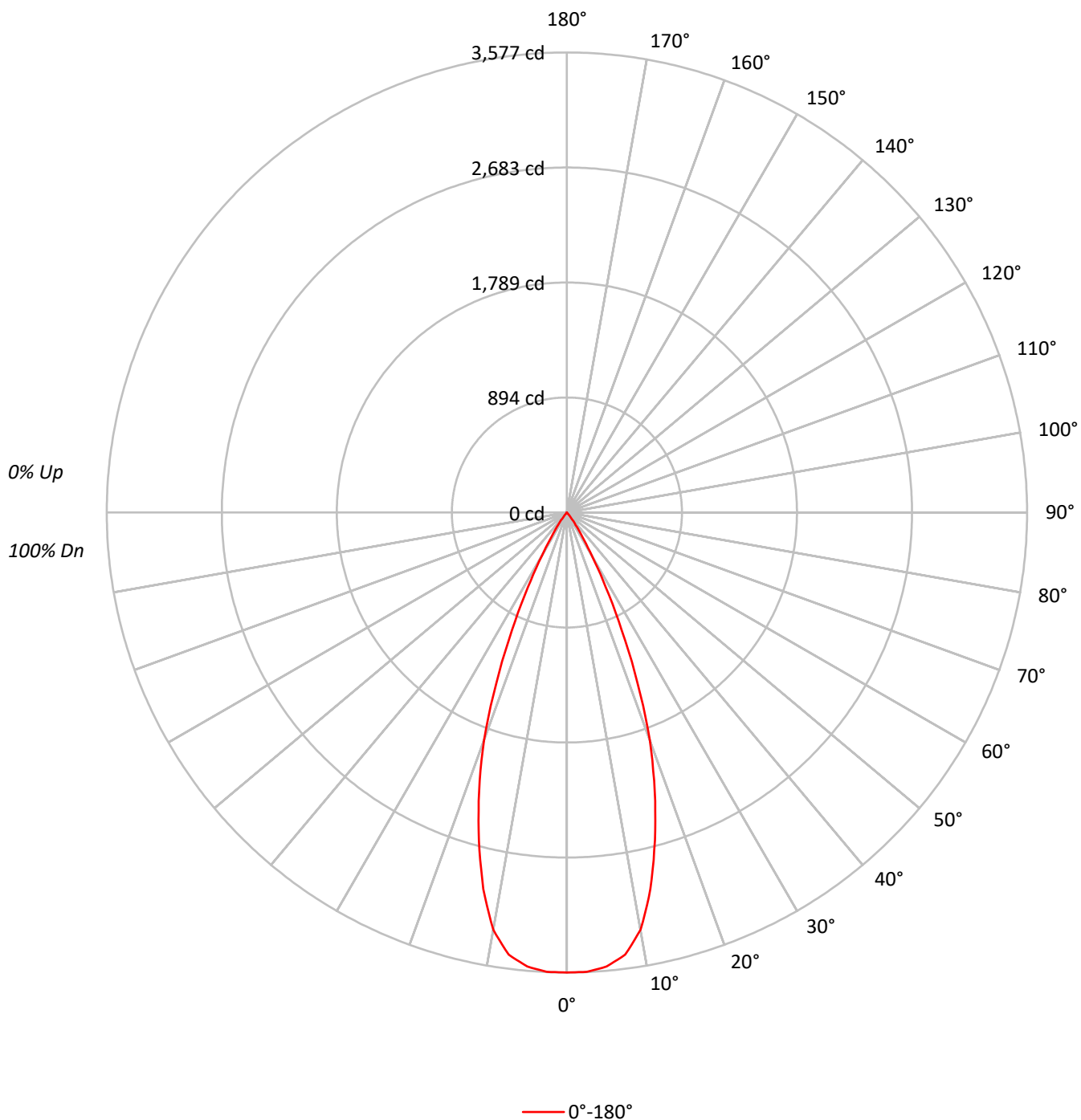
Lumens per Lamp: N/A
Luminaire Lumens: 1617.0 lumens
Efficiency: N/A
Efficacy: 79.3 lumens/watt
Spacing Criteria (0/90/45): 0.67 / 0.67 / 0.63
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 20.4
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
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	115	112	110	108	112	110	108	107	106	105	103		102	101	100		99
2	110	106	103	100	108	105	102	99	101	99	97		99	97	95		96
3	106	101	97	94	104	100	96	93	97	94	92		95	92	90		93
4	102	96	92	88	101	95	91	88	93	90	87		91	88	86		89
5	98	92	87	84	97	91	87	83	89	86	83		88	85	82		86
6	95	88	83	80	94	87	83	79	86	82	79		84	81	78		83
7	92	84	79	76	90	84	79	76	82	78	76		81	78	75		80
8	88	81	76	73	87	80	76	73	79	75	72		78	75	72		78
9	85	78	73	70	84	77	73	70	76	72	70		76	72	69		75
10	82	75	70	67	82	74	70	67	74	70	67		73	69	67		72

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	784345
5°	780033
10°	733520
15°	599572
20°	439522
25°	243667
30°	97433
35°	31802
40°	7471
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°	330.8	20.5
10°-20°	723.5	44.7
20°-30°	468.7	29.0
30°-40°	90.8	5.6
40°-50°	3.2	0.2
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°	1523.0	94.2
0°-40°	1613.8	99.8
0°-60°	1617.0	100.0
0°-90°	1617.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1617.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3577	
5°	3544	331
15°	2641	723
25°	1007	469
35°	119	91
45°	0	3
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	3576.9
2.5°	3574.6
5°	3543.7
7.5°	3467.7
10°	3294.3
12.5°	2999.8
15°	2641.1
17.5°	2270.6
20°	1883.5
22.5°	1434.6
25°	1007.1
27.5°	653.2
30°	384.8
32.5°	218.5
35°	118.8
37.5°	61.8
40°	26.1
42.5°	4.8
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)