

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: P1304701

Luminaire Tested: P3DUS17R259830DE010 E3CBUS1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1304701
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-87)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3DUS17R259830DE010 E3CBUS1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 98CRI , E3CBUS1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

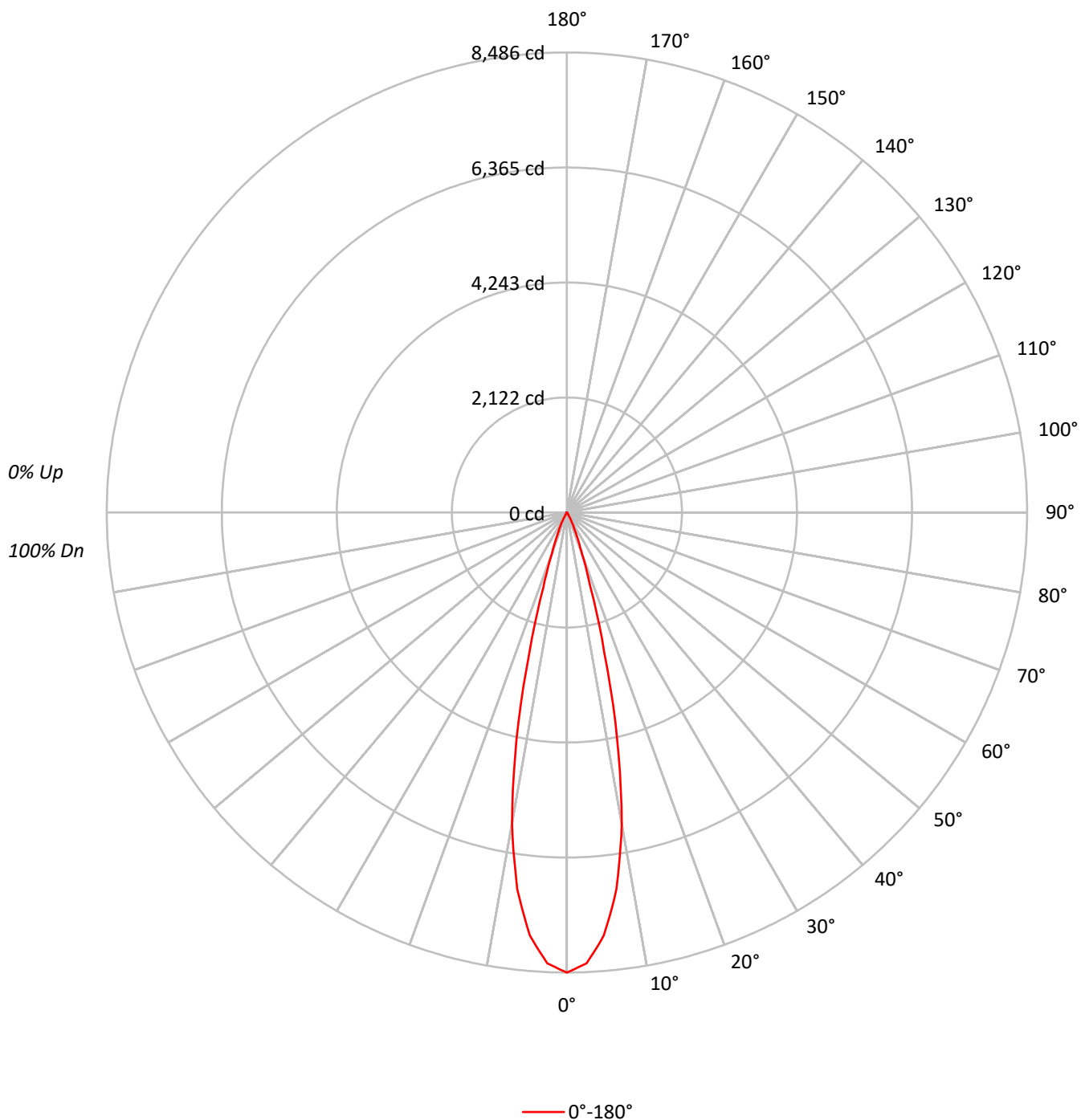
Lumens per Lamp: N/A
Luminaire Lumens: 1613.0 lumens
Efficiency: N/A
Efficacy: 79.1 lumens/watt
Spacing Criteria (0/90/45): 0.43 / 0.43 / 0.39
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	100	100
1	115	113	112	110	113	111	110	108	107	106	105	104	103	102	100	100	99	97	97	97
2	112	109	106	104	110	107	105	103	104	102	100	101	100	98	99	97	96	95	95	95
3	109	105	101	99	107	103	100	98	101	99	97	99	97	95	97	95	94	92	92	92
4	106	101	98	95	105	100	97	94	98	95	93	96	94	92	95	93	91	90	90	90
5	103	98	94	92	102	97	94	91	96	93	90	94	92	90	93	91	89	88	88	88
6	101	95	91	89	100	95	91	88	93	90	88	92	89	87	91	89	87	86	86	86
7	98	93	89	86	97	92	89	86	91	88	86	90	87	85	89	87	85	84	84	84
8	96	90	87	84	95	90	86	84	89	86	84	88	85	83	87	85	83	82	82	82
9	94	88	84	82	93	88	84	82	87	84	82	86	83	81	86	83	81	80	80	80
10	92	86	83	80	91	86	82	80	85	82	80	84	82	80	84	81	80	79	79	79

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1860772
5°	1723636
10°	1297883
15°	603159
20°	189810
25°	73407
30°	21294
35°	6826
40°	2176
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°	684.1	42.4
10°-20°	754.0	46.7
20°-30°	154.9	9.6
30°-40°	18.8	1.2
40°-50°	1.1	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°	1593.0	98.8
0°-40°	1611.8	99.9
0°-60°	1613.0	100.0
0°-90°	1613.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1613.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	8486	
5°	7830	684
15°	2657	754
25°	303	155
35°	26	19
45°	0	1
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	8485.8
2.5°	8322.6
5°	7830.5
7.5°	7006.9
10°	5828.9
12.5°	4293.9
15°	2656.9
17.5°	1445.7
20°	813.4
22.5°	497.2
25°	303.4
27.5°	170.8
30°	84.1
32.5°	38.2
35°	25.5
37.5°	15.3
40°	7.6
42.5°	2.5
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)