

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: P1304837

Luminaire Tested: P3DUS20R459840D010 E3CBUS1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1304837
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: P3DUS20R459840D010 E3CBUS1MW
Description: 3in Adjustable LED luminaire with, R45 optic, 4000K CCT AND, 98CRI , E3CBUS1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

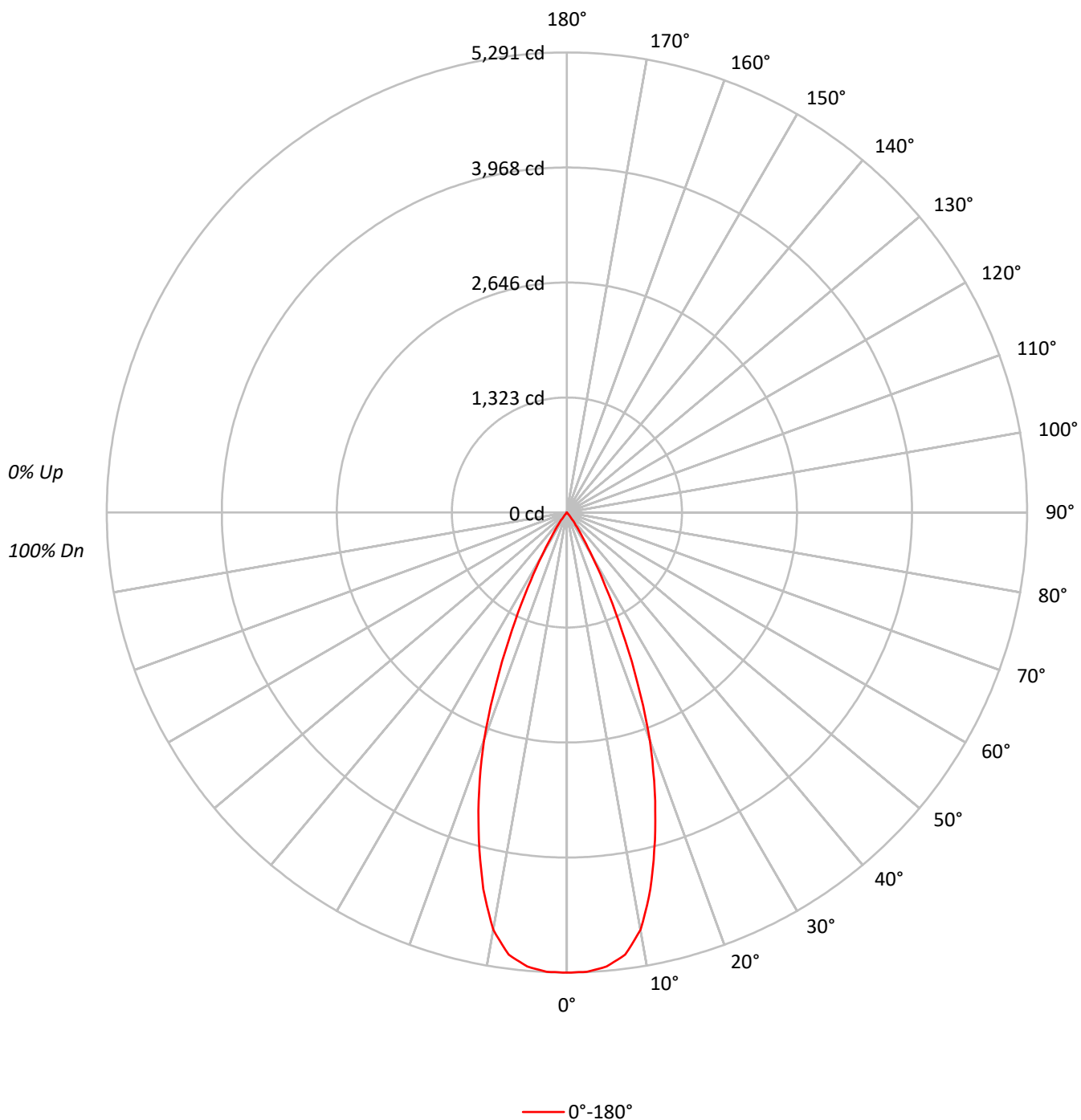
Lumens per Lamp: N/A
Luminaire Lumens: 2392.0 lumens
Efficiency: N/A
Efficacy: 87.3 lumens/watt
Spacing Criteria (0/90/45): 0.67 / 0.67 / 0.63
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 27.4
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°	1160280
5°	1153882
10°	1085083
15°	886952
20°	650170
25°	360432
30°	144123
35°	47034
40°	11049
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°	489.4	20.5
10°-20°	1070.3	44.7
20°-30°	693.3	29.0
30°-40°	134.2	5.6
40°-50°	4.8	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°	2253.0	94.2
0°-40°	2387.2	99.8
0°-60°	2392.0	100.0
0°-90°	2392.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2392.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	5291	
5°	5242	489
15°	3907	1070
25°	1490	693
35°	176	134
45°	0	5
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	5291.3
2.5°	5287.8
5°	5242.1
7.5°	5129.7
10°	4873.2
12.5°	4437.5
15°	3907.0
17.5°	3358.9
20°	2786.2
22.5°	2122.1
25°	1489.7
27.5°	966.2
30°	569.2
32.5°	323.2
35°	175.7
37.5°	91.4
40°	38.6
42.5°	7.0
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)