

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: P1304833

Luminaire Tested: P3DUS20R259840D010 E3CBUS1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1304833
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: P3DUS20R259840D010 E3CBUS1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 4000K CCT AND, 98CRI , E3CBUS1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

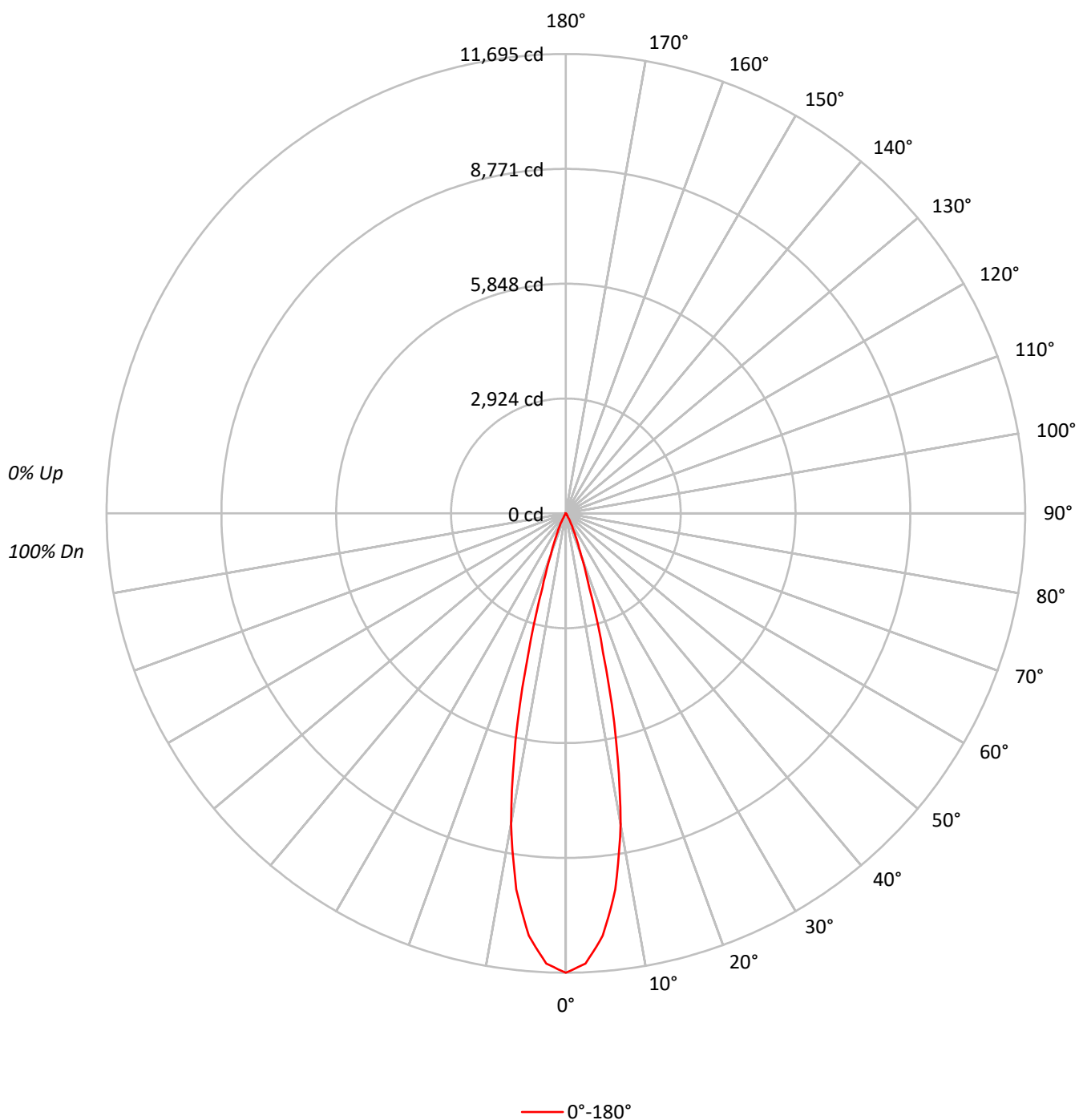
Lumens per Lamp: N/A
Luminaire Lumens: 2223.0 lumens
Efficiency: N/A
Efficacy: 81.1 lumens/watt
Spacing Criteria (0/90/45): 0.43 / 0.43 / 0.39
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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

TEST NUMBER: P1304833

CATALOG NUMBER: P3DUS20R259840D010 E3CBUS1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1304833

CATALOG NUMBER: P3DUS20R259840D010 E3CBUS1MW

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

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	2564466
5°	2375473
10°	1788700
15°	831265
20°	261589
25°	101183
30°	29372
35°	9396
40°	3006
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

TEST NUMBER: P1304833

CATALOG NUMBER: P3DUS20R259840D010 E3CBUS1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	942.8	42.4
10°-20°	1039.2	46.7
20°-30°	213.4	9.6
30°-40°	25.9	1.2
40°-50°	1.6	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°	2195.4	98.8
0°-40°	2221.4	99.9
0°-60°	2223.0	100.0
0°-90°	2223.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2223.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	11695	
5°	10792	943
15°	3662	1039
25°	418	213
35°	35	26
45°	0	2
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	

TEST NUMBER: P1304833

CATALOG NUMBER: P3DUS20R259840D010 E3CBUS1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	11694.9
2.5°	11470.0
5°	10791.8
7.5°	9656.7
10°	8033.2
12.5°	5917.7
15°	3661.7
17.5°	1992.5
20°	1121.0
22.5°	685.2
25°	418.2
27.5°	235.4
30°	116.0
32.5°	52.7
35°	35.1
37.5°	21.1
40°	10.5
42.5°	3.5
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)