

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: P1304072

Luminaire Tested: P3DUS20R259727D010 E3CBUS1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1304072
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: P3DUS20R259727D010 E3CBUS1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 2700K CCT AND, 97CRI , E3CBUS1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

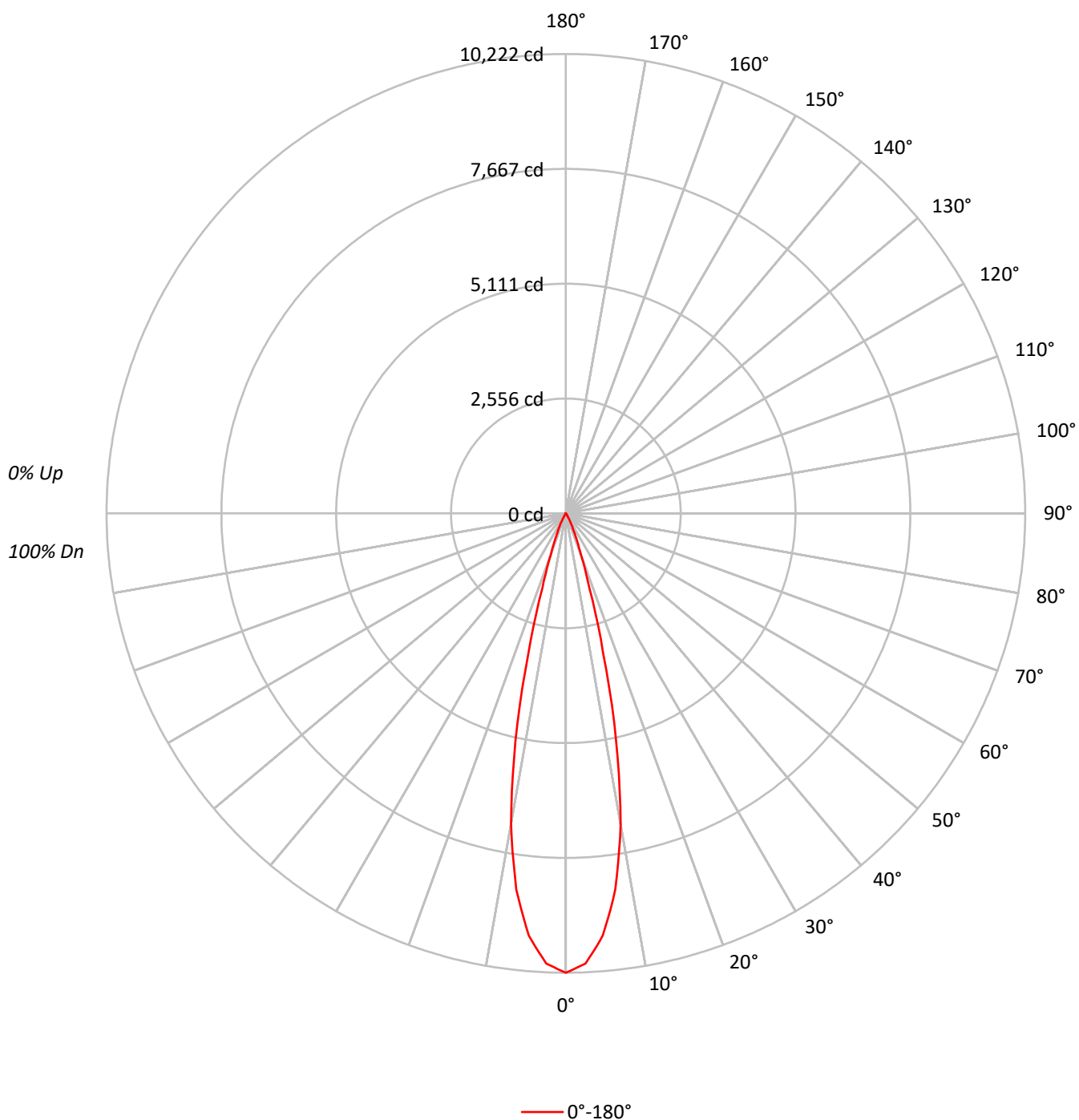
Lumens per Lamp: N/A
Luminaire Lumens: 1943.0 lumens
Efficiency: N/A
Efficacy: 67.5 lumens/watt
Spacing Criteria (0/90/45): 0.43 / 0.43 / 0.39
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
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: P1304072

CATALOG NUMBER: P3DUS20R259727D010 E3CBUS1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1304072

CATALOG NUMBER: P3DUS20R259727D010 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	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°	2241465
5°	2076266
10°	1563409
15°	726565
20°	228640
25°	88433
30°	25675
35°	8218
40°	2634
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: P1304072

CATALOG NUMBER: P3DUS20R259727D010 E3CBUS1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	824.1	42.4
10°-20°	908.3	46.7
20°-30°	186.6	9.6
30°-40°	22.7	1.2
40°-50°	1.4	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°	1918.9	98.8
0°-40°	1941.6	99.9
0°-60°	1943.0	100.0
0°-90°	1943.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1943.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	10222	
5°	9432	824
15°	3200	908
25°	366	187
35°	31	23
45°	0	1
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	

TEST NUMBER: P1304072

CATALOG NUMBER: P3DUS20R259727D010 E3CBUS1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	10221.9
2.5°	10025.3
5°	9432.5
7.5°	8440.4
10°	7021.4
12.5°	5172.4
15°	3200.5
17.5°	1741.5
20°	979.8
22.5°	598.9
25°	365.5
27.5°	205.8
30°	101.4
32.5°	46.1
35°	30.7
37.5°	18.4
40°	9.2
42.5°	3.1
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)