

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: P1304781

Luminaire Tested: P3DUS20R659835D010 E3CBUS1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1304781
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-94)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3DUS20R659835D010 E3CBUS1MW
Description: 3in Adjustable LED luminaire with, R65 optic, 3500K CCT AND, 98CRI , E3CBUS1MW TRIM
Light Source: -
Ballast/Driver: -

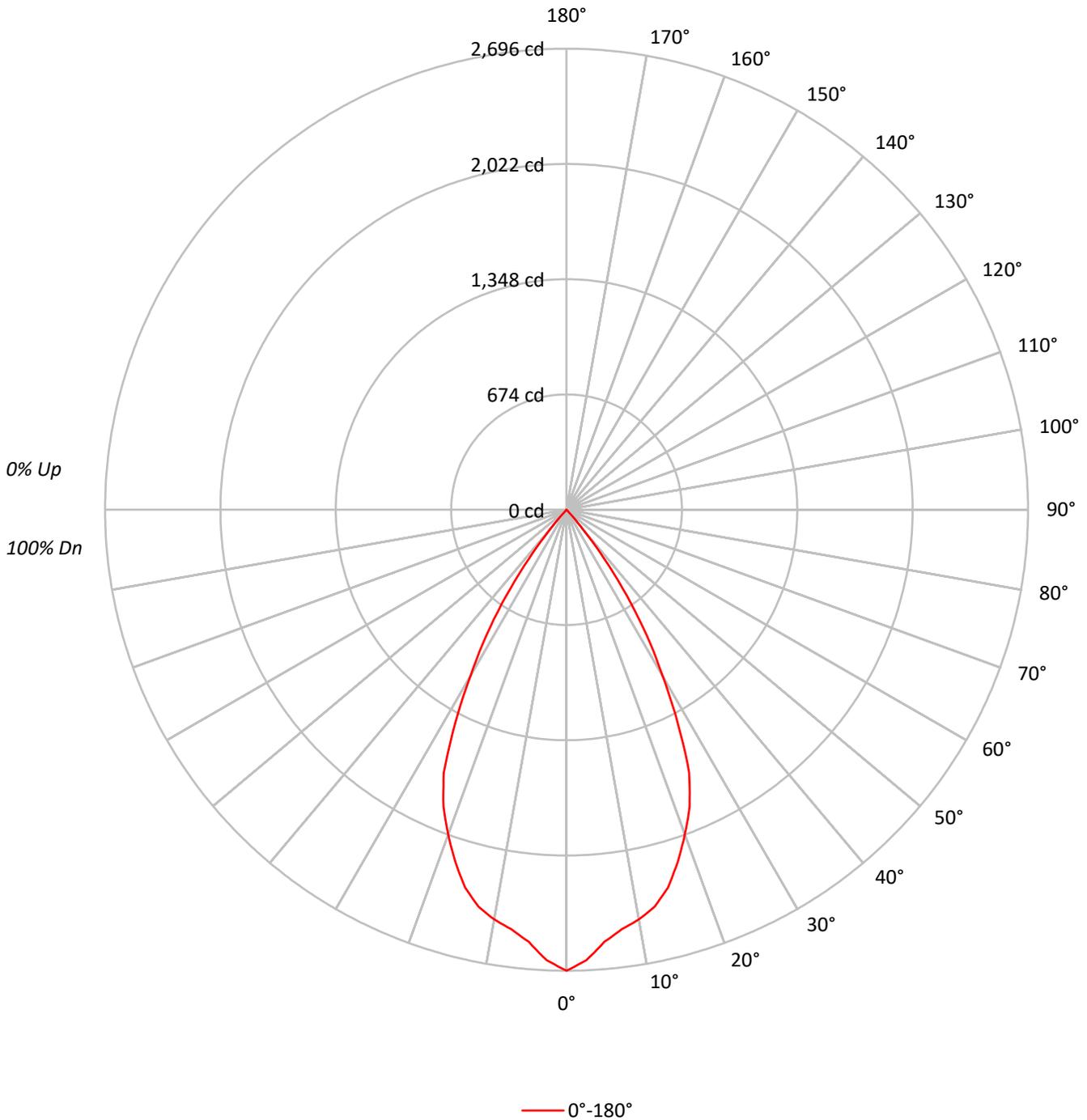
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2017.0 lumens
Efficiency: N/A
Efficacy: 73.6 lumens/watt
Spacing Criteria (0/90/45): 0.89 / 0.89 / 0.84
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 27.4
Input Voltage (V): NR
Input Current (A_{in}): 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: P1304781
CATALOG NUMBER: P3DUS20R659835D010 E3CBUS1MW

Luminous Intensity Polar Plot





TEST NUMBER: P1304781
 CATALOG NUMBER: P3DUS20R659835D010 E3CBUS1MW

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20				20	
RC	80				70				50				30				10				0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0	
RCR																						
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100				100
1	114	111	109	107	111	109	107	105	105	103	102	101	100	99	98	97	96	94				94
2	109	104	101	97	107	103	99	96	99	97	94	96	94	92	94	92	90	89				89
3	104	98	93	90	102	96	92	89	94	90	87	92	89	86	89	87	85	83				83
4	99	92	87	83	97	91	86	83	89	85	82	87	83	81	85	82	80	78				78
5	94	87	81	77	93	86	81	77	84	80	76	82	79	76	81	78	75	74				74
6	90	82	76	72	89	81	76	72	80	75	72	78	74	71	77	73	71	69				69
7	86	77	72	68	85	77	71	68	75	71	67	74	70	67	73	69	67	65				65
8	82	73	68	64	81	73	67	64	72	67	63	71	66	63	70	66	63	62				62
9	79	69	64	60	77	69	64	60	68	63	60	67	63	60	66	62	60	58				58
10	75	66	61	57	74	66	60	57	65	60	57	64	60	57	63	59	56	55				55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	591093
5°	558308
10°	541651
15°	519254
20°	471561
25°	410249
30°	283866
35°	164872
40°	43596
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: P1304781
 CATALOG NUMBER: P3DUS20R659835D010 E3CBUS1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	239.4	11.9
10°-20°	635.3	31.5
20°-30°	746.0	37.0
30°-40°	378.1	18.7
40°-50°	18.2	0.9
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°	1620.7	80.4
0°-40°	1998.8	99.1
0°-60°	2017.0	100.0
0°-90°	2017.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2017.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2696	
5°	2536	239
15°	2287	635
25°	1696	746
35°	616	378
45°	0	18
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	



TEST NUMBER: P1304781
CATALOG NUMBER: P3DUS20R659835D010 E3CBUS1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	2695.6
2.5°	2636.8
5°	2536.4
7.5°	2474.1
10°	2432.6
12.5°	2377.3
15°	2287.3
17.5°	2159.2
20°	2020.8
22.5°	1879.0
25°	1695.6
27.5°	1408.4
30°	1121.1
32.5°	872.0
35°	615.9
37.5°	359.9
40°	152.3
42.5°	24.2
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)