

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: P1304661

Luminaire Tested: P3DUS20R659827D010 E3CBUS1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1304661
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: P3DUS20R659827D010 E3CBUS1MW
Description: 3in Adjustable LED luminaire with, R65 optic, 2700K CCT AND, 98CRI , E3CBUS1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

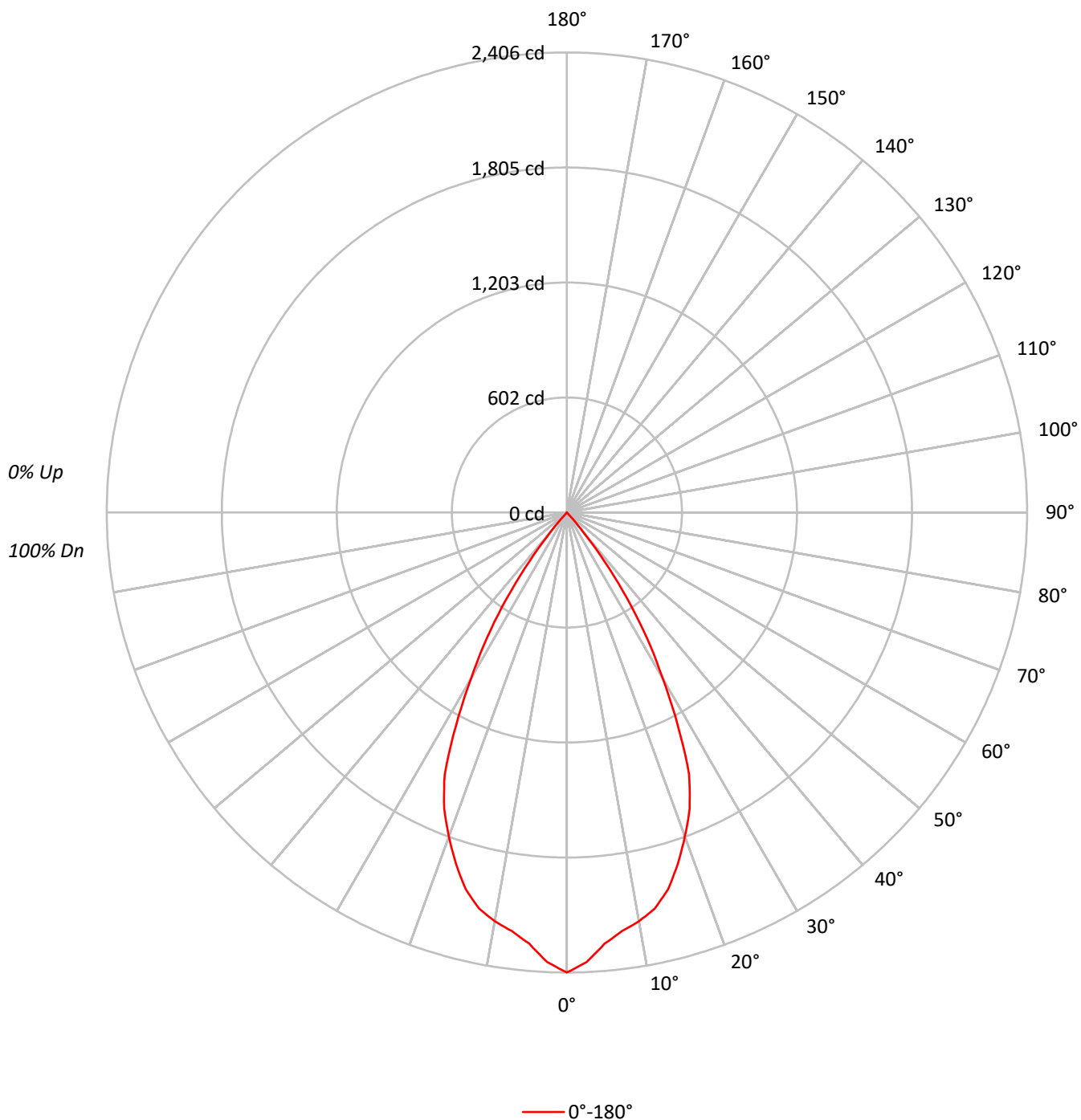
Lumens per Lamp: N/A
Luminaire Lumens: 1800.0 lumens
Efficiency: N/A
Efficacy: 65.7 lumens/watt
Spacing Criteria (0/90/45): 0.89 / 0.89 / 0.84
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 27.4
Input Voltage (V): NR
Input Current (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: P1304661

CATALOG NUMBER: P3DUS20R659827D010 E3CBUS1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1304661

CATALOG NUMBER: P3DUS20R659827D010 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	114	111	109	107	111	109	107	105	105	103	102		101	100	99		98
2	109	104	101	97	107	103	99	96	99	97	94		96	94	92		94
3	104	98	93	90	102	96	92	89	94	90	87		92	89	86		89
4	99	92	87	83	97	91	86	83	89	85	82		87	83	81		85
5	94	87	81	77	93	86	81	77	84	80	76		82	79	76		81
6	90	82	76	72	89	81	76	72	80	75	72		78	74	71		77
7	86	77	72	68	85	77	71	68	75	71	67		74	70	67		73
8	82	73	68	64	81	73	67	64	72	67	63		71	66	63		70
9	79	69	64	60	77	69	64	60	68	63	60		67	63	60		66
10	75	66	61	57	74	66	60	57	65	60	57		64	60	57		63

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	527502
5°	498238
10°	483380
15°	463385
20°	420830
25°	366094
30°	253330
35°	147150
40°	38901
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: P1304661

CATALOG NUMBER: P3DUS20R659827D010 E3CBUS1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	213.6	11.9
10°-20°	566.9	31.5
20°-30°	665.7	37.0
30°-40°	337.4	18.7
40°-50°	16.3	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°	1446.3	80.4
0°-40°	1783.7	99.1
0°-60°	1800.0	100.0
0°-90°	1800.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1800.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2406	
5°	2264	214
15°	2041	567
25°	1513	666
35°	550	337
45°	0	16
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	

TEST NUMBER: P1304661

CATALOG NUMBER: P3DUS20R659827D010 E3CBUS1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	2405.6
2.5°	2353.1
5°	2263.5
7.5°	2208.0
10°	2170.9
12.5°	2121.5
15°	2041.2
17.5°	1926.9
20°	1803.4
22.5°	1676.8
25°	1513.1
27.5°	1256.8
30°	1000.5
32.5°	778.2
35°	549.7
37.5°	321.2
40°	135.9
42.5°	21.6
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)