

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: P1265980

Luminaire Tested: P3A20R659730D010 E3D1LI

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1265980
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-16)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A20R659730D010 E3D1LI
Description: 3in Adjustable LED luminaire with, R65 optic, 3000K CCT AND, 97CRI , E3D1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

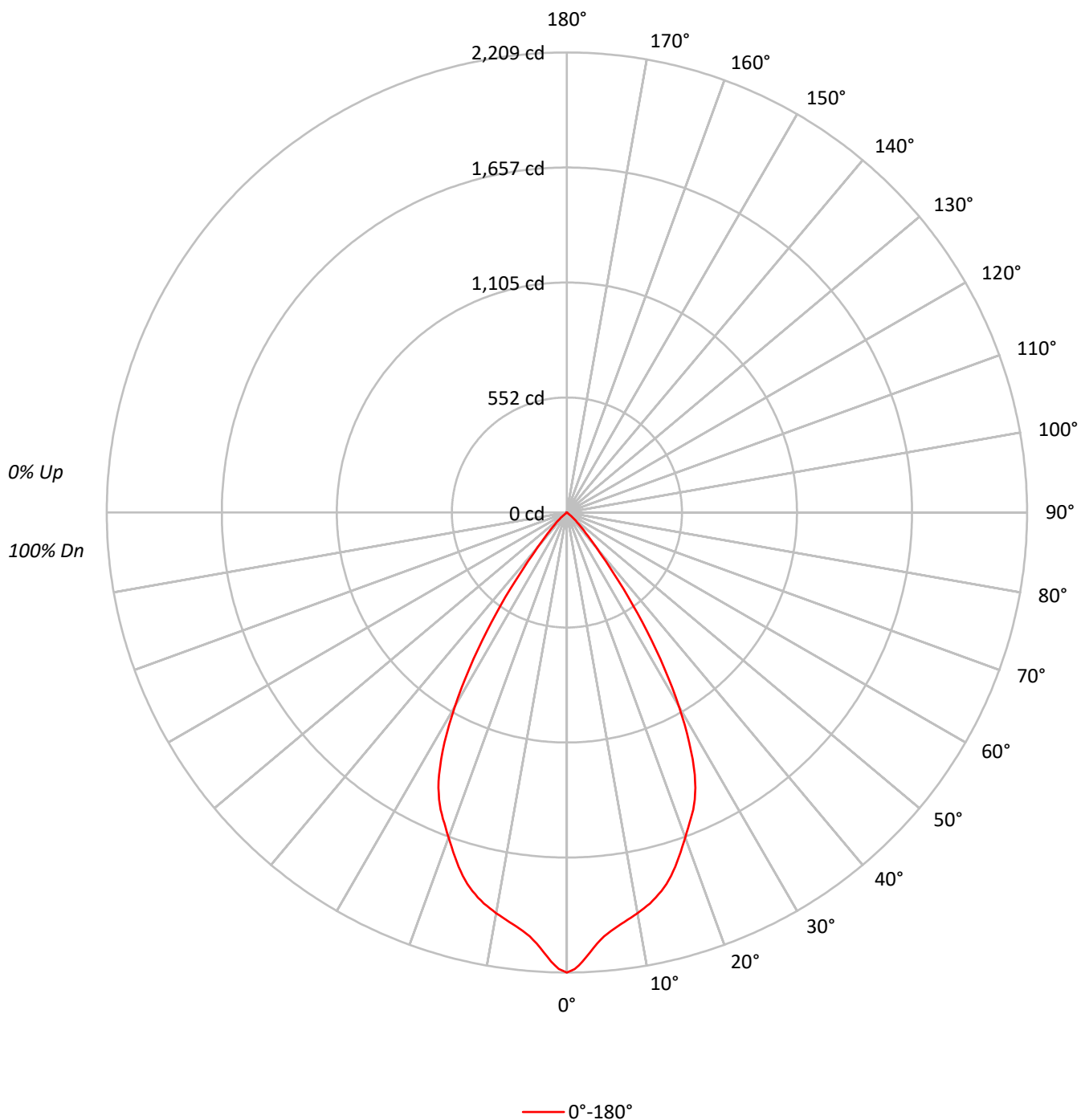
Lumens per Lamp: N/A
Luminaire Lumens: 1808.0 lumens
Efficiency: N/A
Efficacy: 62.8 lumens/watt
Spacing Criteria (0/90/45): 0.92 / 0.92 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1265980

CATALOG NUMBER: P3A20R659730D010 E3D1LI

Luminous Intensity Polar Plot



TEST NUMBER: P1265980

CATALOG NUMBER: P3A20R659730D010 E3D1LI

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	106	111	109	107	105	105	103	102		101	100	99		98
2	108	104	100	96	106	102	98	95	99	96	93		96	93	91		93
3	103	97	92	88	101	95	91	88	93	89	86		90	87	85		88
4	98	91	85	81	96	90	85	81	87	83	80		85	82	79		84
5	93	85	79	75	92	84	79	75	82	78	74		81	77	74		79
6	89	80	74	70	87	79	74	70	78	73	69		76	72	69		75
7	84	75	70	65	83	75	69	65	73	69	65		72	68	65		71
8	80	71	65	61	79	71	65	61	69	64	61		68	64	61		68
9	77	67	61	58	76	67	61	57	66	61	57		65	60	57		64
10	73	64	58	54	72	63	58	54	62	57	54		62	57	54		61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	484457
5°	449834
10°	435018
15°	419231
20°	387577
25°	353125
30°	272827
35°	158153
40°	62746
45°	26731
50°	6345
55°	841
60°	658
65°	363
70°	449
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 26731 cd/sqm

TEST NUMBER: P1265980

CATALOG NUMBER: P3A20R659730D010 E3D1LI

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	192.7	10.7
10°-20°	514.6	28.5
20°-30°	651.2	36.0
30°-40°	370.9	20.5
40°-50°	73.7	4.1
50°-60°	3.8	0.2
60°-70°	1.0	0.1
70°-80°	0.1	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°	1358.5	75.1
0°-40°	1729.4	95.7
0°-60°	1806.9	99.9
0°-90°	1808.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1808.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2209	
5°	2044	193
15°	1847	515
25°	1460	651
35°	591	371
45°	86	74
55°	2	4
65°	1	1
75°	0	0
85°	0	0
90°	0	

TEST NUMBER: P1265980

CATALOG NUMBER: P3A20R659730D010 E3D1LI

CANDELA DISTRIBUTION (FULL):

0°	
0°	2209.3
1°	2193.0
2°	2157.3
3°	2115.7
4°	2074.8
5°	2043.6
6°	2020.6
7°	2002.0
8°	1985.7
9°	1969.3
10°	1953.7
11°	1936.6
12°	1918.8
13°	1897.2
14°	1874.2
15°	1846.7
16°	1814.0
17°	1778.3
18°	1739.7
19°	1698.8
20°	1660.9
21°	1622.3
22°	1587.3
23°	1550.9
24°	1508.6
25°	1459.5
26°	1400.8
27°	1330.2
28°	1250.7
29°	1166.0
30°	1077.5
31°	980.2
32°	883.6
32.5°	833.8
33°	785.5
34°	687.4
35°	590.8
36°	501.6
37°	413.2
37.5°	367.9
38°	331.4
39°	268.3
40°	219.2
42.5°	135.3
45°	86.2



TEST NUMBER: P1265980

CATALOG NUMBER: P3A20R659730D010 E3D1LI

CANDELA DISTRIBUTION (continued):

	0°
47.5°	50.5
50°	18.6
52.5°	3.7
55°	2.2
57.5°	1.5
60°	1.5
62.5°	1.5
65°	0.7
67.5°	0.7
70°	0.7
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)