

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: P1265725

Luminaire Tested: P3A20R209730D010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1265725
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-7)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A20R209730D010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R20 optic, 3000K CCT AND, 97CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

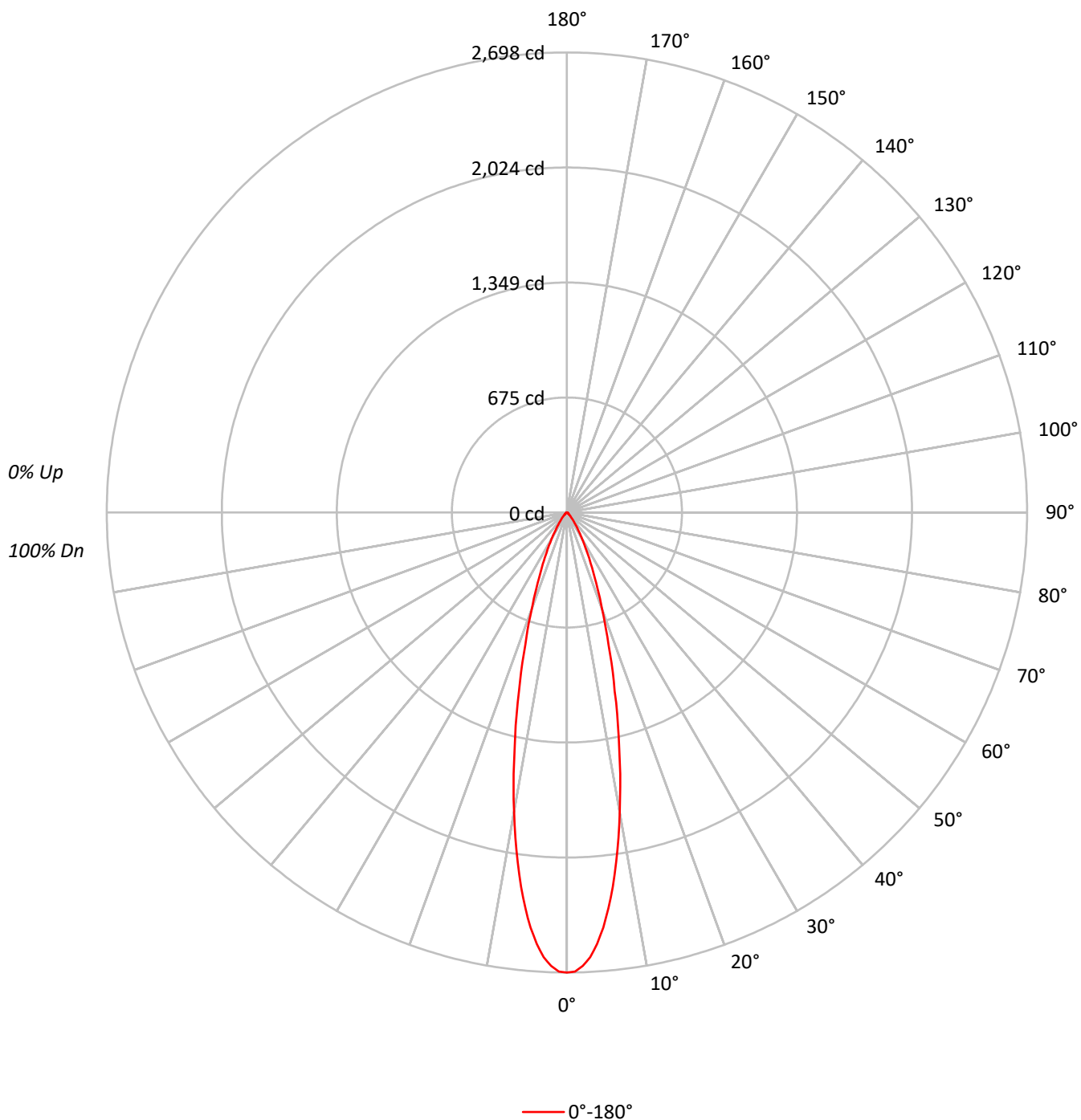
Lumens per Lamp: N/A
Luminaire Lumens: 769.0 lumens
Efficiency: N/A
Efficacy: 26.7 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.44 / 0.46
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1265725

CATALOG NUMBER: P3A20R209730D010 E3DL1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1265725

CATALOG NUMBER: P3A20R209730D010 E3DL1GPH

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	112	110	108	112	110	108	106	106	104	103		102	101	100		99
2	110	106	102	100	108	104	101	98	101	98	96		98	96	94		95
3	106	100	96	93	104	99	95	92	97	93	91		94	92	89		92
4	102	96	91	88	100	95	90	87	92	89	86		91	88	85		89
5	98	91	87	83	97	90	86	83	89	85	82		87	84	81		86
6	95	87	83	79	93	87	82	79	85	81	78		84	81	78		83
7	91	84	79	76	90	83	79	76	82	78	75		81	78	75		80
8	88	81	76	73	87	80	76	73	79	75	72		78	75	72		78
9	85	78	73	70	85	77	73	70	77	73	70		76	72	69		75
10	83	75	71	68	82	75	70	67	74	70	67		73	70	67		73

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	591663
5°	537837
10°	397499
15°	245881
20°	140409
25°	80158
30°	44969
35°	24467
40°	13397
45°	7381
50°	4298
55°	3135
60°	2938
65°	2698
70°	2372
75°	2542
80°	1894
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 7381 cd/sqm

TEST NUMBER: P1265725

CATALOG NUMBER: P3A20R209730D010 E3DL1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	211.6	27.5
10°-20°	302.0	39.3
20°-30°	157.6	20.5
30°-40°	61.0	7.9
40°-50°	19.8	2.6
50°-60°	7.8	1.0
60°-70°	5.1	0.7
70°-80°	3.0	0.4
80°-90°	1.0	0.1
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°	671.3	87.3
0°-40°	732.2	95.2
0°-60°	759.8	98.8
0°-90°	769.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	769.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2698	
5°	2443	212
15°	1083	302
25°	331	158
35°	91	61
45°	24	20
55°	8	8
65°	5	5
75°	3	3
85°	1	1
90°	0	

TEST NUMBER: P1265725

CATALOG NUMBER: P3A20R209730D010 E3DL1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	2698.2
1°	2693.0
2°	2661.0
3°	2612.0
4°	2536.2
5°	2443.4
6°	2333.4
7°	2211.6
8°	2070.4
9°	1933.0
10°	1785.2
12.5°	1418.9
15°	1083.1
17.5°	810.5
20°	601.7
22.5°	445.7
25°	331.3
27.5°	244.4
30°	177.6
32.5°	128.5
35°	91.4
37.5°	66.1
40°	46.8
42.5°	33.4
45°	23.8
47.5°	17.1
50°	12.6
52.5°	9.7
55°	8.2
57.5°	7.4
60°	6.7
62.5°	5.9
65°	5.2
67.5°	4.5
70°	3.7
72.5°	3.7
75°	3.0
77.5°	2.2
80°	1.5
82.5°	1.5
85°	0.7
87.5°	0.7
90°	0.0

(END OF REPORT)