

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: P1265811

Luminaire Tested: P3A20R359730D010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1265811
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-19)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A20R359730D010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 97CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

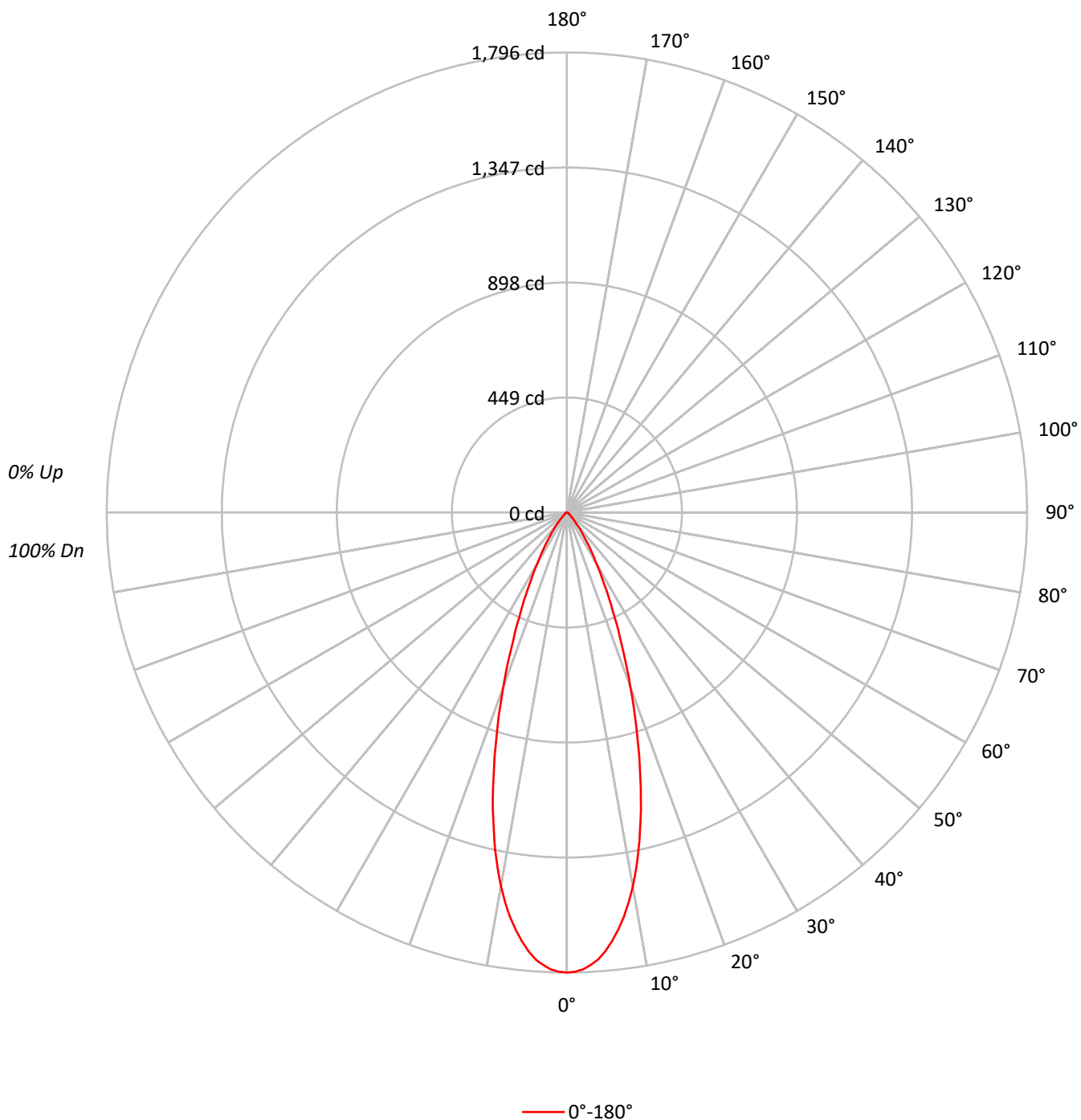
Lumens per Lamp: N/A
Luminaire Lumens: 781.0 lumens
Efficiency: N/A
Efficacy: 27.1 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.58
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1265811

CATALOG NUMBER: P3A20R359730D010 E3DL1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1265811

CATALOG NUMBER: P3A20R359730D010 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	109	107	112	109	107	106	105	104	102		102	100	99		98
2	109	105	101	98	107	103	100	97	100	97	95		97	95	93		94
3	105	99	95	91	103	98	94	90	95	92	89		93	90	88		91
4	100	94	89	85	99	93	88	85	91	87	84		89	85	83		87
5	96	89	84	80	95	88	83	80	86	82	79		85	81	78		83
6	92	85	80	76	91	84	79	76	83	78	75		81	77	75		80
7	89	81	76	72	88	80	75	72	79	75	71		78	74	71		77
8	85	77	72	69	84	77	72	68	76	71	68		75	71	68		74
9	82	74	69	66	81	74	69	65	73	68	65		72	68	65		71
10	79	71	66	63	78	71	66	63	70	66	63		69	65	62		69

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	393894
5°	378559
10°	329831
15°	252646
20°	169018
25°	102272
30°	58693
35°	32819
40°	17433
45°	8993
50°	4298
55°	3403
60°	3245
65°	2698
70°	2885
75°	2542
80°	2778
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 8993 cd/sqm

TEST NUMBER: P1265811

CATALOG NUMBER: P3A20R359730D010 E3DL1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	156.5	20.0
10°-20°	303.2	38.8
20°-30°	198.5	25.4
30°-40°	80.5	10.3
40°-50°	24.2	3.1
50°-60°	8.2	1.1
60°-70°	5.5	0.7
70°-80°	3.2	0.4
80°-90°	1.1	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°	658.2	84.3
0°-40°	738.8	94.6
0°-60°	771.1	98.7
0°-90°	781.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	781.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1796	
5°	1720	156
15°	1113	303
25°	423	199
35°	123	81
45°	29	24
55°	9	8
65°	5	6
75°	3	3
85°	1	1
90°	0	

TEST NUMBER: P1265811

CATALOG NUMBER: P3A20R359730D010 E3DL1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	1796.3
1°	1793.4
2°	1785.2
3°	1768.9
4°	1749.5
5°	1719.8
6°	1682.7
7°	1641.1
8°	1594.3
9°	1540.8
10°	1481.3
11°	1415.2
12°	1346.1
13°	1268.9
14°	1195.3
15°	1112.9
17.5°	913.0
20°	724.3
22.5°	557.2
25°	422.7
27.5°	315.0
30°	231.8
32.5°	170.1
35°	122.6
37.5°	86.9
40°	60.9
42.5°	42.3
45°	29.0
47.5°	19.3
50°	12.6
52.5°	9.7
55°	8.9
57.5°	8.2
60°	7.4
62.5°	6.7
65°	5.2
67.5°	4.5
70°	4.5
72.5°	3.7
75°	3.0
77.5°	2.2
80°	2.2
82.5°	1.5
85°	0.7
87.5°	0.7



TEST NUMBER: P1265811
CATALOG NUMBER: P3A20R359730D010 E3DL1GPH

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)