

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: P1265984

Luminaire Tested: P3A20R659730D010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1265984
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-43)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A20R659730D010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R65 optic, 3000K CCT AND, 97CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

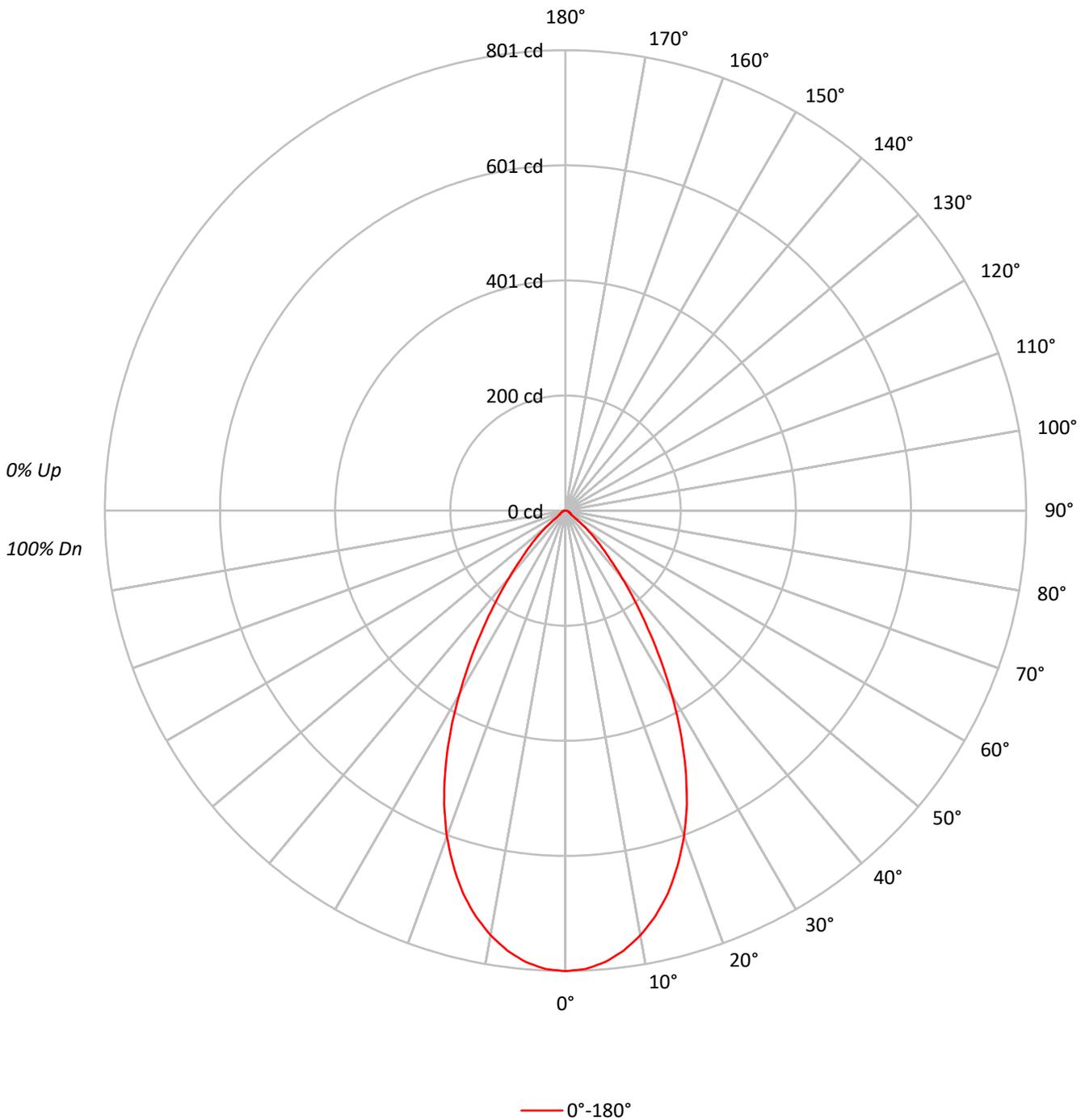
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 745.0 lumens
Efficiency: N/A
Efficacy: 25.9 lumens/watt
Spacing Criteria (0/90/45): 0.88 / 0.88 / 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: P1265984
CATALOG NUMBER: P3A20R659730D010 E3DL1GPH

Luminous Intensity Polar Plot





TEST NUMBER: P1265984
 CATALOG NUMBER: P3A20R659730D010 E3DL1GPH

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	113	110	107	105	111	108	106	103	104	102	100	100	99	97	97	96	94	93				93
2	107	102	98	94	105	100	96	93	97	94	91	94	91	89	91	89	87	85				85
3	101	95	89	85	99	93	88	84	90	86	83	88	85	82	86	83	80	79				79
4	96	88	82	78	94	87	81	77	85	80	76	83	79	75	81	77	74	73				73
5	91	82	76	71	89	81	75	71	79	74	70	77	73	70	76	72	69	68				68
6	86	77	70	66	84	76	70	66	74	69	65	73	68	65	72	67	64	63				63
7	82	72	66	61	80	71	65	61	70	64	61	69	64	60	67	63	60	58				58
8	77	67	61	57	76	67	61	57	66	60	57	65	60	56	64	59	56	55				55
9	74	64	57	53	72	63	57	53	62	57	53	61	56	53	60	56	53	51				51
10	70	60	54	50	69	59	54	50	59	53	50	58	53	50	57	53	49	48				48

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	175688
5°	173585
10°	166998
15°	156437
20°	140712
25°	119475
30°	93457
35°	66602
40°	43567
45°	26949
50°	13680
55°	4817
60°	4254
65°	4255
70°	3783
75°	3813
80°	3788
85°	3774

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 26949 cd/sqm



TEST NUMBER: P1265984
 CATALOG NUMBER: P3A20R659730D010 E3DL1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	74.0	9.9
10°-20°	191.8	25.7
20°-30°	224.1	30.1
30°-40°	156.6	21.0
40°-50°	69.0	9.3
50°-60°	15.3	2.1
60°-70°	7.8	1.0
70°-80°	4.7	0.6
80°-90°	1.6	0.2
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°	490.0	65.8
0°-40°	646.6	86.8
0°-60°	730.9	98.1
0°-90°	745.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	745.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	801	
5°	789	74
15°	689	192
25°	494	224
35°	249	157
45°	87	69
55°	13	15
65°	8	8
75°	4	5
85°	2	2
90°	0	



TEST NUMBER: P1265984
CATALOG NUMBER: P3A20R659730D010 E3DL1GPH

CANDELA DISTRIBUTION (FULL):

	0°
0°	801.2
2.5°	798.3
5°	788.6
7.5°	772.3
10°	750.0
12.5°	722.5
15°	689.1
17.5°	648.3
20°	603.0
22.5°	551.7
25°	493.8
27.5°	432.9
30°	369.1
32.5°	307.4
35°	248.8
37.5°	197.5
40°	152.2
42.5°	115.1
45°	86.9
47.5°	63.9
50°	40.1
52.5°	20.8
55°	12.6
57.5°	11.1
60°	9.7
62.5°	8.9
65°	8.2
67.5°	6.7
70°	5.9
72.5°	5.2
75°	4.5
77.5°	3.7
80°	3.0
82.5°	2.2
85°	1.5
87.5°	0.7
90°	0.0

(END OF REPORT)