

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: P1263326

Luminaire Tested: P3A20R159727D010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1263326
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-1)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A20R159727D010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R15 optic, 2700K CCT AND, 97CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

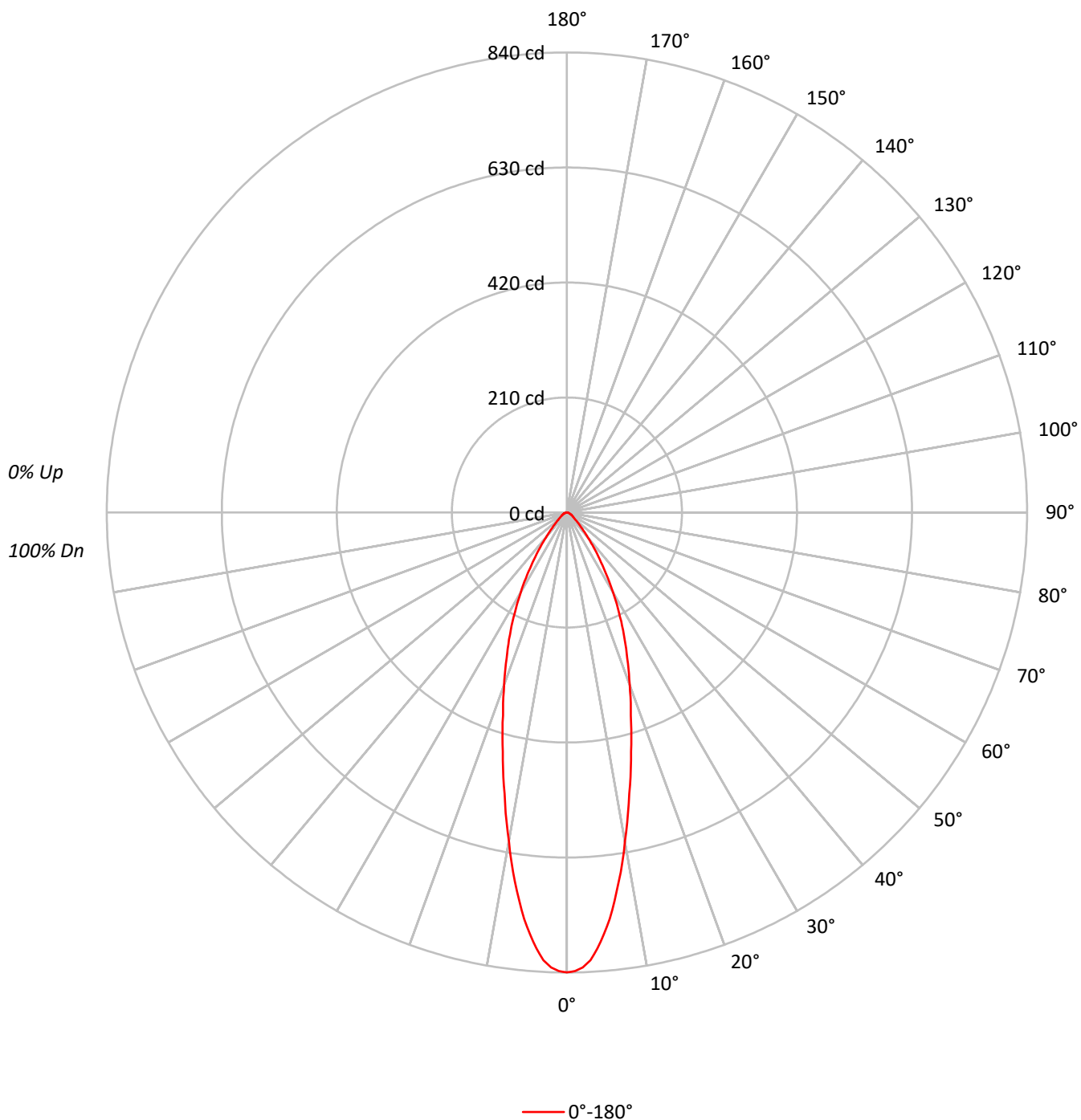
Lumens per Lamp: N/A
Luminaire Lumens: 427.0 lumens
Efficiency: N/A
Efficacy: 14.8 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.61
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1263326

CATALOG NUMBER: P3A20R159727D010 E3DLP1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1263326

CATALOG NUMBER: P3A20R159727D010 E3DLP1GPH

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	113	110	108	106	111	108	106	104	104	102	101		100	99	98		97
2	108	103	98	95	105	101	97	94	98	95	92		95	92	90		92
3	102	96	91	87	100	94	90	86	92	88	85		89	86	83		87
4	97	90	84	80	95	88	83	79	86	82	78		84	81	78		82
5	93	84	78	74	91	83	78	74	81	77	73		80	76	72		78
6	88	79	73	69	87	79	73	69	77	72	69		76	71	68		74
7	84	75	69	65	83	74	69	65	73	68	64		72	67	64		71
8	80	71	65	61	79	71	65	61	69	64	61		68	64	61		67
9	77	68	62	58	76	67	62	58	66	61	58		65	61	57		64
10	74	64	59	55	73	64	59	55	63	58	55		62	58	55		62

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	184130
5°	170173
10°	135869
15°	102634
20°	78150
25°	59568
30°	42665
35°	27840
40°	17061
45°	10327
50°	6857
55°	5314
60°	4561
65°	3943
70°	3526
75°	3558
80°	2652
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 10327 cd/sqm

TEST NUMBER: P1263326

CATALOG NUMBER: P3A20R159727D010 E3DLP1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	68.5	16.0
10°-20°	126.4	29.6
20°-30°	112.5	26.3
30°-40°	66.5	15.6
40°-50°	27.3	6.4
50°-60°	12.8	3.0
60°-70°	7.8	1.8
70°-80°	4.1	1.0
80°-90°	1.0	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°	307.4	72.0
0°-40°	373.9	87.6
0°-60°	414.1	97.0
0°-90°	427.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	427.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	840	
5°	773	68
15°	452	126
25°	246	113
35°	104	67
45°	33	27
55°	14	13
65°	8	8
75°	4	4
85°	1	1
90°	0	

TEST NUMBER: P1263326

CATALOG NUMBER: P3A20R159727D010 E3DLP1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	839.7
1°	837.6
2°	831.4
3°	818.9
4°	798.1
5°	773.1
6°	746.1
7°	714.2
8°	680.9
9°	646.9
10°	610.2
12.5°	526.3
15°	452.1
17.5°	388.3
20°	334.9
22.5°	287.8
25°	246.2
27.5°	205.9
30°	168.5
32.5°	134.5
35°	104.0
37.5°	79.7
40°	59.6
42.5°	44.4
45°	33.3
47.5°	25.7
50°	20.1
52.5°	16.6
55°	13.9
57.5°	11.8
60°	10.4
62.5°	9.0
65°	7.6
67.5°	6.9
70°	5.5
72.5°	4.9
75°	4.2
77.5°	2.8
80°	2.1
82.5°	1.4
85°	0.7
87.5°	0.7
90°	0.0

(END OF REPORT)