

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: P1263576

Luminaire Tested: P3AS20R609727D010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1263576
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-39)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R609727D010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R60 optic, 2700K CCT AND, 97CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

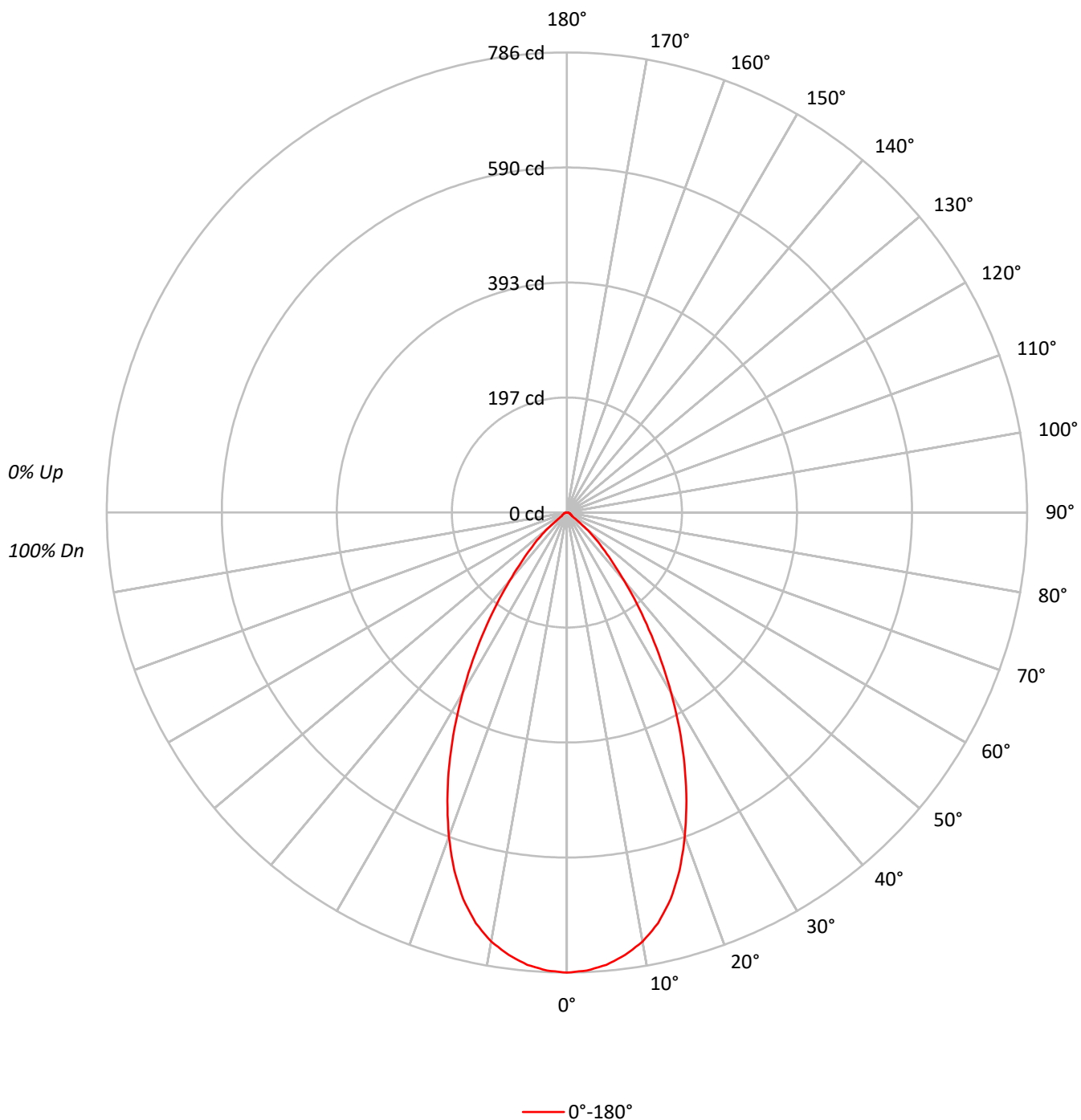
Lumens per Lamp: N/A
Luminaire Lumens: 730.0 lumens
Efficiency: N/A
Efficacy: 25.3 lumens/watt
Spacing Criteria (0/90/45): 0.87 / 0.87 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1263576

CATALOG NUMBER: P3AS20R609727D010 E3DL1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1263576

CATALOG NUMBER: P3AS20R609727D010 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	113	110	108	105	111	108	106	103	104	102	100		100	99	97		97
2	107	102	98	94	105	100	96	93	97	94	91		94	91	89		91
3	101	95	89	85	99	93	88	84	91	86	83		88	85	82		86
4	96	88	82	78	94	87	81	77	85	80	76		83	79	75		81
5	91	82	76	71	89	81	75	71	79	74	70		78	73	70		76
6	86	77	70	66	84	76	70	66	74	69	65		73	68	65		72
7	82	72	66	61	80	71	65	61	70	65	61		69	64	60		67
8	77	68	61	57	76	67	61	57	66	60	57		65	60	56		64
9	74	64	57	53	72	63	57	53	62	57	53		61	56	53		60
10	70	60	54	50	69	60	54	50	59	53	50		58	53	50		57

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	172377
5°	170746
10°	165773
15°	155302
20°	137469
25°	114999
30°	90115
35°	65370
40°	43481
45°	27104
50°	14669
55°	4244
60°	3947
65°	3580
70°	3590
75°	3558
80°	3536
85°	3522

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 27104 cd/sqm

TEST NUMBER: P1263576

CATALOG NUMBER: P3AS20R609727D010 E3DL1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	73.0	10.0
10°-20°	189.8	26.0
20°-30°	216.3	29.6
30°-40°	153.4	21.0
40°-50°	69.6	9.5
50°-60°	14.8	2.0
60°-70°	7.1	1.0
70°-80°	4.4	0.6
80°-90°	1.5	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°	479.2	65.6
0°-40°	632.6	86.7
0°-60°	716.9	98.2
0°-90°	730.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	730.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	786	
5°	776	73
15°	684	190
25°	475	216
35°	244	153
45°	87	70
55°	11	15
65°	7	7
75°	4	4
85°	1	2
90°	0	

TEST NUMBER: P1263576

CATALOG NUMBER: P3AS20R609727D010 E3DL1GPH

CANDELA DISTRIBUTION (FULL):

	0°
0°	786.1
2.5°	783.3
5°	775.7
7.5°	762.5
10°	744.5
12.5°	718.8
15°	684.1
17.5°	640.4
20°	589.1
22.5°	533.5
25°	475.3
27.5°	415.6
30°	355.9
32.5°	299.0
35°	244.2
37.5°	195.7
40°	151.9
42.5°	115.2
45°	87.4
47.5°	65.2
50°	43.0
52.5°	20.1
55°	11.1
57.5°	9.7
60°	9.0
62.5°	8.3
65°	6.9
67.5°	6.2
70°	5.6
72.5°	4.9
75°	4.2
77.5°	3.5
80°	2.8
82.5°	2.1
85°	1.4
87.5°	0.7
90°	0.0

(END OF REPORT)