

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: P1276688

Luminaire Tested: P3AS20R159835D010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1276688
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-3)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R159835D010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R15 optic, 3500K CCT AND, 98CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

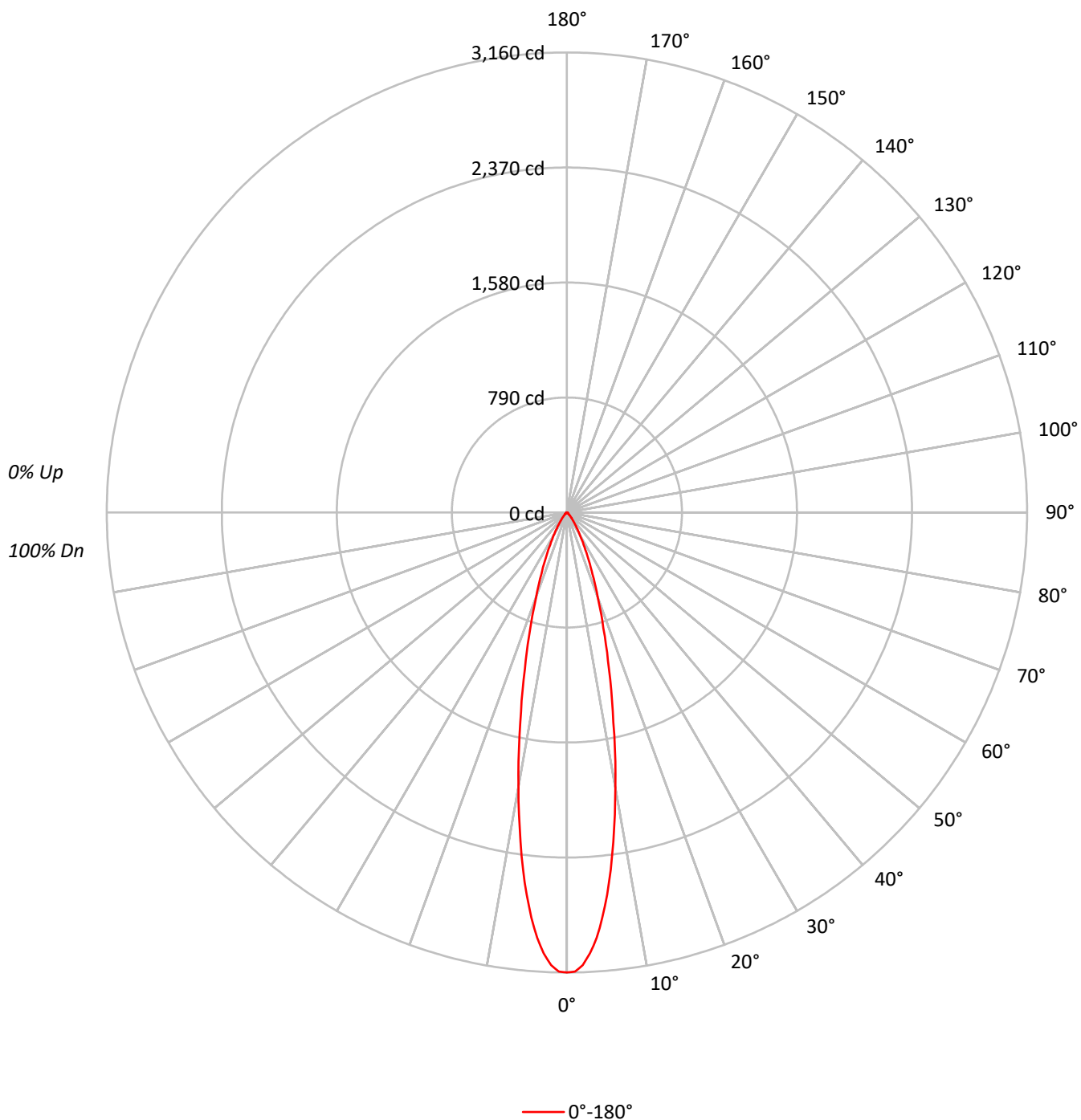
Lumens per Lamp: N/A
Luminaire Lumens: 811.0 lumens
Efficiency: N/A
Efficacy: 29.6 lumens/watt
Spacing Criteria (0/90/45): 0.4 / 0.4 / 0.43
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 27.4
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: P1276688

CATALOG NUMBER: P3AS20R159835D010 E3DL1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1276688

CATALOG NUMBER: P3AS20R159835D010 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	103	100	108	104	101	99	101	99	97		98	96	95		96
3	106	101	97	93	104	99	96	93	97	94	91		94	92	90		92
4	102	96	92	88	100	95	91	88	93	89	87		91	88	86		89
5	98	92	87	84	97	91	87	83	89	85	83		88	84	82		86
6	95	88	83	80	94	87	83	80	86	82	79		85	81	79		83
7	92	85	80	77	91	84	80	76	83	79	76		82	78	76		81
8	89	81	77	74	88	81	77	73	80	76	73		79	75	73		78
9	86	79	74	71	85	78	74	71	77	73	71		77	73	70		76
10	84	76	71	68	83	76	71	68	75	71	68		74	71	68		74

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	692817
5°	614966
10°	427068
15°	252555
20°	143839
25°	82239
30°	45501
35°	24253
40°	13425
45°	7257
50°	4537
55°	3594
60°	3070
65°	2854
70°	2500
75°	2626
80°	2020
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 7257 cd/sqm

TEST NUMBER: P1276688

CATALOG NUMBER: P3AS20R159835D010 E3DL1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	237.6	29.3
10°-20°	313.5	38.7
20°-30°	161.5	19.9
30°-40°	60.6	7.5
40°-50°	19.8	2.4
50°-60°	8.5	1.1
60°-70°	5.4	0.7
70°-80°	3.2	0.4
80°-90°	0.9	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°	712.6	87.9
0°-40°	773.2	95.3
0°-60°	801.5	98.8
0°-90°	811.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	811.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3160	
5°	2794	238
15°	1112	314
25°	340	161
35°	91	61
45°	23	20
55°	9	9
65°	6	5
75°	3	3
85°	1	1
90°	0	

TEST NUMBER: P1276688

CATALOG NUMBER: P3AS20R159835D010 E3DL1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	3159.5
1°	3153.2
2°	3111.8
3°	3032.9
4°	2929.0
5°	2793.8
6°	2640.7
7°	2472.7
8°	2286.0
9°	2101.6
10°	1918.0
12.5°	1475.8
15°	1112.5
17.5°	832.8
20°	616.4
22.5°	460.2
25°	339.9
27.5°	247.7
30°	179.7
32.5°	127.3
35°	90.6
37.5°	64.8
40°	46.9
42.5°	33.6
45°	23.4
47.5°	17.2
50°	13.3
52.5°	10.9
55°	9.4
57.5°	7.8
60°	7.0
62.5°	6.3
65°	5.5
67.5°	4.7
70°	3.9
72.5°	3.9
75°	3.1
77.5°	2.3
80°	1.6
82.5°	1.6
85°	0.8
87.5°	0.0
90°	0.0

(END OF REPORT)