

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: P1276985

Luminaire Tested: P3AS20R659835D010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1276985
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-42)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R659835D010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R65 optic, 3500K CCT AND, 98CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

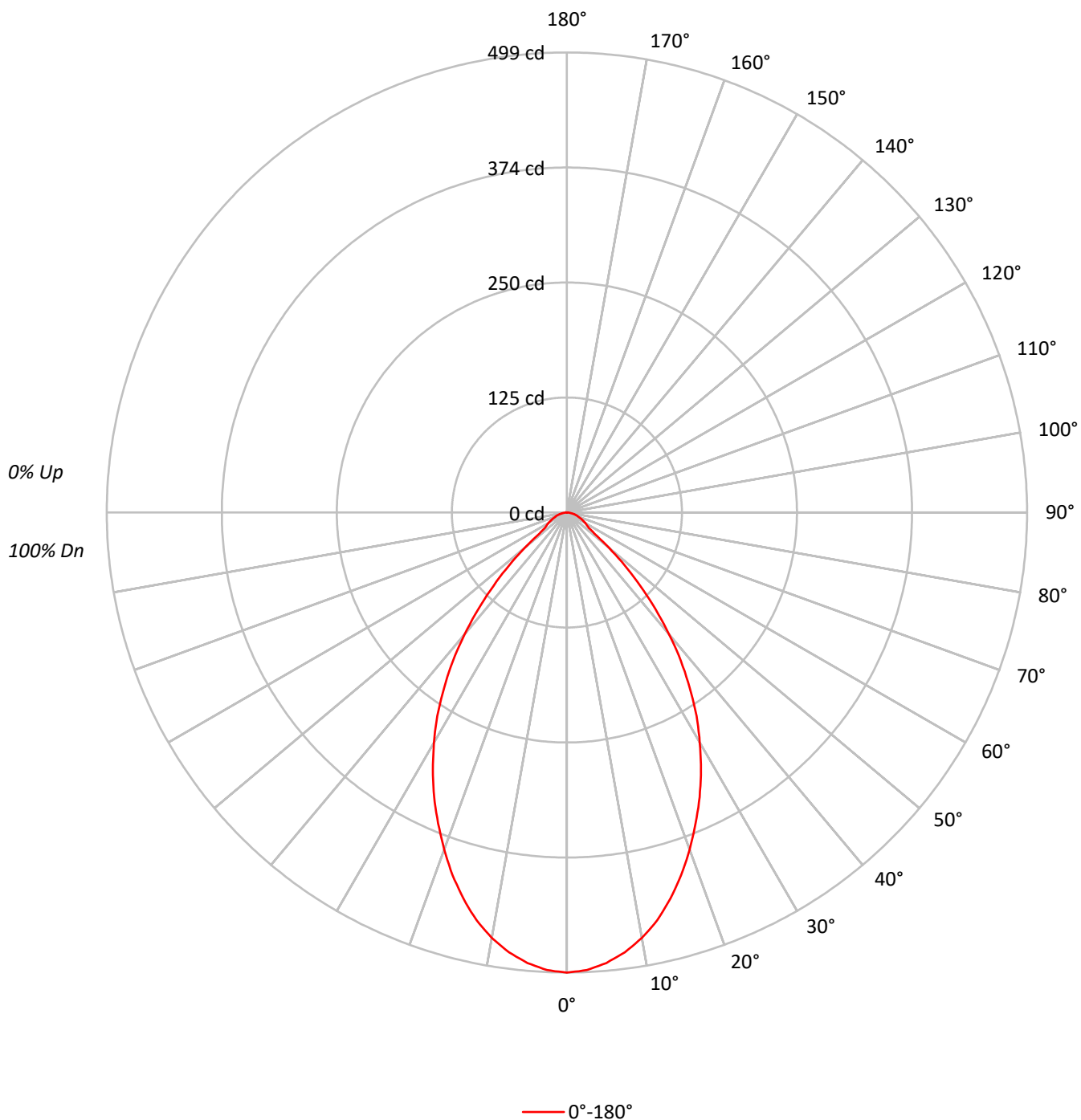
Lumens per Lamp: N/A
Luminaire Lumens: 615.0 lumens
Efficiency: N/A
Efficacy: 22.4 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1276985

CATALOG NUMBER: P3AS20R659835D010 E3DLD1GPH

Luminous Intensity Polar Plot



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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	112	109	106	103	110	107	104	101	102	100	98		99	97	95		95
2	105	99	94	90	103	97	93	89	94	90	87		91	88	85		88
3	99	91	85	80	96	89	84	79	87	82	78		84	80	77		82
4	92	83	77	72	90	82	76	71	80	75	70		78	73	70		76
5	87	77	70	65	85	76	69	65	74	68	64		72	67	63		71
6	82	71	64	59	80	70	64	59	69	63	58		67	62	58		66
7	77	66	59	54	75	65	59	54	64	58	54		63	57	53		61
8	72	61	55	50	71	61	54	50	60	54	49		59	53	49		58
9	68	57	51	46	67	57	50	46	56	50	46		55	49	46		54
10	65	54	47	43	64	53	47	43	52	47	43		52	46	42		51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	109443
5°	107968
10°	104340
15°	98411
20°	90775
25°	82384
30°	72973
35°	62105
40°	49407
45°	34887
50°	20264
55°	11049
60°	10262
65°	9340
70°	8527
75°	7964
80°	6945
85°	5787

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 34887 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	46.1	7.5
10°-20°	121.3	19.7
20°-30°	155.9	25.3
30°-40°	144.2	23.4
40°-50°	87.0	14.2
50°-60°	29.7	4.8
60°-70°	17.9	2.9
70°-80°	10.1	1.6
80°-90°	2.9	0.5
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°	323.3	52.6
0°-40°	467.5	76.0
0°-60°	584.2	95.0
0°-90°	615.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	615.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	499	
5°	490	46
15°	434	121
25°	340	156
35°	232	144
45°	112	87
55°	29	30
65°	18	18
75°	9	10
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	499.1
2.5°	496.8
5°	490.5
7.5°	481.1
10°	468.6
12.5°	453.0
15°	433.5
17.5°	412.4
20°	389.0
22.5°	364.8
25°	340.5
27.5°	314.8
30°	288.2
32.5°	261.7
35°	232.0
37.5°	203.1
40°	172.6
42.5°	142.2
45°	112.5
47.5°	85.1
50°	59.4
52.5°	37.5
55°	28.9
57.5°	25.8
60°	23.4
62.5°	20.3
65°	18.0
67.5°	15.6
70°	13.3
72.5°	11.7
75°	9.4
77.5°	7.8
80°	5.5
82.5°	3.9
85°	2.3
87.5°	1.6
90°	0.0

(END OF REPORT)