

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: P1277014

Luminaire Tested: P3AS20R709835D010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1277014
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-45)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R709835D010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R70 optic, 3500K CCT AND, 98CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

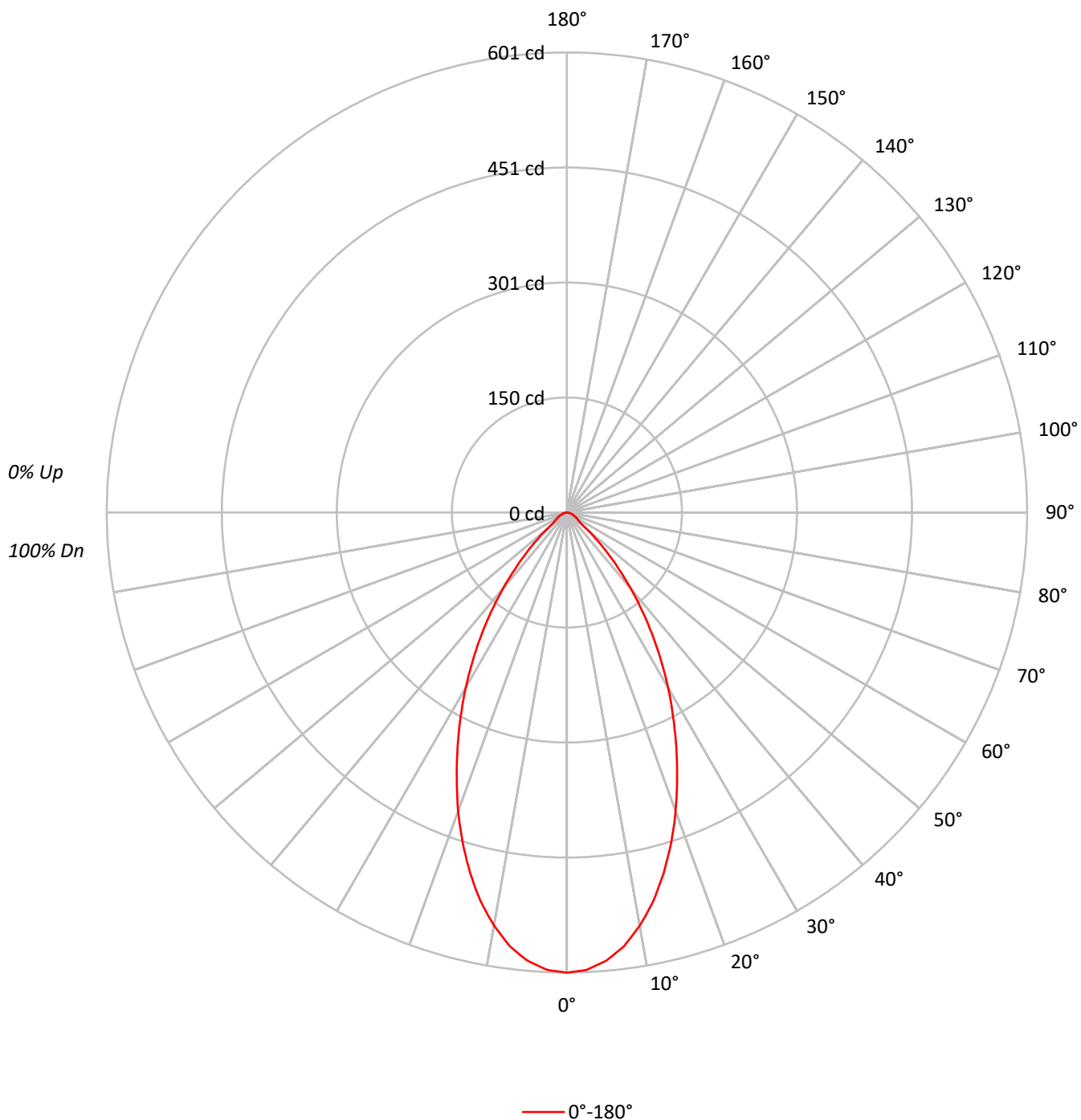
Lumens per Lamp: N/A
Luminaire Lumens: 562.0 lumens
Efficiency: N/A
Efficacy: 20.5 lumens/watt
Spacing Criteria (0/90/45): 0.82 / 0.82 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

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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	113	110	107	104	110	107	105	103	103	101	100		100	98	97		96
2	106	101	97	93	104	99	95	92	96	93	90		93	90	88		90
3	100	93	88	83	98	92	87	83	89	85	81		87	83	80		84
4	95	86	80	76	93	85	80	75	83	78	74		81	77	73		79
5	89	80	74	69	88	79	73	69	78	72	68		76	71	68		74
6	85	75	68	64	83	74	68	64	73	67	63		71	66	63		70
7	80	70	64	59	79	69	63	59	68	62	58		67	62	58		66
8	76	66	59	55	75	65	59	55	64	58	54		63	58	54		62
9	72	62	55	51	71	61	55	51	60	55	51		59	54	51		58
10	69	58	52	48	67	58	52	48	57	51	48		56	51	48		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	131832
5°	129408
10°	122020
15°	110738
20°	96865
25°	81706
30°	66896
35°	51906
40°	37155
45°	23506
50°	11735
55°	7187
60°	6184
65°	5656
70°	5001
75°	4660
80°	3915
85°	4026

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 23506 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	54.9	9.8
10°-20°	135.7	24.2
20°-30°	154.6	27.5
30°-40°	120.9	21.5
40°-50°	59.4	10.6
50°-60°	18.3	3.3
60°-70°	10.8	1.9
70°-80°	5.8	1.0
80°-90°	1.7	0.3
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°	345.2	61.4
0°-40°	466.1	82.9
0°-60°	543.7	96.7
0°-90°	562.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	562.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	601	
5°	588	55
15°	488	136
25°	338	155
35°	194	121
45°	76	59
55°	19	18
65°	11	11
75°	6	6
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	601.2
2.5°	598.0
5°	587.9
7.5°	571.5
10°	548.0
12.5°	520.6
15°	487.8
17.5°	452.6
20°	415.1
22.5°	376.0
25°	337.7
27.5°	300.2
30°	264.2
32.5°	228.3
35°	193.9
37.5°	161.0
40°	129.8
42.5°	100.8
45°	75.8
47.5°	53.2
50°	34.4
52.5°	22.7
55°	18.8
57.5°	16.4
60°	14.1
62.5°	12.5
65°	10.9
67.5°	9.4
70°	7.8
72.5°	6.3
75°	5.5
77.5°	4.7
80°	3.1
82.5°	2.3
85°	1.6
87.5°	0.8
90°	0.0

(END OF REPORT)