

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: P1274916

Luminaire Tested: P3AS20R659830D010 E3DLD1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1274916
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: P3AS20R659830D010 E3DLD1H
Description: 3in Adjustable LED luminaire with, R65 optic, 3000K CCT AND, 98CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

Summary

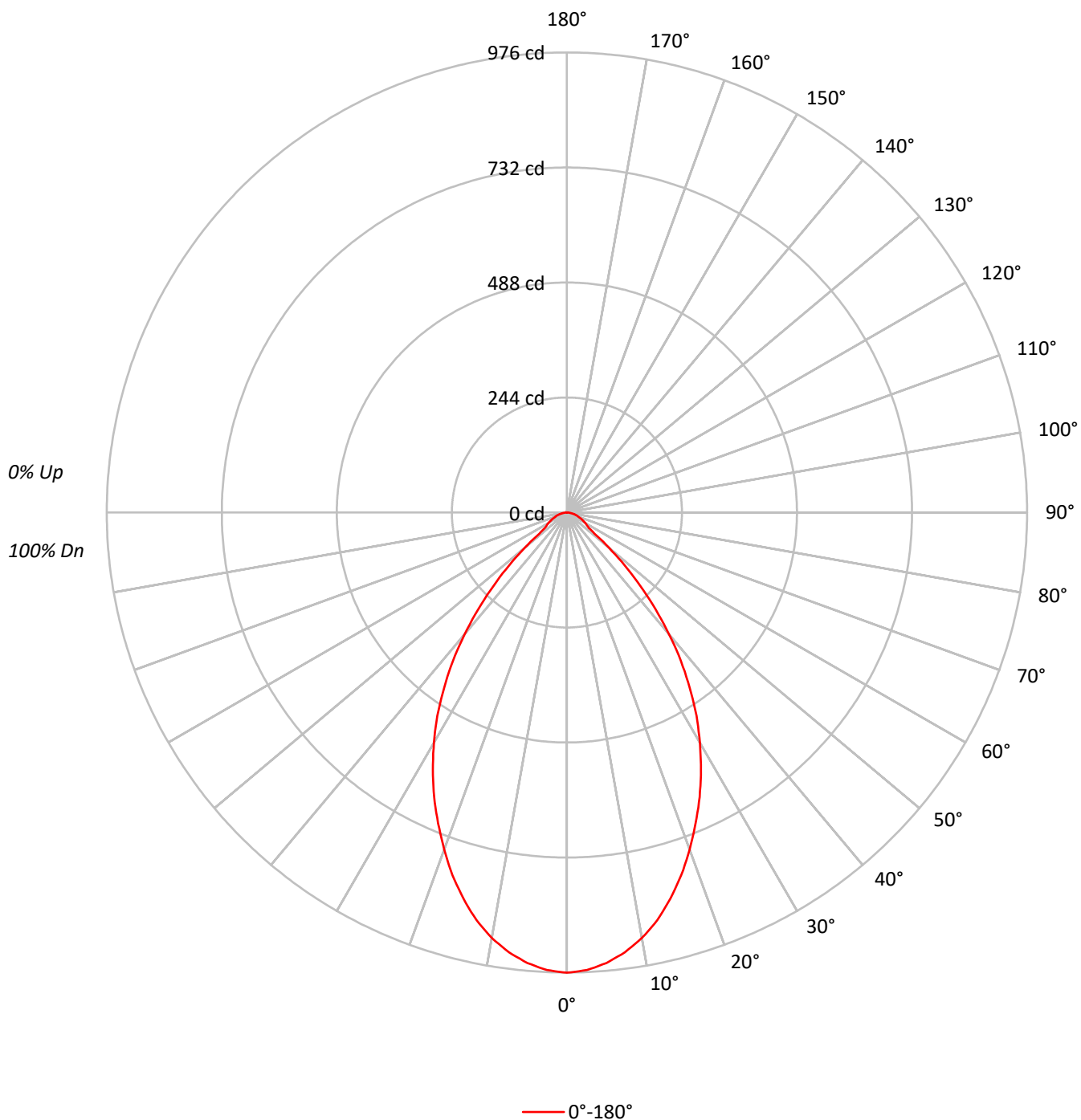
Lumens per Lamp: N/A
Luminaire Lumens: 1203.0 lumens
Efficiency: N/A
Efficacy: 43.9 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

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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	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°	214084
5°	211204
10°	204116
15°	192487
20°	177559
25°	161163
30°	142756
35°	121479
40°	96638
45°	68224
50°	39606
55°	21600
60°	20086
65°	18212
70°	16669
75°	15504
80°	13512
85°	11573

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 68224 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	90.2	7.5
10°-20°	237.2	19.7
20°-30°	304.9	25.3
30°-40°	282.0	23.4
40°-50°	170.2	14.2
50°-60°	58.0	4.8
60°-70°	34.9	2.9
70°-80°	19.7	1.6
80°-90°	5.6	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°	632.3	52.6
0°-40°	914.4	76.0
0°-60°	1142.7	95.0
0°-90°	1203.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1203.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	976	
5°	960	90
15°	848	237
25°	666	305
35°	454	282
45°	220	170
55°	56	58
65°	35	35
75°	18	20
85°	5	6
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	976.3
2.5°	971.7
5°	959.5
7.5°	941.1
10°	916.7
12.5°	886.1
15°	847.9
17.5°	806.7
20°	760.9
22.5°	713.5
25°	666.1
27.5°	615.7
30°	563.8
32.5°	511.8
35°	453.8
37.5°	397.2
40°	337.6
42.5°	278.1
45°	220.0
47.5°	166.5
50°	116.1
52.5°	73.3
55°	56.5
57.5°	50.4
60°	45.8
62.5°	39.7
65°	35.1
67.5°	30.6
70°	26.0
72.5°	22.9
75°	18.3
77.5°	15.3
80°	10.7
82.5°	7.6
85°	4.6
87.5°	3.1
90°	0.0

(END OF REPORT)