

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: P1252859

Luminaire Tested: P3AS20R609030D010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1252859
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-38)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R609030D010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R60 optic, 3000K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

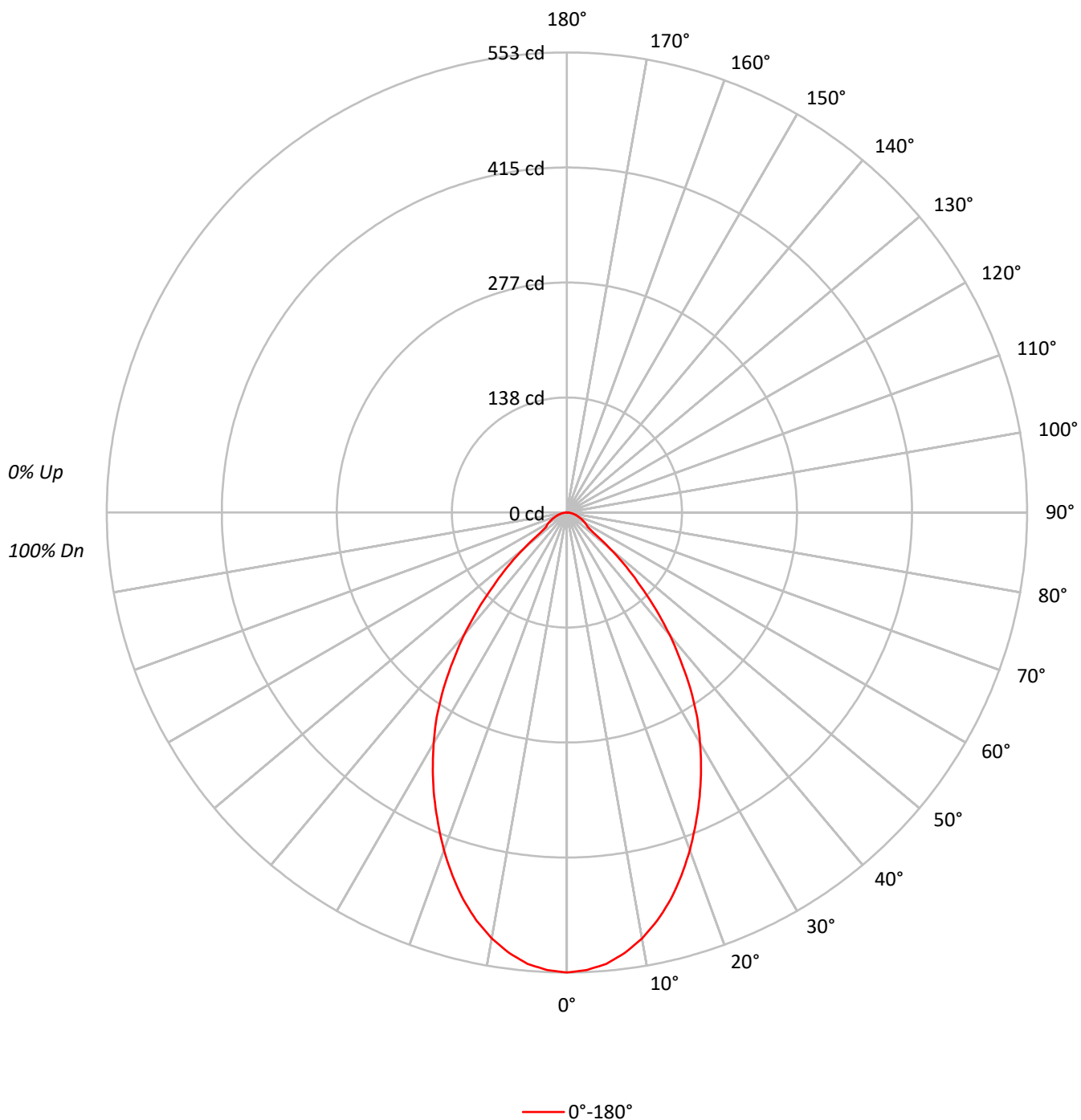
Lumens per Lamp: N/A
Luminaire Lumens: 683.0 lumens
Efficiency: N/A
Efficacy: 23.7 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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

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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°	121240
5°	119876
10°	115740
15°	109331
20°	100785
25°	91263
30°	81025
35°	69225
40°	55046
45°	38826
50°	23198
55°	11737
60°	11271
65°	10325
70°	9553
75°	9150
80°	8334
85°	6290

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 38826 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	51.2	7.5
10°-20°	134.6	19.7
20°-30°	172.8	25.3
30°-40°	160.2	23.5
40°-50°	97.6	14.3
50°-60°	32.5	4.8
60°-70°	19.8	2.9
70°-80°	11.1	1.6
80°-90°	3.2	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°	358.6	52.5
0°-40°	518.8	76.0
0°-60°	648.9	95.0
0°-90°	683.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	683.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	553	
5°	545	51
15°	482	135
25°	377	173
35°	259	160
45°	125	98
55°	31	33
65°	20	20
75°	11	11
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	552.9
2.5°	550.4
5°	544.6
7.5°	533.8
10°	519.8
12.5°	502.3
15°	481.6
17.5°	457.6
20°	431.9
22.5°	404.5
25°	377.2
27.5°	349.0
30°	320.0
32.5°	291.0
35°	258.6
37.5°	224.6
40°	192.3
42.5°	158.3
45°	125.2
47.5°	97.0
50°	68.0
52.5°	40.6
55°	30.7
57.5°	28.2
60°	25.7
62.5°	22.4
65°	19.9
67.5°	17.4
70°	14.9
72.5°	12.4
75°	10.8
77.5°	8.3
80°	6.6
82.5°	4.1
85°	2.5
87.5°	1.7
90°	0.0

(END OF REPORT)