

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: P1252860

Luminaire Tested: P3AS20R609030D010 E3DLD1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1252860
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 E3DLD1H
Description: 3in Adjustable LED luminaire with, R60 optic, 3000K CCT AND, 90CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

Summary

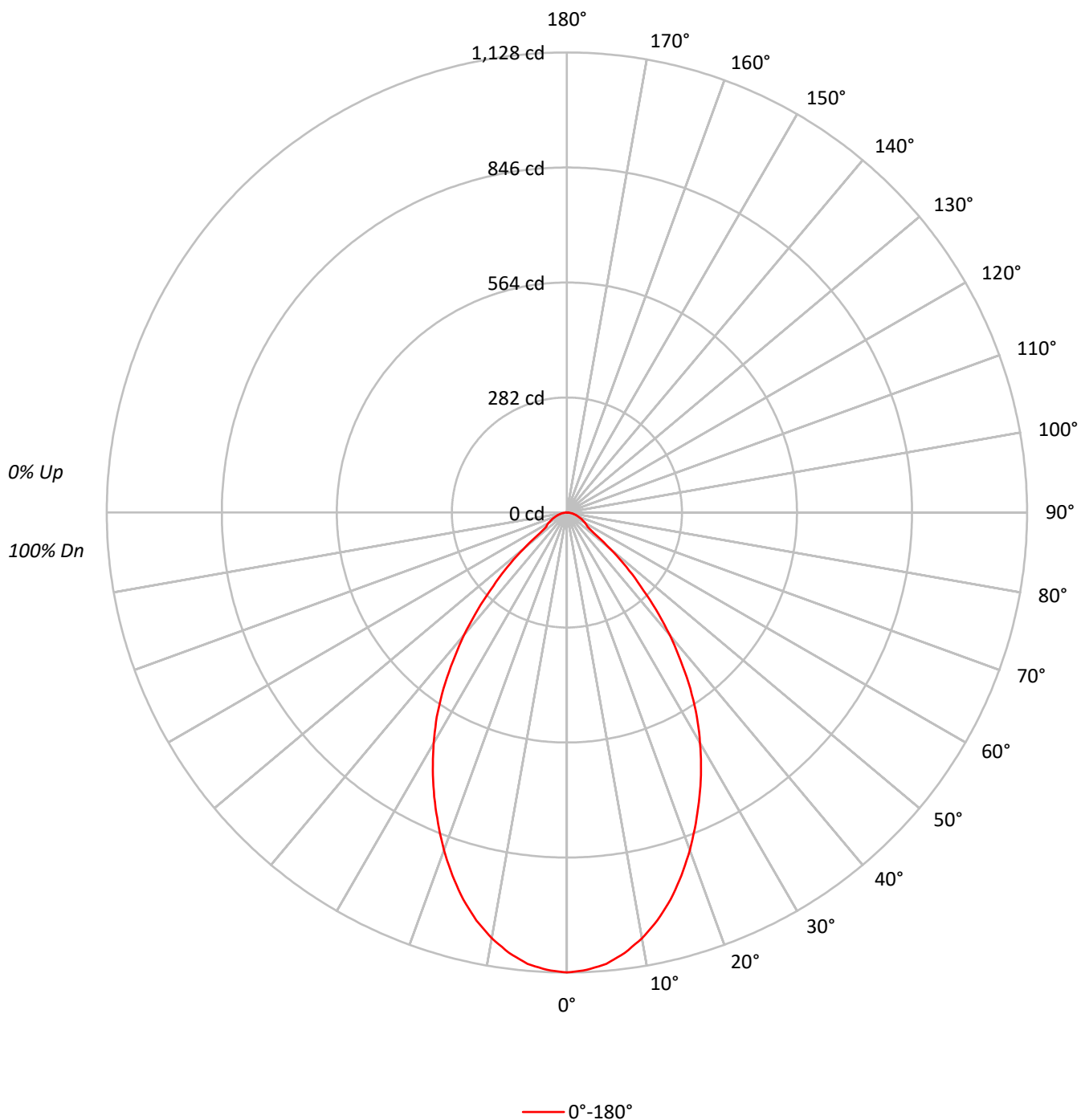
Lumens per Lamp: N/A
Luminaire Lumens: 1393.0 lumens
Efficiency: N/A
Efficacy: 48.4 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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°	247283
5°	244507
10°	236046
15°	222998
20°	205538
25°	186132
30°	165241
35°	141208
40°	112267
45°	79171
50°	47282
55°	23932
60°	22981
65°	21066
70°	19490
75°	18639
80°	17048
85°	12831

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 79171 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	104.4	7.5
10°-20°	274.5	19.7
20°-30°	352.5	25.3
30°-40°	326.8	23.5
40°-50°	199.0	14.3
50°-60°	66.3	4.8
60°-70°	40.3	2.9
70°-80°	22.7	1.6
80°-90°	6.5	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°	731.4	52.5
0°-40°	1058.2	76.0
0°-60°	1323.5	95.0
0°-90°	1393.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1393.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1128	
5°	1111	104
15°	982	275
25°	769	352
35°	528	327
45°	255	199
55°	63	66
65°	41	40
75°	22	23
85°	5	6
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	1127.7
2.5°	1122.6
5°	1110.8
7.5°	1088.8
10°	1060.1
12.5°	1024.5
15°	982.3
17.5°	933.3
20°	880.8
22.5°	825.0
25°	769.3
27.5°	711.8
30°	652.6
32.5°	593.4
35°	527.5
37.5°	458.2
40°	392.2
42.5°	322.9
45°	255.3
47.5°	197.8
50°	138.6
52.5°	82.8
55°	62.6
57.5°	57.5
60°	52.4
62.5°	45.6
65°	40.6
67.5°	35.5
70°	30.4
72.5°	25.4
75°	22.0
77.5°	16.9
80°	13.5
82.5°	8.5
85°	5.1
87.5°	3.4
90°	0.0

(END OF REPORT)