

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: P1250157

Luminaire Tested: P3AS20R609027D010 E3DLD1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1250157
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: P3AS20R609027D010 E3DLD1WMH
Description: 3in Adjustable LED luminaire with, R60 optic, 2700K CCT AND, 90CRI , E3DLD1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

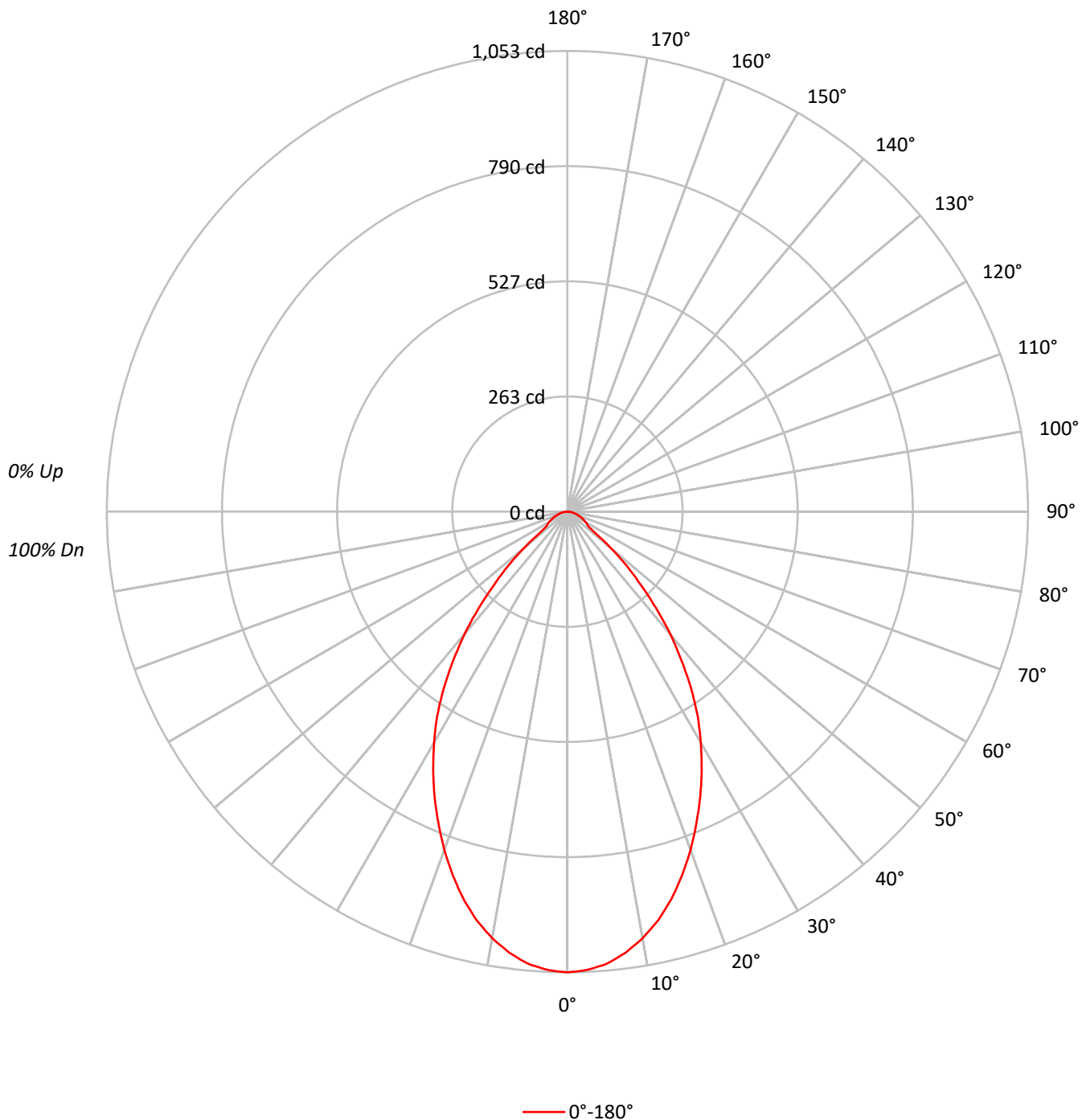
Lumens per Lamp: N/A
Luminaire Lumens: 1301.0 lumens
Efficiency: N/A
Efficacy: 45.2 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	230946
5°	228351
10°	220437
15°	208265
20°	191980
25°	173841
30°	154328
35°	131892
40°	104854
45°	73930
50°	44178
55°	22327
60°	21446
65°	19665
70°	18208
75°	17368
80°	15911
85°	11825

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 73930 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	97.5	7.5
10°-20°	256.4	19.7
20°-30°	329.2	25.3
30°-40°	305.2	23.5
40°-50°	185.8	14.3
50°-60°	61.9	4.8
60°-70°	37.7	2.9
70°-80°	21.2	1.6
80°-90°	6.0	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°	683.1	52.5
0°-40°	988.3	76.0
0°-60°	1236.1	95.0
0°-90°	1301.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1301.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1053	
5°	1037	97
15°	917	256
25°	718	329
35°	493	305
45°	238	186
55°	58	62
65°	38	38
75°	20	21
85°	5	6
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1053.2
2.5°	1048.5
5°	1037.4
7.5°	1016.9
10°	990.0
12.5°	956.9
15°	917.4
17.5°	871.6
20°	822.7
22.5°	770.6
25°	718.5
27.5°	664.8
30°	609.5
32.5°	554.2
35°	492.7
37.5°	427.9
40°	366.3
42.5°	301.6
45°	238.4
47.5°	184.7
50°	129.5
52.5°	77.4
55°	58.4
57.5°	53.7
60°	48.9
62.5°	42.6
65°	37.9
67.5°	33.2
70°	28.4
72.5°	23.7
75°	20.5
77.5°	15.8
80°	12.6
82.5°	7.9
85°	4.7
87.5°	3.2
90°	0.0

(END OF REPORT)