

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: P1272625

Luminaire Tested: P3AS20R259827D010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1272625
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-11)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R259827D010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 2700K CCT AND, 98CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

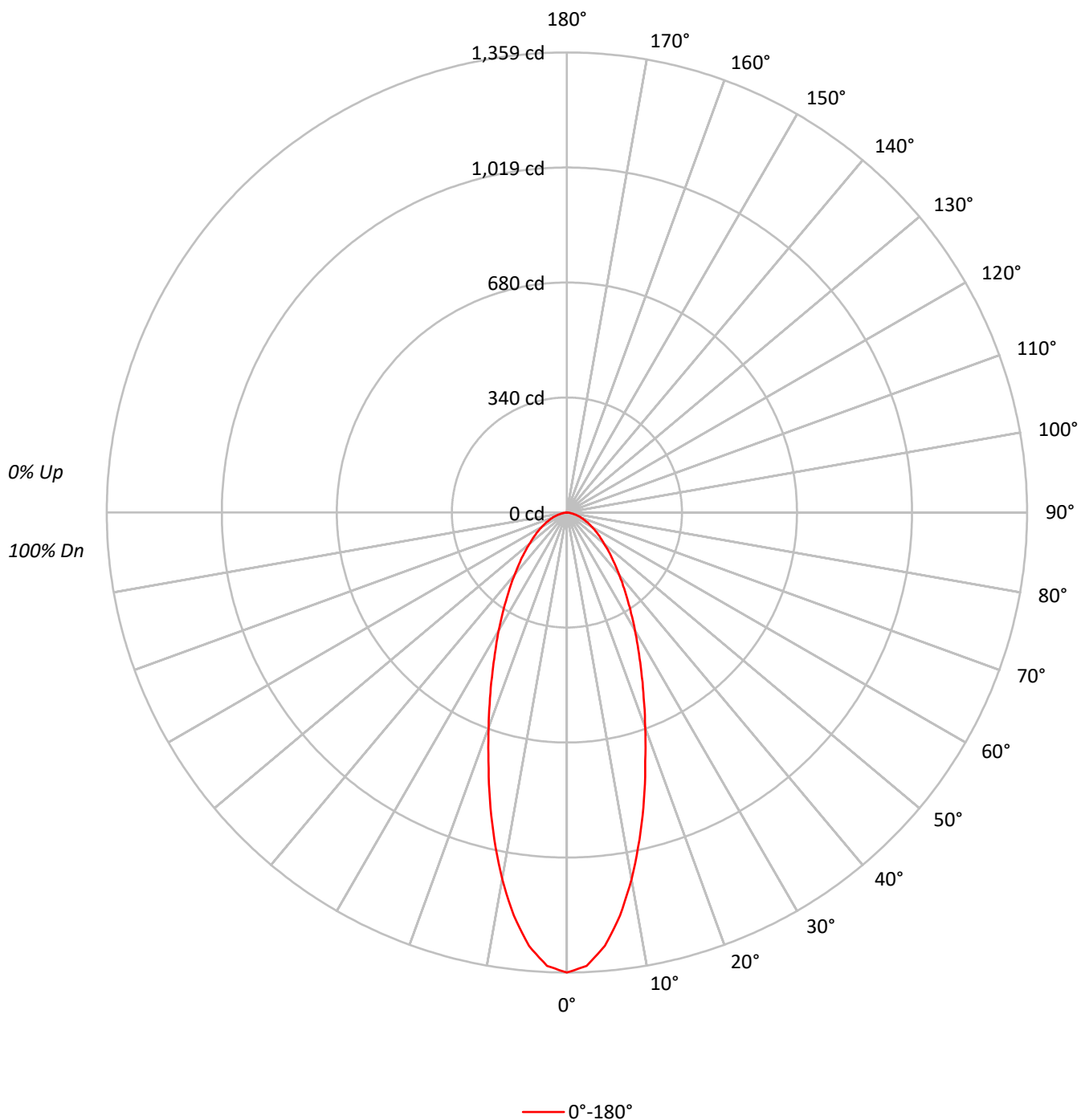
Lumens per Lamp: N/A
Luminaire Lumens: 1142.0 lumens
Efficiency: N/A
Efficacy: 41.7 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.71
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	108	105	102	109	106	103	100	102	99	97		98	96	94		95
2	104	98	93	89	102	96	92	88	93	89	86		90	87	84		87
3	97	89	83	78	95	88	82	77	85	80	76		83	78	75		80
4	91	82	75	70	89	81	74	69	78	73	69		76	72	68		74
5	86	76	68	63	84	75	68	63	73	67	62		71	66	62		69
6	81	70	63	58	79	69	62	57	68	62	57		66	61	57		65
7	76	65	58	53	75	64	58	53	63	57	53		62	56	52		61
8	72	61	54	49	71	60	54	49	59	53	49		58	53	49		57
9	68	57	50	46	67	57	50	46	56	50	46		55	49	45		54
10	65	54	47	43	64	53	47	43	52	47	43		52	46	43		51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	297981
5°	282852
10°	244974
15°	199434
20°	157584
25°	125644
30°	101864
35°	82985
40°	68757
45°	57928
50°	49022
55°	43162
60°	37804
65°	33000
70°	28979
75°	24316
80°	18184
85°	10315

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 57928 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	116.7	10.2
10°-20°	243.6	21.3
20°-30°	240.1	21.0
30°-40°	195.5	17.1
40°-50°	145.0	12.7
50°-60°	101.3	8.9
60°-70°	63.4	5.6
70°-80°	30.5	2.7
80°-90°	5.9	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°	600.4	52.6
0°-40°	795.9	69.7
0°-60°	1042.2	91.3
0°-90°	1142.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1142.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1359	
5°	1285	117
15°	878	244
25°	519	240
35°	310	195
45°	187	145
55°	113	101
65°	64	63
75°	29	31
85°	4	6
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	1358.9
2.5°	1340.4
5°	1285.0
7.5°	1200.8
10°	1100.2
12.5°	989.4
15°	878.5
17.5°	769.7
20°	675.3
22.5°	593.2
25°	519.3
27.5°	455.7
30°	402.3
32.5°	353.1
35°	310.0
37.5°	273.0
40°	240.2
42.5°	211.4
45°	186.8
47.5°	164.2
50°	143.7
52.5°	127.3
55°	112.9
57.5°	98.5
60°	86.2
62.5°	73.9
65°	63.6
67.5°	53.4
70°	45.2
72.5°	36.9
75°	28.7
77.5°	20.5
80°	14.4
82.5°	8.2
85°	4.1
87.5°	2.1
90°	0.0

(END OF REPORT)