

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: P1252668

Luminaire Tested: P3AS20R259030D010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1252668
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: P3AS20R259030D010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 90CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

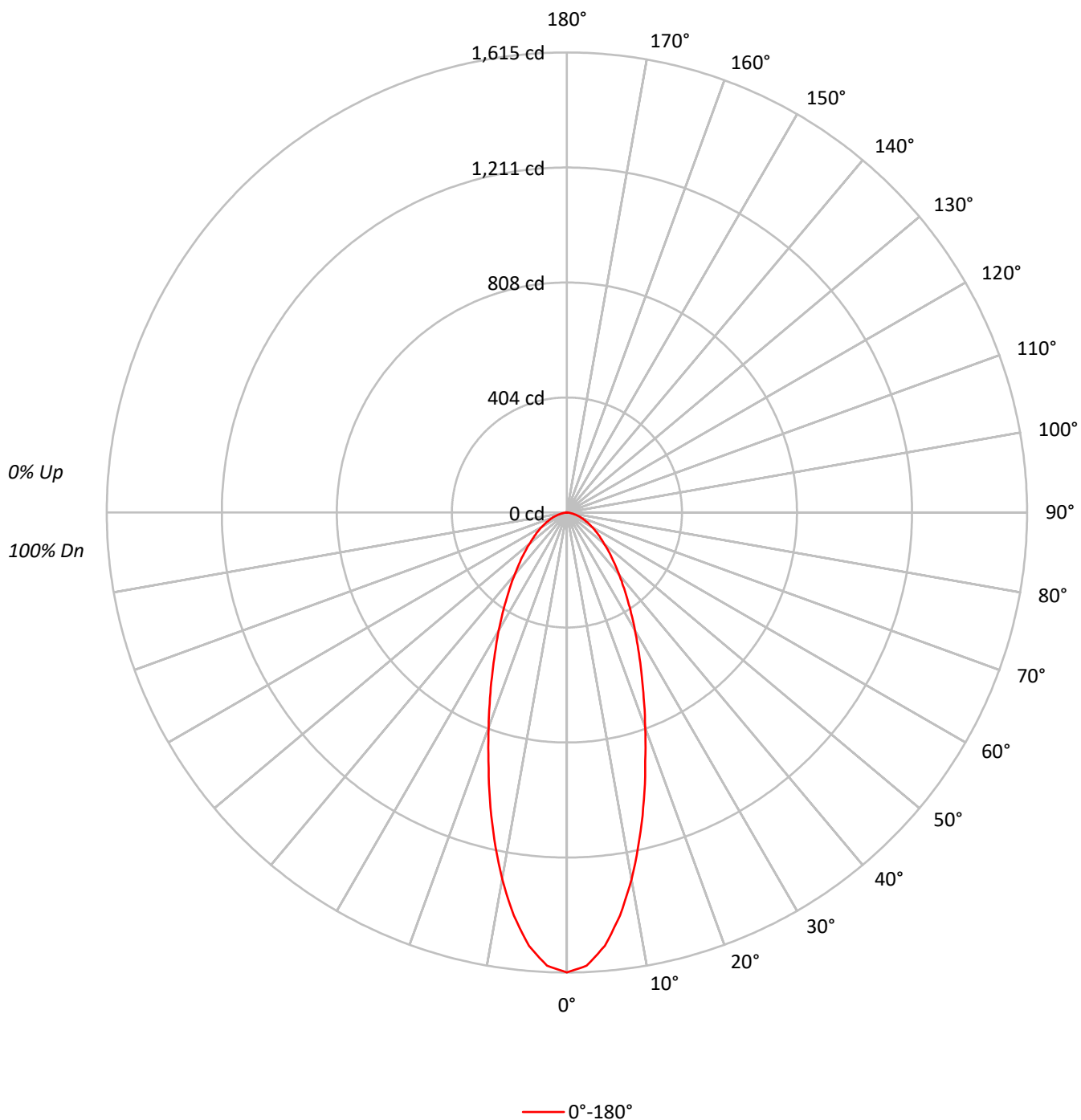
Lumens per Lamp: N/A
Luminaire Lumens: 1357.0 lumens
Efficiency: N/A
Efficacy: 47.1 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.71
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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	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°	354073
5°	336099
10°	291110
15°	236982
20°	187266
25°	149307
30°	121057
35°	98591
40°	81696
45°	68844
50°	58233
55°	51305
60°	44909
65°	39226
70°	34429
75°	28891
80°	21594
85°	12328

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 68844 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	138.6	10.2
10°-20°	289.5	21.3
20°-30°	285.3	21.0
30°-40°	232.3	17.1
40°-50°	172.3	12.7
50°-60°	120.3	8.9
60°-70°	75.3	5.6
70°-80°	36.3	2.7
80°-90°	7.0	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°	713.5	52.6
0°-40°	945.7	69.7
0°-60°	1238.4	91.3
0°-90°	1357.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1357.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1615	
5°	1527	139
15°	1044	289
25°	617	285
35°	368	232
45°	222	172
55°	134	120
65°	76	75
75°	34	36
85°	5	7
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1614.7
2.5°	1592.7
5°	1526.9
7.5°	1426.9
10°	1307.4
12.5°	1175.6
15°	1043.9
17.5°	914.7
20°	802.5
22.5°	704.9
25°	617.1
27.5°	541.5
30°	478.1
32.5°	419.5
35°	368.3
37.5°	324.4
40°	285.4
42.5°	251.2
45°	222.0
47.5°	195.1
50°	170.7
52.5°	151.2
55°	134.2
57.5°	117.1
60°	102.4
62.5°	87.8
65°	75.6
67.5°	63.4
70°	53.7
72.5°	43.9
75°	34.1
77.5°	24.4
80°	17.1
82.5°	9.8
85°	4.9
87.5°	2.4
90°	0.0

(END OF REPORT)