

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: P1252610

Luminaire Tested: P3AS20R159030D010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1252610
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R159030D010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R15 optic, 3000K CCT AND, 90CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

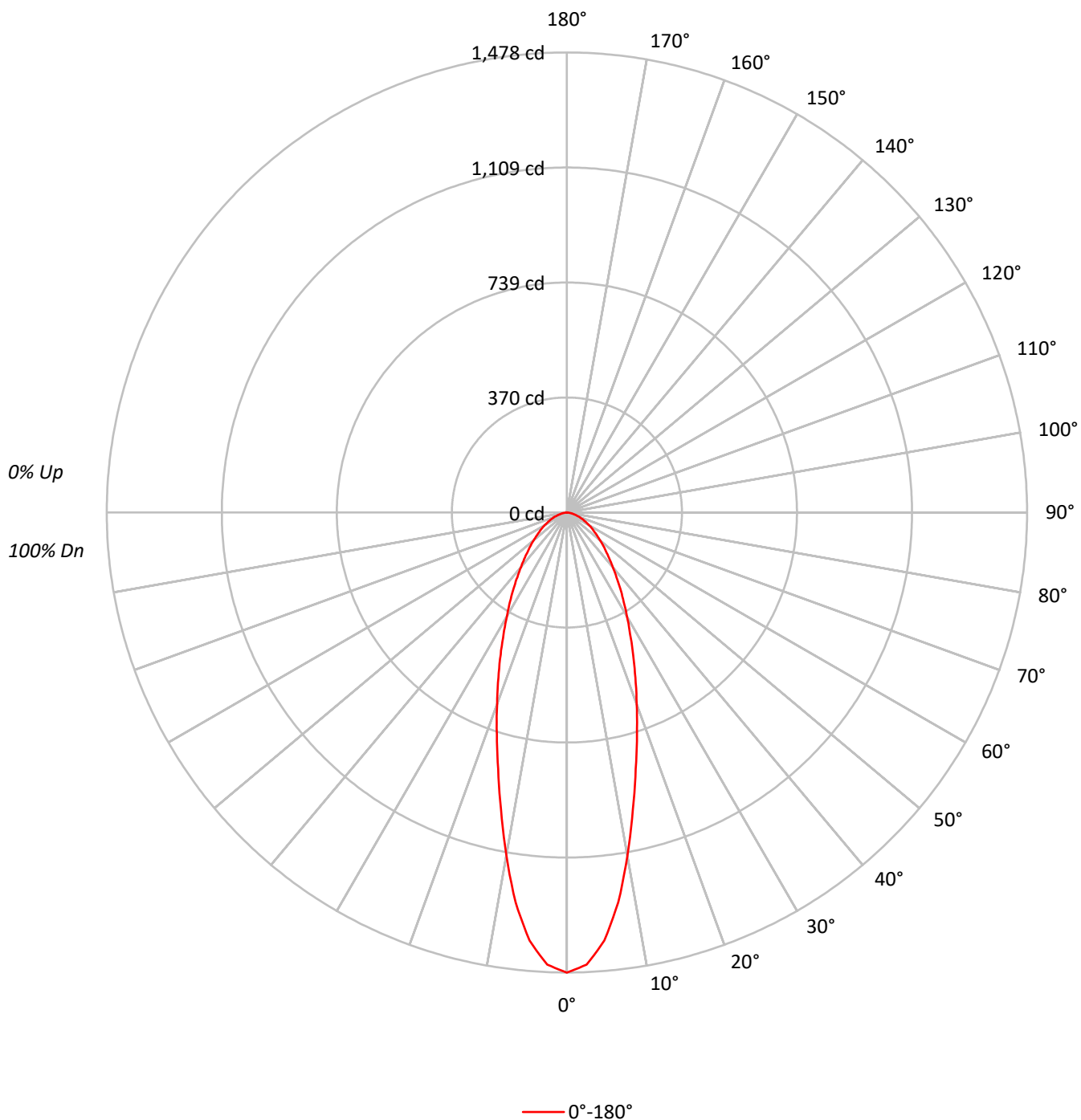
Lumens per Lamp: N/A
Luminaire Lumens: 1114.0 lumens
Efficiency: N/A
Efficacy: 38.7 lumens/watt
Spacing Criteria (0/90/45): 0.56 / 0.56 / 0.66
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	101	102	100	97		98	96	95		95
2	104	98	93	89	102	97	92	88	93	89	86		90	87	84		87
3	98	90	84	79	96	88	83	78	85	81	77		83	79	75		81
4	92	82	76	70	90	81	75	70	79	73	69		77	72	68		75
5	86	76	69	64	84	75	68	63	73	67	63		71	66	62		70
6	81	71	63	58	79	70	63	58	68	62	58		67	61	57		65
7	77	66	59	54	75	65	58	54	64	58	53		62	57	53		61
8	72	61	55	50	71	61	54	50	60	54	49		59	53	49		58
9	69	58	51	47	68	57	51	46	56	50	46		55	50	46		54
10	65	54	48	44	64	54	48	44	53	47	43		52	47	43		52

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	324185
5°	303895
10°	249205
15°	193599
20°	152823
25°	121797
30°	97762
35°	79799
40°	65752
45°	55324
50°	47521
55°	41098
60°	36444
65°	31702
70°	28210
75°	22791
80°	18563
85°	12328

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 55324 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	123.3	11.1
10°-20°	238.9	21.4
20°-30°	232.2	20.8
30°-40°	187.7	16.8
40°-50°	139.3	12.5
50°-60°	97.4	8.7
60°-70°	61.0	5.5
70°-80°	29.0	2.6
80°-90°	5.3	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°	594.4	53.4
0°-40°	782.0	70.2
0°-60°	1018.7	91.4
0°-90°	1114.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1114.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1478	
5°	1381	123
15°	853	239
25°	503	232
35°	298	188
45°	178	139
55°	108	97
65°	61	61
75°	27	29
85°	5	5
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1478.4
2.5°	1453.9
5°	1380.6
7.5°	1263.3
10°	1119.2
12.5°	977.4
15°	852.8
17.5°	747.7
20°	654.9
22.5°	574.2
25°	503.4
27.5°	439.8
30°	386.1
32.5°	339.7
35°	298.1
37.5°	261.5
40°	229.7
42.5°	202.8
45°	178.4
47.5°	158.8
50°	139.3
52.5°	122.2
55°	107.5
57.5°	95.3
60°	83.1
62.5°	70.9
65°	61.1
67.5°	51.3
70°	44.0
72.5°	34.2
75°	26.9
77.5°	19.5
80°	14.7
82.5°	7.3
85°	4.9
87.5°	0.0
90°	0.0

(END OF REPORT)