

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: P1272248

Luminaire Tested: P3AS17R209827DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1272248
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-10)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R209827DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 2700K CCT AND, 98CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

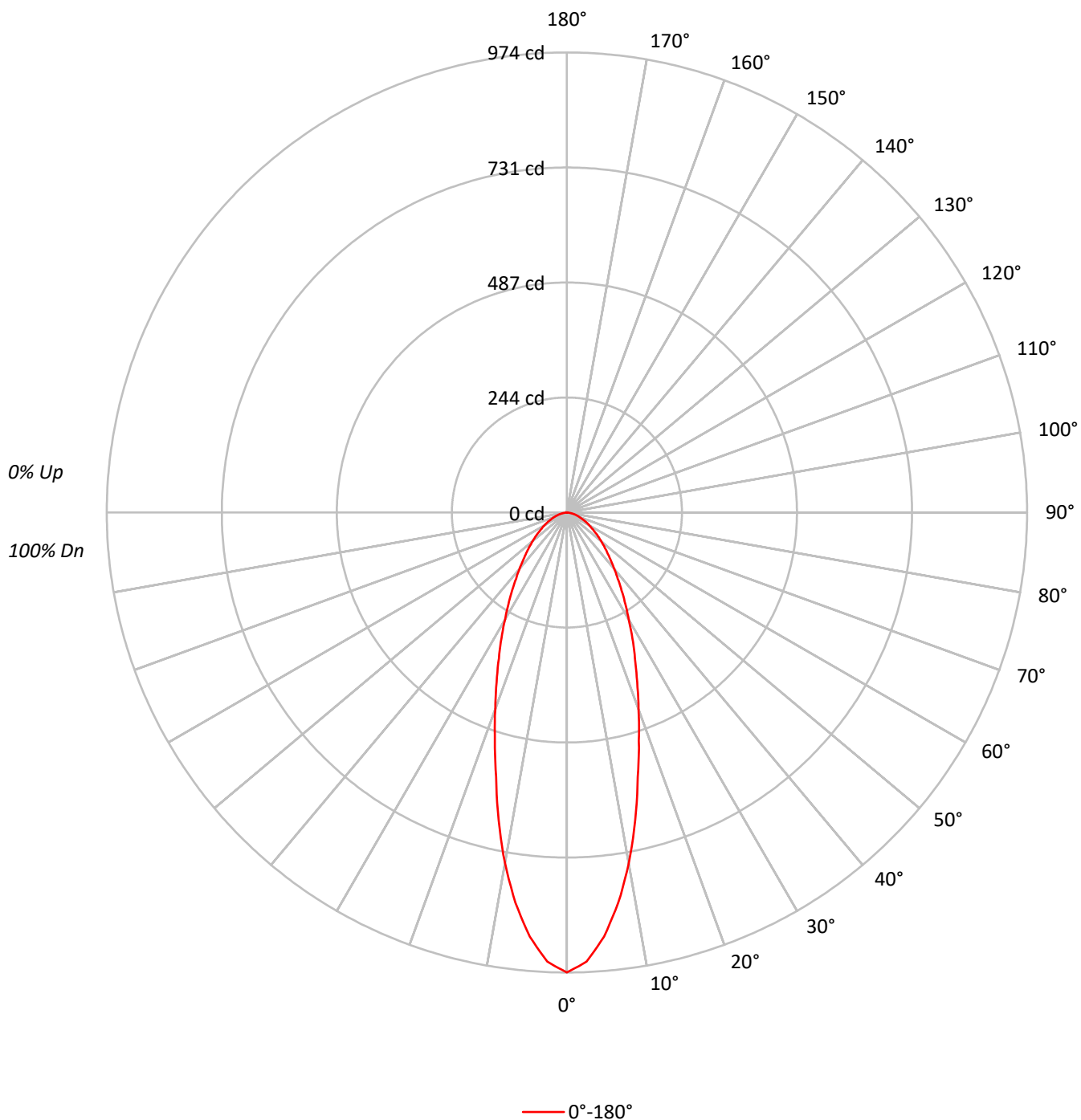
Lumens per Lamp: N/A
Luminaire Lumens: 753.0 lumens
Efficiency: N/A
Efficacy: 36.9 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.68
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 20.4
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	101	102	100	97		98	96	95		95
2	104	98	93	89	102	96	92	88	93	89	86		90	87	84		87
3	98	90	83	78	95	88	82	78	85	81	77		83	79	75		80
4	92	82	75	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	70	63	58	79	70	63	58	68	62	58		66	61	57		65
7	76	66	59	54	75	65	58	53	64	58	53		62	57	53		61
8	72	61	54	50	71	61	54	50	60	54	49		58	53	49		57
9	69	58	51	46	67	57	51	46	56	50	46		55	50	46		54
10	65	54	48	43	64	54	48	43	53	47	43		52	47	43		51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	213557
5°	198393
10°	168000
15°	131510
20°	103492
25°	82481
30°	66339
35°	54074
40°	44741
45°	37678
50°	32306
55°	27755
60°	24209
65°	21273
70°	18208
75°	16013
80°	11996
85°	8051

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 37678 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	81.4	10.8
10°-20°	162.2	21.5
20°-30°	157.5	20.9
30°-40°	127.2	16.9
40°-50°	94.5	12.6
50°-60°	65.7	8.7
60°-70°	41.1	5.5
70°-80°	20.0	2.7
80°-90°	3.4	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°	401.0	53.3
0°-40°	528.2	70.2
0°-60°	688.4	91.4
0°-90°	753.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	753.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	974	
5°	901	81
15°	579	162
25°	341	157
35°	202	127
45°	122	95
55°	73	66
65°	41	41
75°	19	20
85°	3	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	973.9
2.5°	951.8
5°	901.3
7.5°	833.4
10°	754.5
12.5°	667.7
15°	579.3
17.5°	506.7
20°	443.5
22.5°	388.3
25°	340.9
27.5°	299.9
30°	262.0
32.5°	230.4
35°	202.0
37.5°	176.8
40°	156.3
42.5°	137.3
45°	121.5
47.5°	107.3
50°	94.7
52.5°	83.7
55°	72.6
57.5°	63.1
60°	55.2
62.5°	48.9
65°	41.0
67.5°	34.7
70°	28.4
72.5°	23.7
75°	18.9
77.5°	14.2
80°	9.5
82.5°	4.7
85°	3.2
87.5°	0.0
90°	0.0

(END OF REPORT)