

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: P1251508

Luminaire Tested: P3AS09R209030DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1251508
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: P3AS09R209030DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 3000K CCT AND, 90CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

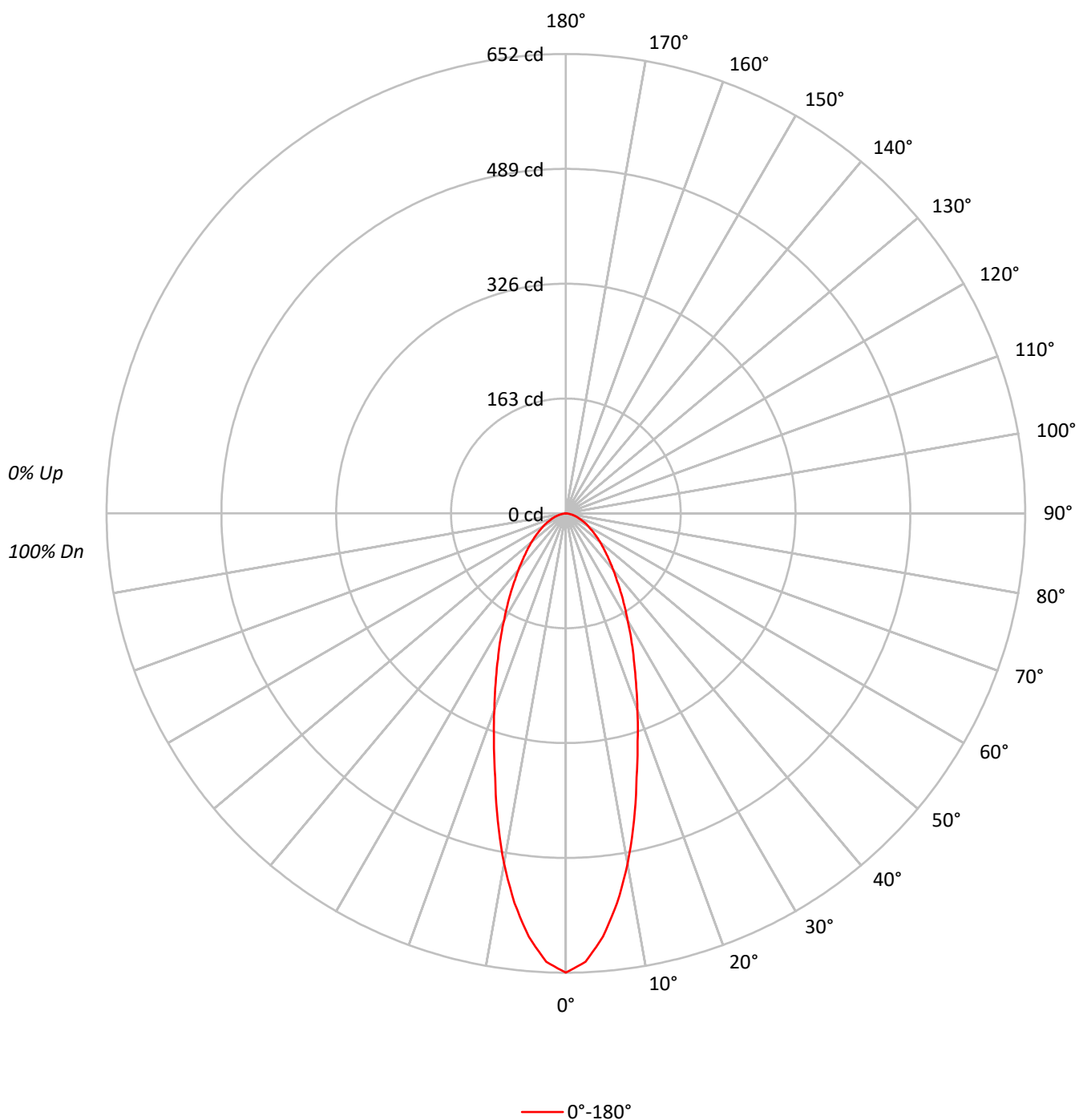
Lumens per Lamp: N/A
Luminaire Lumens: 504.0 lumens
Efficiency: N/A
Efficacy: 45.4 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.68
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
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°	142927
5°	132775
10°	112445
15°	88014
20°	69283
25°	55213
30°	44412
35°	36192
40°	29942
45°	25212
50°	21628
55°	18580
60°	16227
65°	14269
70°	12182
75°	10760
80°	7956
85°	5284

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 25212 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	54.5	10.8
10°-20°	108.5	21.5
20°-30°	105.4	20.9
30°-40°	85.1	16.9
40°-50°	63.3	12.6
50°-60°	44.0	8.7
60°-70°	27.5	5.5
70°-80°	13.3	2.6
80°-90°	2.3	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°	268.4	53.3
0°-40°	353.5	70.2
0°-60°	460.8	91.4
0°-90°	504.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	504.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	652	
5°	603	54
15°	388	109
25°	228	105
35°	135	85
45°	81	63
55°	49	44
65°	28	28
75°	13	13
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	651.8
2.5°	637.0
5°	603.2
7.5°	557.8
10°	505.0
12.5°	446.9
15°	387.7
17.5°	339.1
20°	296.9
22.5°	259.9
25°	228.2
27.5°	200.7
30°	175.4
32.5°	154.2
35°	135.2
37.5°	118.3
40°	104.6
42.5°	91.9
45°	81.3
47.5°	71.8
50°	63.4
52.5°	56.0
55°	48.6
57.5°	42.3
60°	37.0
62.5°	32.7
65°	27.5
67.5°	23.2
70°	19.0
72.5°	15.8
75°	12.7
77.5°	9.5
80°	6.3
82.5°	3.2
85°	2.1
87.5°	0.0
90°	0.0

(END OF REPORT)