

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: P1253045

Luminaire Tested: P3AS24R309030D010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1253045
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-12)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R309030D010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 3000K CCT AND, 90CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

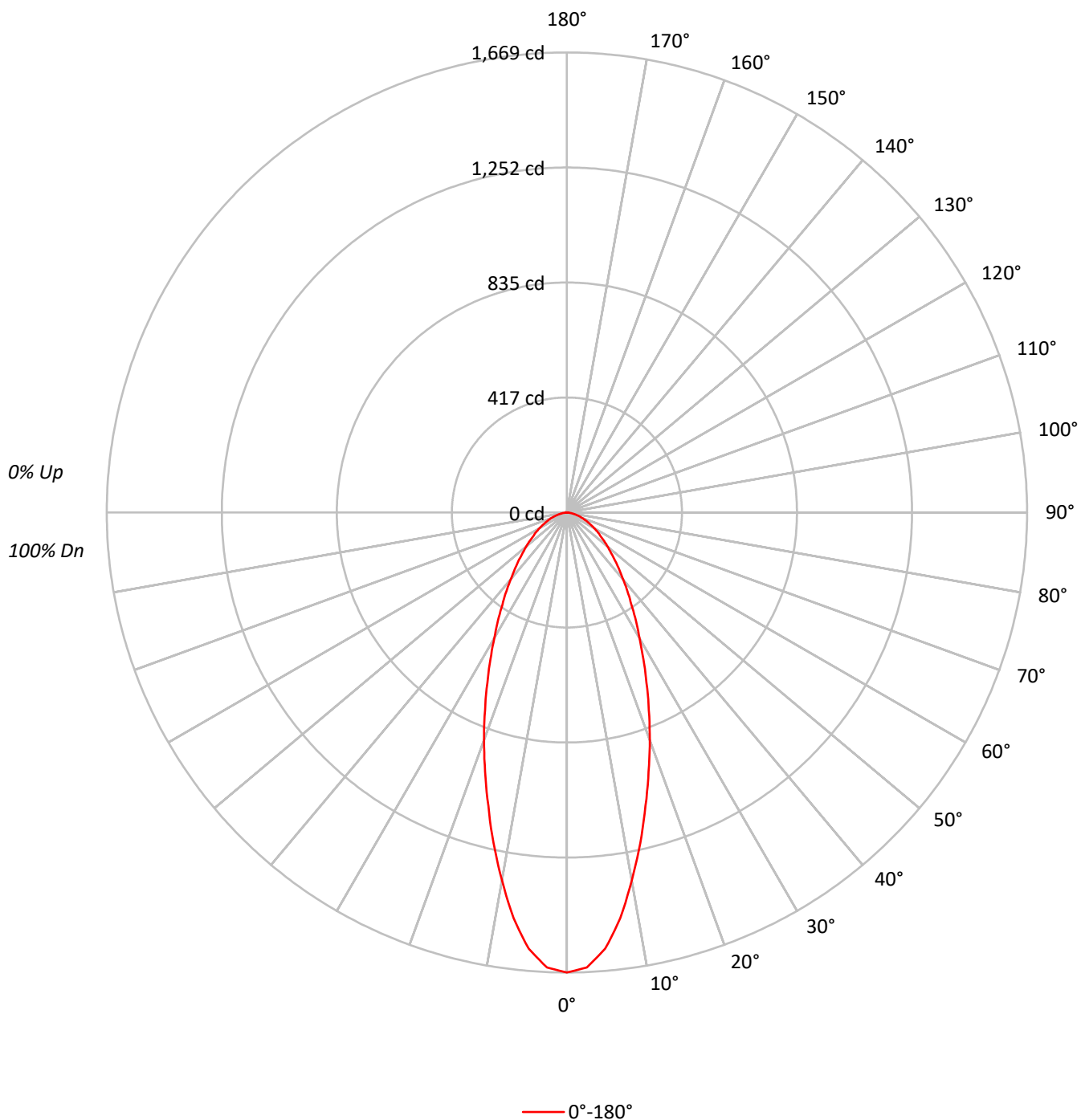
Lumens per Lamp: N/A
Luminaire Lumens: 1485.0 lumens
Efficiency: N/A
Efficacy: 51.6 lumens/watt
Spacing Criteria (0/90/45): 0.65 / 0.65 / 0.74
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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		94
2	104	98	93	88	102	96	91	87	93	89	85		90	86	83		87
3	97	89	83	78	95	88	82	77	85	80	76		82	78	75		80
4	91	82	75	69	89	80	74	69	78	72	68		76	71	67		74
5	85	75	68	63	84	74	67	62	72	66	62		70	65	61		69
6	80	69	62	57	79	69	62	57	67	61	56		65	60	56		64
7	76	65	57	52	74	64	57	52	62	56	52		61	56	52		60
8	71	60	53	48	70	60	53	48	58	52	48		57	52	48		56
9	68	57	50	45	66	56	49	45	55	49	45		54	49	45		53
10	64	53	47	42	63	53	46	42	52	46	42		51	46	42		50

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	365936
5°	349746
10°	301664
15°	250058
20°	204978
25°	165227
30°	133185
35°	109111
40°	90656
45°	76845
50°	65772
55°	56849
60°	50742
65°	44311
70°	38853
75°	32703
80°	24372
85°	13838

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 76845 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	144.0	9.7
10°-20°	307.2	20.7
20°-30°	314.8	21.2
30°-40°	257.4	17.3
40°-50°	192.5	13.0
50°-60°	135.2	9.1
60°-70°	85.1	5.7
70°-80°	41.0	2.8
80°-90°	7.9	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°	766.0	51.6
0°-40°	1023.4	68.9
0°-60°	1351.1	91.0
0°-90°	1485.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1485.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1669	
5°	1589	144
15°	1102	307
25°	683	315
35°	408	257
45°	248	192
55°	149	135
65°	85	85
75°	39	41
85°	6	8
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	1668.8
2.5°	1652.2
5°	1588.9
7.5°	1484.3
10°	1354.8
12.5°	1228.2
15°	1101.5
17.5°	985.8
20°	878.4
22.5°	776.5
25°	682.9
27.5°	600.3
30°	526.0
32.5°	465.4
35°	407.6
37.5°	360.7
40°	316.7
42.5°	280.9
45°	247.8
47.5°	217.5
50°	192.8
52.5°	170.7
55°	148.7
57.5°	132.2
60°	115.7
62.5°	99.1
65°	85.4
67.5°	71.6
70°	60.6
72.5°	49.6
75°	38.6
77.5°	27.5
80°	19.3
82.5°	11.0
85°	5.5
87.5°	2.8
90°	0.0

(END OF REPORT)