

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: P1276421

Luminaire Tested: P3AS17R259835DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1276421
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-7)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R259835DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 98CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

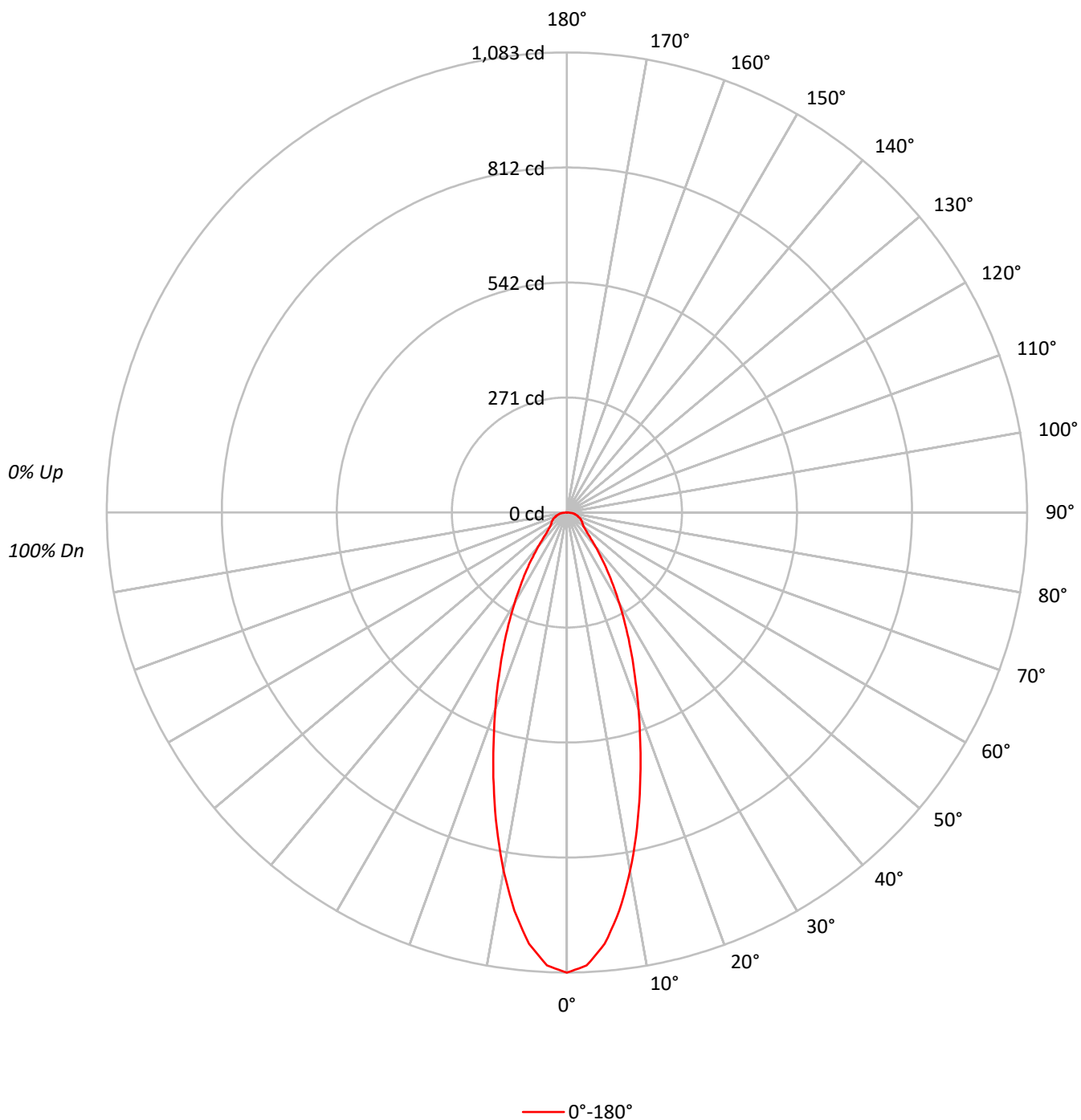
Lumens per Lamp: N/A
Luminaire Lumens: 707.1 lumens
Efficiency: N/A
Efficacy: 34.7 lumens/watt
Spacing Criteria (0/90/45): 0.59 / 0.59 / 0.65
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	105	99	94	90	103	97	93	89	94	90	87		91	88	85		88
3	99	91	85	80	97	90	84	80	87	82	78		84	80	77		82
4	93	84	78	73	91	83	77	73	81	76	72		79	74	71		77
5	88	79	72	67	86	78	71	67	76	70	66		74	69	66		72
6	84	74	67	62	82	73	66	62	71	66	61		70	65	61		68
7	79	69	63	58	78	68	62	58	67	61	57		66	61	57		65
8	76	65	59	54	74	65	58	54	63	58	54		62	57	54		61
9	72	62	55	51	71	61	55	51	60	55	51		59	54	51		58
10	69	59	52	48	68	58	52	48	57	52	48		56	51	48		56

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	237547
5°	224433
10°	190756
15°	151102
20°	114833
25°	85650
30°	62313
35°	44062
40°	29885
45°	20870
50°	17500
55°	16936
60°	17849
65°	18368
70°	18144
75°	19486
80°	22351
85°	22392

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 23856 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	92.0	13.0
10°-20°	184.2	26.1
20°-30°	163.1	23.1
30°-40°	103.9	14.7
40°-50°	55.0	7.8
50°-60°	40.4	5.7
60°-70°	34.4	4.9
70°-80°	24.3	3.4
80°-90°	9.6	1.4
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°	439.4	62.1
0°-40°	543.3	76.8
0°-60°	638.7	90.3
0°-90°	707.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	707.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1083	
5°	1020	92
15°	666	184
25°	354	163
35°	165	104
45°	67	55
55°	44	40
65°	35	34
75°	23	24
85°	9	10
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1083.3
2.5°	1067.4
5°	1019.6
7.5°	945.3
10°	856.7
12.5°	761.2
15°	665.6
17.5°	573.5
20°	492.1
22.5°	417.8
25°	354.0
27.5°	297.4
30°	246.1
32.5°	201.8
35°	164.6
37.5°	131.0
40°	104.4
42.5°	83.2
45°	67.3
47.5°	58.4
50°	51.3
52.5°	47.8
55°	44.3
57.5°	42.5
60°	40.7
62.5°	37.2
65°	35.4
67.5°	31.9
70°	28.3
72.5°	26.6
75°	23.0
77.5°	19.5
80°	17.7
82.5°	14.2
85°	8.9
87.5°	3.5
90°	0.0

(END OF REPORT)