

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: P1276044

Luminaire Tested: P3AS13R209835DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1276044
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-6)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R209835DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 3500K CCT AND, 98CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

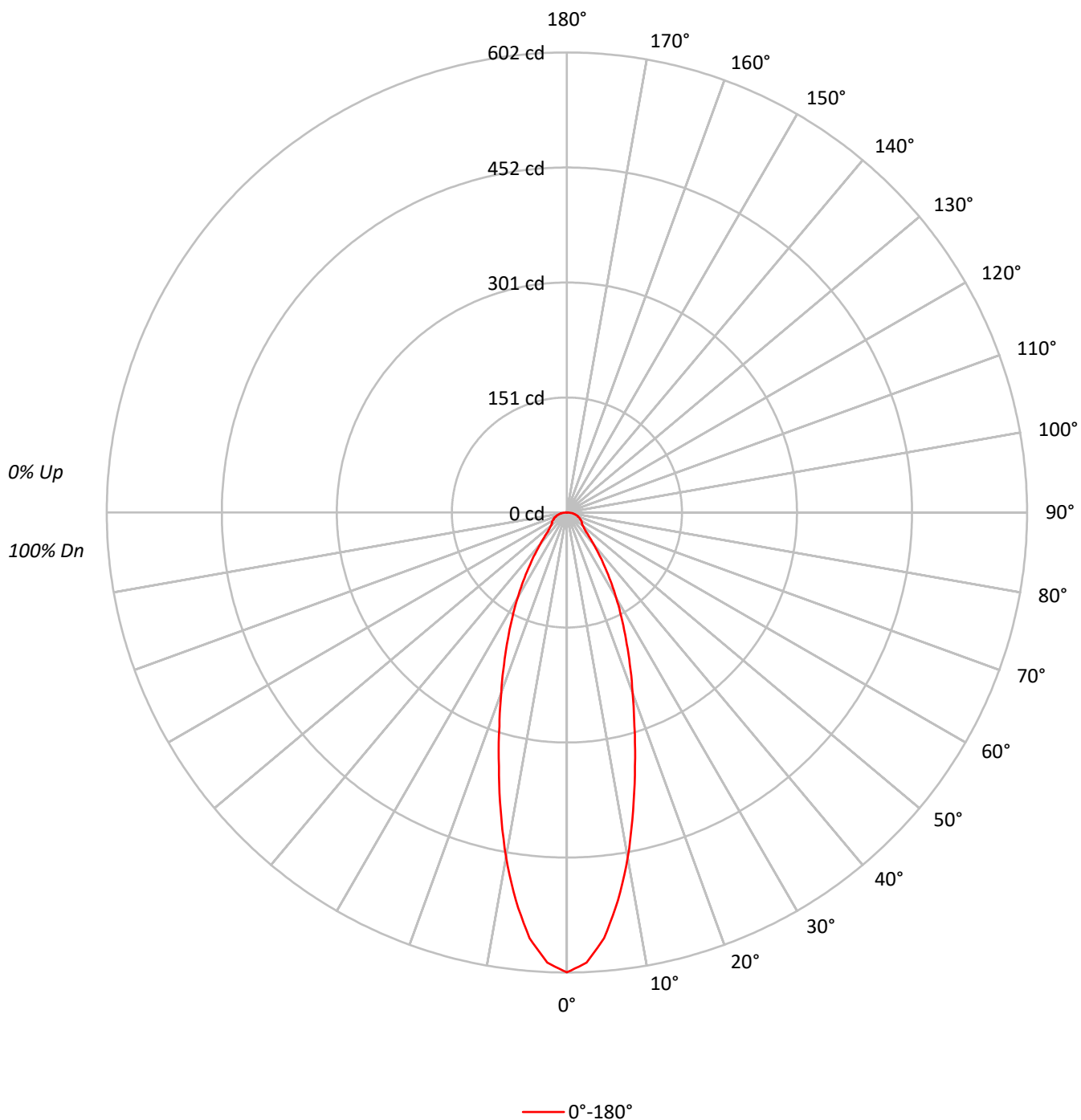
Lumens per Lamp: N/A
Luminaire Lumens: 371.0 lumens
Efficiency: N/A
Efficacy: 25.6 lumens/watt
Spacing Criteria (0/90/45): 0.55 / 0.55 / 0.63
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.5
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	62	57		66	61	57		65
8	76	65	59	54	74	65	58	54	64	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		57	52	48		56

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	131941
5°	123068
10°	102113
15°	78094
20°	58595
25°	44132
30°	32613
35°	22807
40°	15629
45°	10823
50°	9313
55°	9175
60°	9561
65°	9651
70°	9809
75°	10167
80°	10986
85°	11070

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 12768 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	50.1	13.5
10°-20°	95.6	25.8
20°-30°	84.1	22.7
30°-40°	54.3	14.6
40°-50°	28.8	7.8
50°-60°	21.6	5.8
60°-70°	18.4	5.0
70°-80°	13.0	3.5
80°-90°	5.0	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°	229.9	62.0
0°-40°	284.2	76.6
0°-60°	334.6	90.2
0°-90°	371.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	371.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	602	
5°	559	50
15°	344	96
25°	182	84
35°	85	54
45°	35	29
55°	24	22
65°	19	18
75°	12	13
85°	4	5
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	601.7
2.5°	589.6
5°	559.1
7.5°	512.1
10°	458.6
12.5°	399.6
15°	344.0
17.5°	293.7
20°	251.1
22.5°	215.1
25°	182.4
27.5°	154.0
30°	128.8
32.5°	105.9
35°	85.2
37.5°	68.8
40°	54.6
42.5°	43.7
45°	34.9
47.5°	30.6
50°	27.3
52.5°	25.1
55°	24.0
57.5°	22.9
60°	21.8
62.5°	19.7
65°	18.6
67.5°	17.5
70°	15.3
72.5°	14.2
75°	12.0
77.5°	10.9
80°	8.7
82.5°	7.6
85°	4.4
87.5°	2.2
90°	0.0

(END OF REPORT)