

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: P1275073

Luminaire Tested: P3AS02R309835DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1275073
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-8)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R309835DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 3500K CCT AND, 98CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

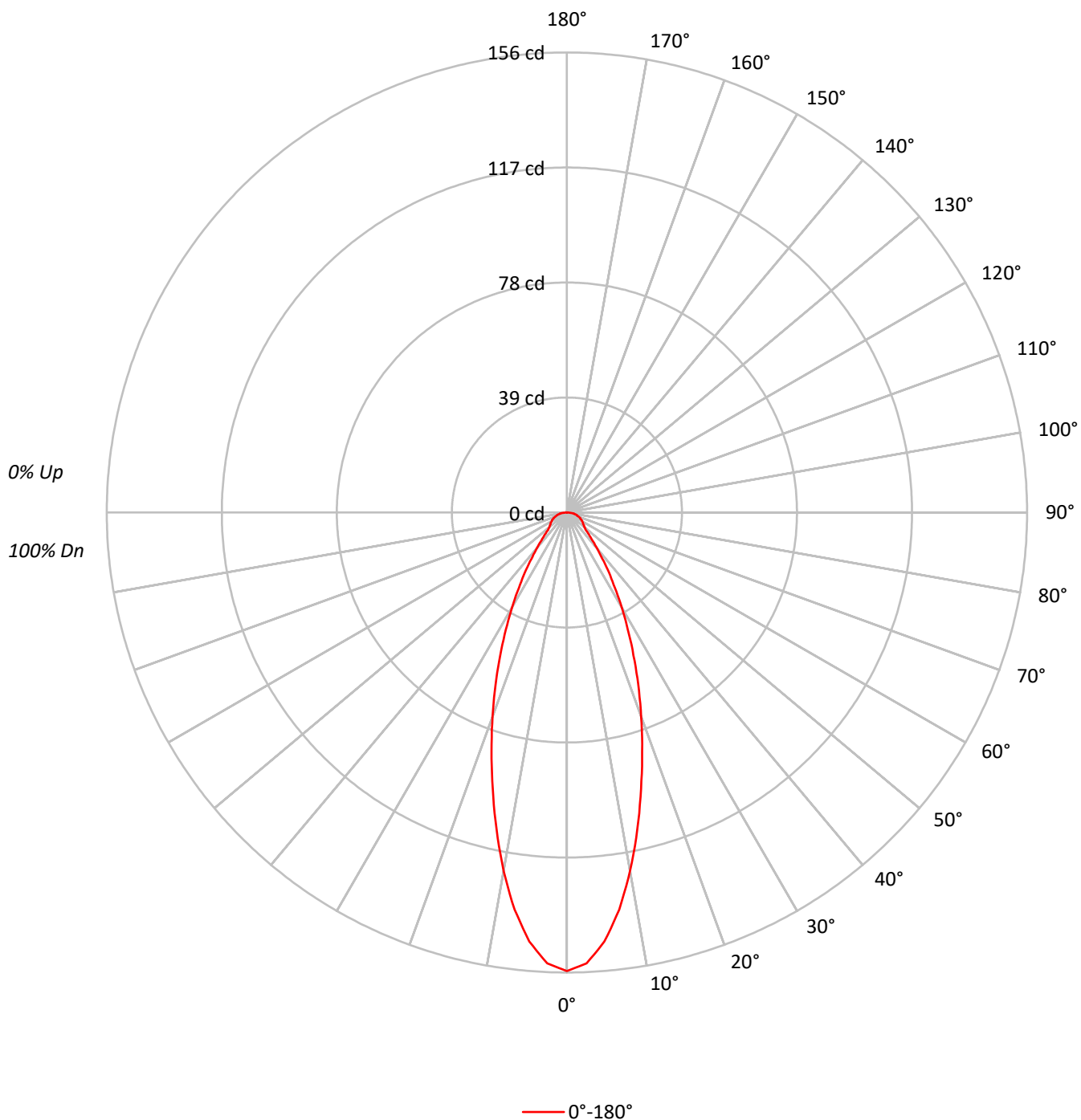
Lumens per Lamp: N/A
Luminaire Lumens: 105.0 lumens
Efficiency: N/A
Efficacy: 29.2 lumens/watt
Spacing Criteria (0/90/45): 0.6 / 0.6 / 0.67
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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	94		95
2	105	99	94	90	103	97	93	89	94	90	87		91	88	85		88
3	99	91	85	80	96	89	84	80	87	82	78		84	80	77		82
4	93	84	78	73	91	83	77	72	81	76	71		79	74	71		77
5	88	78	72	67	86	77	71	66	75	70	66		74	69	65		72
6	83	73	67	62	82	72	66	62	71	65	61		69	64	61		68
7	79	69	62	57	78	68	62	57	67	61	57		66	60	57		64
8	75	65	58	54	74	64	58	54	63	57	53		62	57	53		61
9	72	61	55	51	71	61	55	51	60	54	50		59	54	50		58
10	68	58	52	48	67	58	52	48	57	51	48		56	51	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	34098
5°	32137
10°	27477
15°	22021
20°	17175
25°	12920
30°	9419
35°	6639
40°	4551
45°	3256
50°	2661
55°	2561
60°	2588
65°	2646
70°	2757
75°	2965
80°	3031
85°	3271

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 3696 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	13.2	12.6
10°-20°	27.0	25.7
20°-30°	24.6	23.4
30°-40°	15.6	14.9
40°-50°	8.4	8.0
50°-60°	6.1	5.8
60°-70°	5.2	4.9
70°-80°	3.6	3.4
80°-90°	1.4	1.3
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°	64.7	61.6
0°-40°	80.4	76.5
0°-60°	94.9	90.3
0°-90°	105.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	105.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	156	
5°	146	13
15°	97	27
25°	53	25
35°	25	16
45°	10	8
55°	7	6
65°	5	5
75°	4	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	155.5
2.5°	153.0
5°	146.0
7.5°	135.8
10°	123.4
12.5°	110.2
15°	97.0
17.5°	84.9
20°	73.6
22.5°	63.1
25°	53.4
27.5°	44.7
30°	37.2
32.5°	30.2
35°	24.8
37.5°	19.7
40°	15.9
42.5°	12.7
45°	10.5
47.5°	8.6
50°	7.8
52.5°	7.3
55°	6.7
57.5°	6.5
60°	5.9
62.5°	5.7
65°	5.1
67.5°	4.9
70°	4.3
72.5°	3.8
75°	3.5
77.5°	3.0
80°	2.4
82.5°	2.2
85°	1.3
87.5°	0.5
90°	0.0

(END OF REPORT)