

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: P1262611

Luminaire Tested: P3AS13R159727DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1262611
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-5)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R159727DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R15 optic, 2700K CCT AND, 97CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

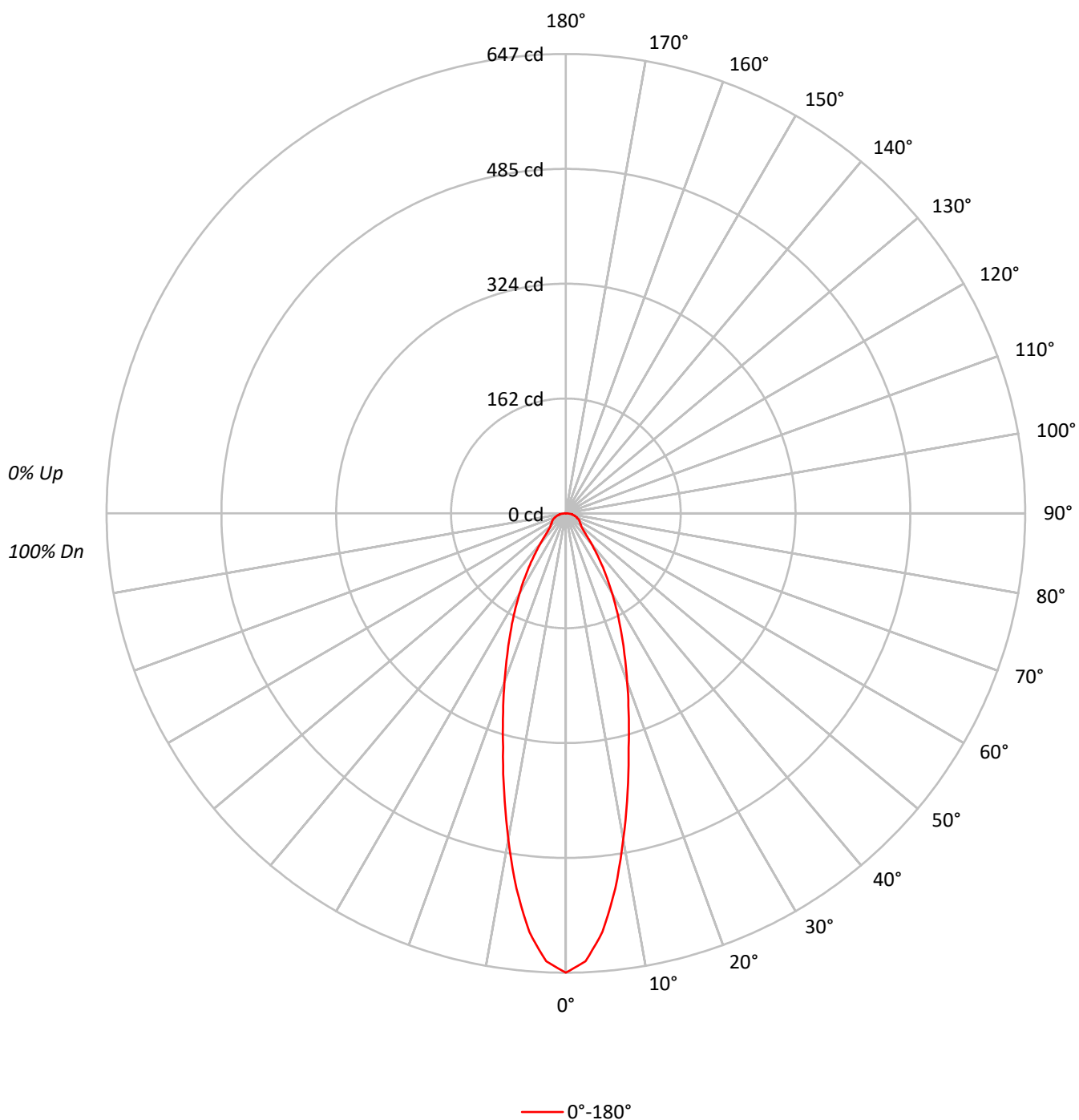
Lumens per Lamp: N/A
Luminaire Lumens: 379.0 lumens
Efficiency: N/A
Efficacy: 26.0 lumens/watt
Spacing Criteria (0/90/45): 0.51 / 0.51 / 0.6
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
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	100	102	99	97		98	96	94		95
2	105	99	94	90	102	97	92	89	94	90	87		91	87	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	67	76	70	66		74	69	65		72
6	83	73	67	62	82	73	66	62	71	65	61		70	65	61		68
7	79	69	62	58	78	68	62	58	67	61	57		66	61	57		65
8	75	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°	141853
5°	130244
10°	103783
15°	77549
20°	58898
25°	44591
30°	32992
35°	23584
40°	16145
45°	11288
50°	9620
55°	9443
60°	9780
65°	10377
70°	10515
75°	10929
80°	11870
85°	11825

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 13776 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	52.4	13.8
10°-20°	95.8	25.3
20°-30°	84.9	22.4
30°-40°	55.6	14.7
40°-50°	29.7	7.8
50°-60°	22.5	5.9
60°-70°	19.3	5.1
70°-80°	13.3	3.5
80°-90°	5.4	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°	233.1	61.5
0°-40°	288.7	76.2
0°-60°	340.9	90.0
0°-90°	379.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	379.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	647	
5°	592	52
15°	342	96
25°	184	85
35°	88	56
45°	36	30
55°	25	22
65°	20	19
75°	13	13
85°	5	5
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	646.9
2.5°	631.6
5°	591.7
7.5°	533.0
10°	466.1
12.5°	401.5
15°	341.6
17.5°	293.5
20°	252.4
22.5°	216.0
25°	184.3
27.5°	156.1
30°	130.3
32.5°	108.0
35°	88.1
37.5°	70.4
40°	56.4
42.5°	44.6
45°	36.4
47.5°	31.7
50°	28.2
52.5°	27.0
55°	24.7
57.5°	23.5
60°	22.3
62.5°	21.1
65°	20.0
67.5°	17.6
70°	16.4
72.5°	14.1
75°	12.9
77.5°	10.6
80°	9.4
82.5°	8.2
85°	4.7
87.5°	2.3
90°	0.0

(END OF REPORT)