

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: P1249183

Luminaire Tested: P3AS13R159027DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1249183
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: P3AS13R159027DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R15 optic, 2700K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

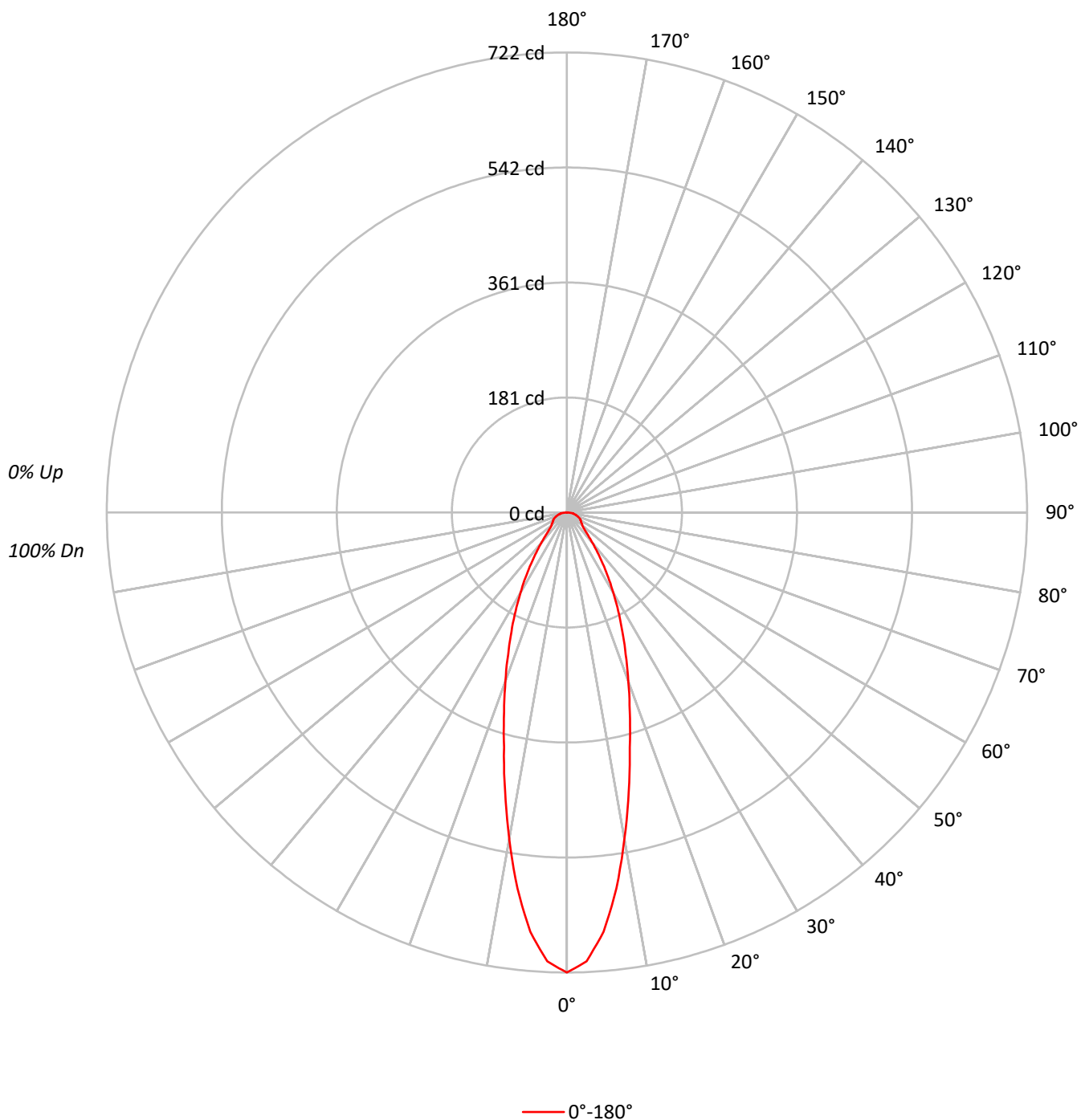
Lumens per Lamp: N/A
Luminaire Lumens: 423.0 lumens
Efficiency: N/A
Efficacy: 29.0 lumens/watt
Spacing Criteria (0/90/45): 0.51 / 0.51 / 0.6
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	158321
5°	145366
10°	115830
15°	86561
20°	65736
25°	49769
30°	36816
35°	26314
40°	18005
45°	12590
50°	10712
55°	10513
60°	10920
65°	11571
70°	11733
75°	12200
80°	13259
85°	13083

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 15456 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	58.5	13.8
10°-20°	106.9	25.3
20°-30°	94.8	22.4
30°-40°	62.1	14.7
40°-50°	33.2	7.8
50°-60°	25.0	5.9
60°-70°	21.6	5.1
70°-80°	14.9	3.5
80°-90°	6.1	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°	260.2	61.5
0°-40°	322.3	76.2
0°-60°	380.5	90.0
0°-90°	423.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	423.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	722	
5°	660	58
15°	381	107
25°	206	95
35°	98	62
45°	41	33
55°	28	25
65°	22	22
75°	14	15
85°	5	6
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	722.0
2.5°	705.0
5°	660.4
7.5°	594.9
10°	520.2
12.5°	448.1
15°	381.3
17.5°	327.6
20°	281.7
22.5°	241.1
25°	205.7
27.5°	174.3
30°	145.4
32.5°	120.6
35°	98.3
37.5°	78.6
40°	62.9
42.5°	49.8
45°	40.6
47.5°	35.4
50°	31.4
52.5°	30.1
55°	27.5
57.5°	26.2
60°	24.9
62.5°	23.6
65°	22.3
67.5°	19.7
70°	18.3
72.5°	15.7
75°	14.4
77.5°	11.8
80°	10.5
82.5°	9.2
85°	5.2
87.5°	2.6
90°	0.0

(END OF REPORT)