

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: P1254597

Luminaire Tested: P3AS13R159035DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1254597
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: P3AS13R159035DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R15 optic, 3500K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

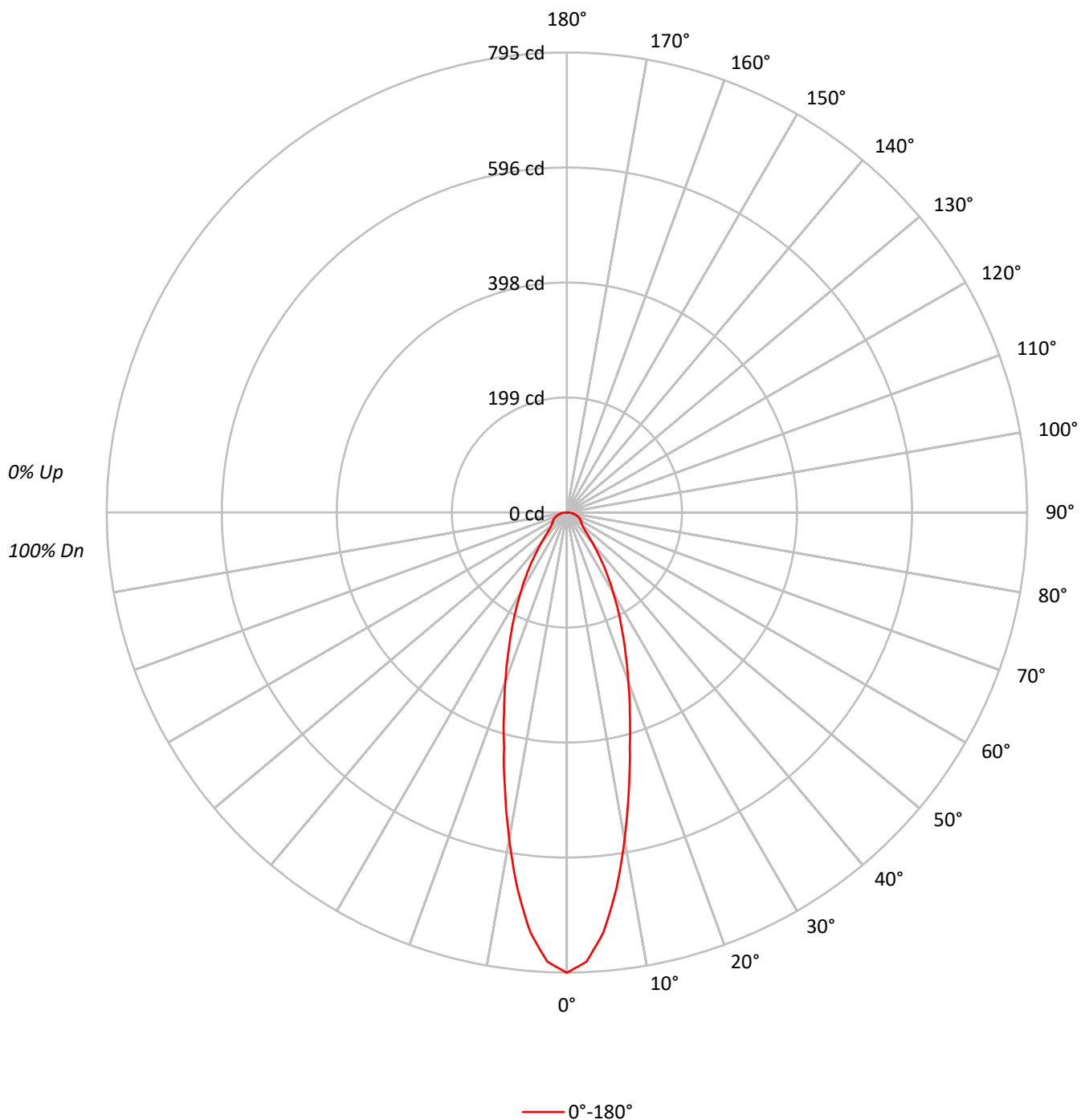
Lumens per Lamp: N/A
Luminaire Lumens: 466.0 lumens
Efficiency: N/A
Efficacy: 31.9 lumens/watt
Spacing Criteria (0/90/45): 0.51 / 0.51 / 0.6
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	174416
5°	160158
10°	127608
15°	95369
20°	72433
25°	54826
30°	40563
35°	28991
40°	19837
45°	13893
50°	11803
55°	11584
60°	12017
65°	12712
70°	12951
75°	13471
80°	14522
85°	14593

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 16968 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	64.4	13.8
10°-20°	117.8	25.3
20°-30°	104.4	22.4
30°-40°	68.4	14.7
40°-50°	36.6	7.8
50°-60°	27.6	5.9
60°-70°	23.8	5.1
70°-80°	16.4	3.5
80°-90°	6.7	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°	286.6	61.5
0°-40°	355.0	76.2
0°-60°	419.2	90.0
0°-90°	466.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	466.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	795	
5°	728	64
15°	420	118
25°	227	104
35°	108	68
45°	45	37
55°	30	28
65°	24	24
75°	16	16
85°	6	7
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	795.4
2.5°	776.6
5°	727.6
7.5°	655.4
10°	573.1
12.5°	493.7
15°	420.1
17.5°	360.9
20°	310.4
22.5°	265.6
25°	226.6
27.5°	192.0
30°	160.2
32.5°	132.8
35°	108.3
37.5°	86.6
40°	69.3
42.5°	54.9
45°	44.8
47.5°	39.0
50°	34.6
52.5°	33.2
55°	30.3
57.5°	28.9
60°	27.4
62.5°	26.0
65°	24.5
67.5°	21.7
70°	20.2
72.5°	17.3
75°	15.9
77.5°	13.0
80°	11.5
82.5°	10.1
85°	5.8
87.5°	2.9
90°	0.0

(END OF REPORT)