

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: P1262669

Luminaire Tested: P3AS13R259727DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1262669
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-7)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R259727DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 2700K CCT AND, 97CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

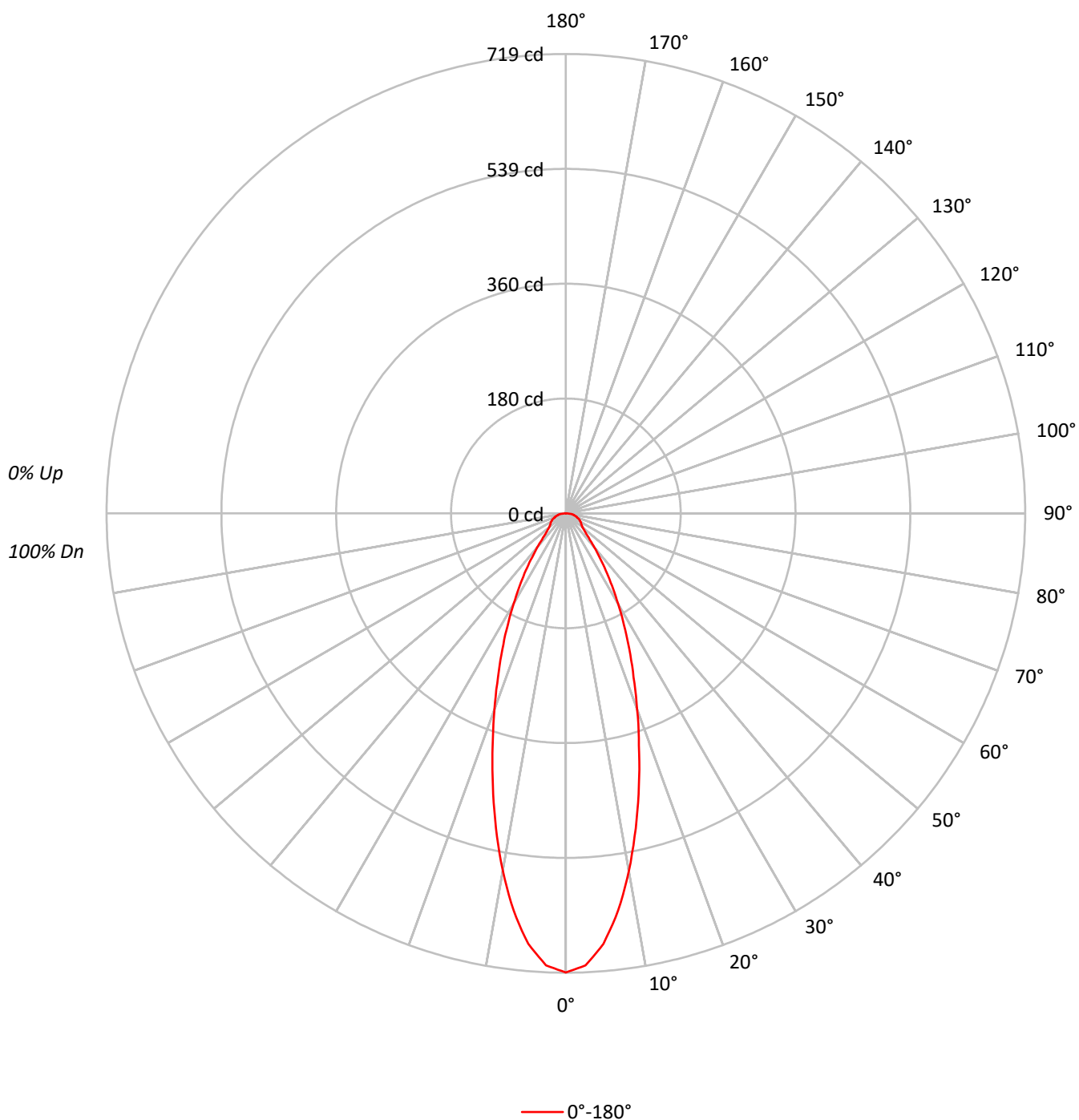
Lumens per Lamp: N/A
Luminaire Lumens: 469.0 lumens
Efficiency: N/A
Efficacy: 32.1 lumens/watt
Spacing Criteria (0/90/45): 0.59 / 0.59 / 0.65
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	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	61	57		66	61	57		65
8	76	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°	157575
5°	148888
10°	126540
15°	100228
20°	76167
25°	56834
30°	41323
35°	29232
40°	19837
45°	13831
50°	11633
55°	11240
60°	11841
65°	12193
70°	12053
75°	12963
80°	14775
85°	14844

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 15792 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	61.1	13.0
10°-20°	122.2	26.1
20°-30°	108.2	23.1
30°-40°	68.9	14.7
40°-50°	36.5	7.8
50°-60°	26.8	5.7
60°-70°	22.8	4.9
70°-80°	16.1	3.4
80°-90°	6.4	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°	291.5	62.1
0°-40°	360.4	76.8
0°-60°	423.7	90.3
0°-90°	469.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	469.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	719	
5°	676	61
15°	442	122
25°	235	108
35°	109	69
45°	45	36
55°	29	27
65°	24	23
75°	15	16
85°	6	6
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	718.6
2.5°	708.1
5°	676.4
7.5°	627.1
10°	568.3
12.5°	504.9
15°	441.5
17.5°	380.5
20°	326.4
22.5°	277.1
25°	234.9
27.5°	197.3
30°	163.2
32.5°	133.9
35°	109.2
37.5°	86.9
40°	69.3
42.5°	55.2
45°	44.6
47.5°	38.8
50°	34.1
52.5°	31.7
55°	29.4
57.5°	28.2
60°	27.0
62.5°	24.7
65°	23.5
67.5°	21.1
70°	18.8
72.5°	17.6
75°	15.3
77.5°	12.9
80°	11.7
82.5°	9.4
85°	5.9
87.5°	2.3
90°	0.0

(END OF REPORT)