

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: P1254534

Luminaire Tested: P3AS10R129035DE010 E3PHLP1MW

Issue Date: 1/29/2026

**Test Information**

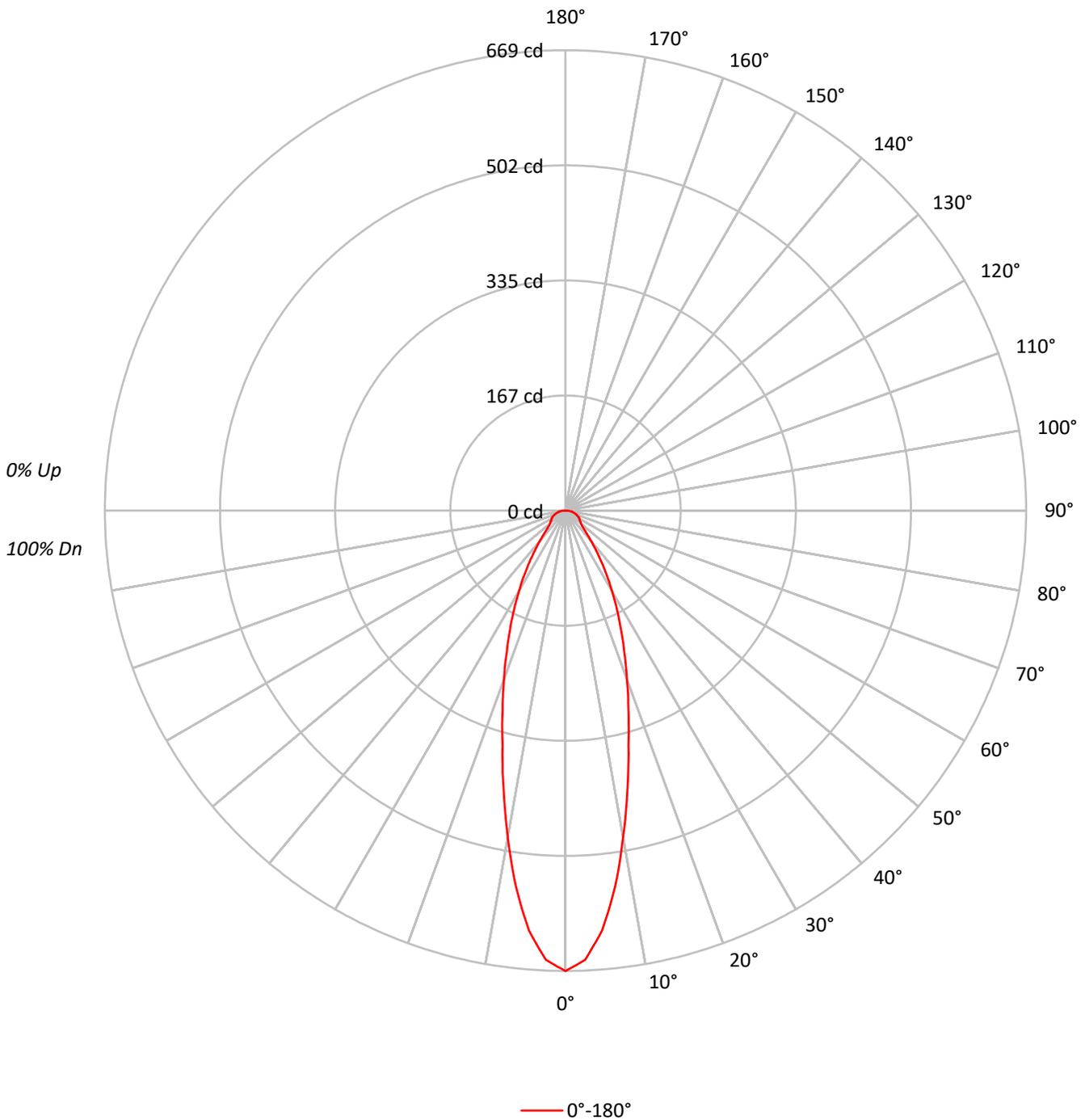
Test Method: LM-79-2019  
Report Number: P1254534  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-5)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS10R129035DE010 E3PHLP1MW  
Description: 3in Adjustable LED luminaire with, R12 optic, 3500K CCT AND, 90CRI , E3PHLP1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 392.0 lumens  
Efficiency: N/A  
Efficacy: 33.5 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): 11.7  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): 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				20	
RC	80				70				50				30				10				0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0	
RCR																						
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100				100
1	112	108	105	102	109	106	103	100	102	99	97	98	96	94	95	93	92	90				90
2	105	99	94	90	102	97	92	89	94	90	87	91	87	85	88	85	83	81				81
3	99	91	85	80	96	89	84	80	87	82	78	84	80	77	82	79	76	74				74
4	93	84	78	73	91	83	77	72	81	76	71	79	74	71	77	73	70	68				68
5	88	78	72	67	86	77	71	67	76	70	66	74	69	65	72	68	65	63				63
6	83	73	67	62	82	73	66	62	71	65	61	70	65	61	68	64	60	59				59
7	79	69	62	58	78	68	62	58	67	61	57	66	61	57	65	60	57	55				55
8	75	65	59	54	74	65	58	54	63	58	54	62	57	54	61	57	53	52				52
9	72	62	55	51	71	61	55	51	60	55	51	59	54	51	58	54	50	49				49
10	69	59	52	48	68	58	52	48	57	52	48	56	51	48	56	51	48	46				46

**AVERAGE LUMINANCE (cd/sqm):**

	0°
0°	146721
5°	134712
10°	107346
15°	80227
20°	60929
25°	46116
30°	34132
35°	24387
40°	16688
45°	11660
50°	9927
55°	9749
60°	10131
65°	10689
70°	10899
75°	11353
80°	12249
85°	12328

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 82.5°  
 Luminance: 14280 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	54.2	13.8
10°-20°	99.1	25.3
20°-30°	87.8	22.4
30°-40°	57.5	14.7
40°-50°	30.7	7.8
50°-60°	23.2	5.9
60°-70°	20.0	5.1
70°-80°	13.8	3.5
80°-90°	5.6	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°	241.1	61.5
0°-40°	298.6	76.2
0°-60°	352.6	89.9
0°-90°	392.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	392.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	669	
5°	612	54
15°	353	99
25°	191	88
35°	91	58
45°	38	31
55°	26	23
65°	21	20
75°	13	14
85°	5	6
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	669.1
2.5°	653.3
5°	612.0
7.5°	551.3
10°	482.1
12.5°	415.3
15°	353.4
17.5°	303.6
20°	261.1
22.5°	223.4
25°	190.6
27.5°	161.5
30°	134.8
32.5°	111.7
35°	91.1
37.5°	72.9
40°	58.3
42.5°	46.1
45°	37.6
47.5°	32.8
50°	29.1
52.5°	27.9
55°	25.5
57.5°	24.3
60°	23.1
62.5°	21.9
65°	20.6
67.5°	18.2
70°	17.0
72.5°	14.6
75°	13.4
77.5°	10.9
80°	9.7
82.5°	8.5
85°	4.9
87.5°	2.4
90°	0.0

(END OF REPORT)