

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: P1254564

Luminaire Tested: P3AS13R129035DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1254564
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R129035DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R12 optic, 3500K CCT AND, 90CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

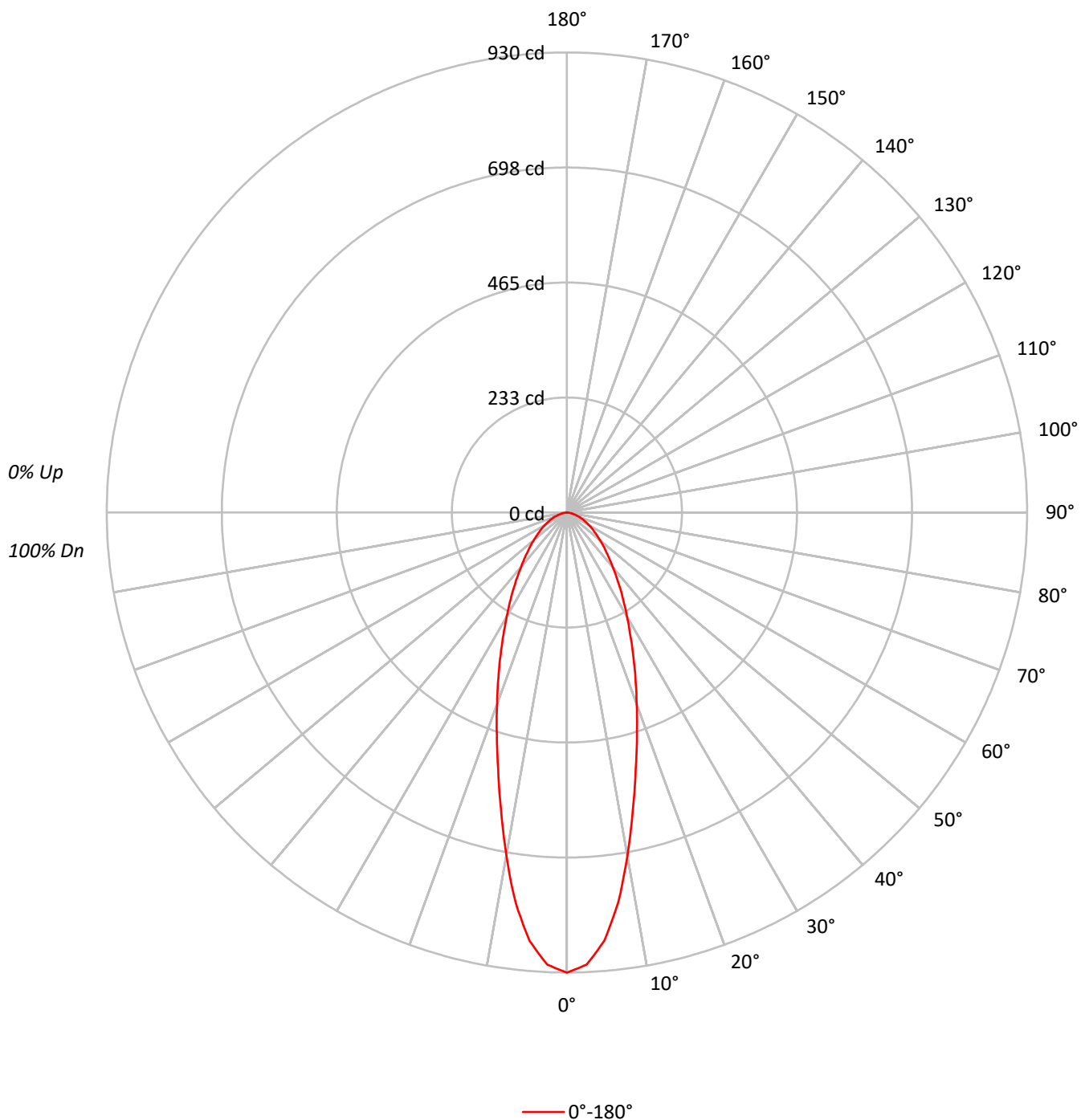
Lumens per Lamp: N/A
Luminaire Lumens: 701.0 lumens
Efficiency: N/A
Efficacy: 45.2 lumens/watt
Spacing Criteria (0/90/45): 0.56 / 0.56 / 0.67
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 15.5
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	104	98	93	89	102	97	92	88	93	89	86		90	87	84		87
3	98	90	84	79	96	88	83	78	85	81	77		83	79	75		81
4	92	82	76	70	90	81	75	70	79	73	69		77	72	68		75
5	86	76	69	64	84	75	68	63	73	67	63		71	66	62		70
6	81	71	63	58	79	70	63	58	68	62	58		67	61	57		65
7	77	66	59	54	75	65	58	54	64	58	53		62	57	53		61
8	72	61	55	50	71	61	54	50	60	54	49		59	53	49		58
9	69	58	51	47	68	57	51	46	56	50	46		55	50	46		54
10	65	54	48	44	64	54	48	44	53	47	43		52	47	43		52

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	203997
5°	191239
10°	156800
15°	121817
20°	96165
25°	76650
30°	61528
35°	50219
40°	41363
45°	34794
50°	29884
55°	25882
60°	22937
65°	19924
70°	17759
75°	14318
80°	11618
85°	7799

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 34794 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	77.6	11.1
10°-20°	150.3	21.4
20°-30°	146.1	20.8
30°-40°	118.1	16.8
40°-50°	87.6	12.5
50°-60°	61.3	8.7
60°-70°	38.4	5.5
70°-80°	18.2	2.6
80°-90°	3.3	0.5
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°	374.0	53.4
0°-40°	492.1	70.2
0°-60°	641.0	91.4
0°-90°	701.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	701.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	930	
5°	869	78
15°	537	150
25°	317	146
35°	188	118
45°	112	88
55°	68	61
65°	38	38
75°	17	18
85°	3	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	930.3
2.5°	914.9
5°	868.8
7.5°	795.0
10°	704.2
12.5°	615.1
15°	536.6
17.5°	470.5
20°	412.1
22.5°	361.4
25°	316.8
27.5°	276.8
30°	243.0
32.5°	213.7
35°	187.6
37.5°	164.5
40°	144.5
42.5°	127.6
45°	112.2
47.5°	99.9
50°	87.6
52.5°	76.9
55°	67.7
57.5°	60.0
60°	52.3
62.5°	44.6
65°	38.4
67.5°	32.3
70°	27.7
72.5°	21.5
75°	16.9
77.5°	12.3
80°	9.2
82.5°	4.6
85°	3.1
87.5°	0.0
90°	0.0

(END OF REPORT)