

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: P1267458

Luminaire Tested: P3A13R309735DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1267458
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-12)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R309735DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 3500K CCT AND, 97CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

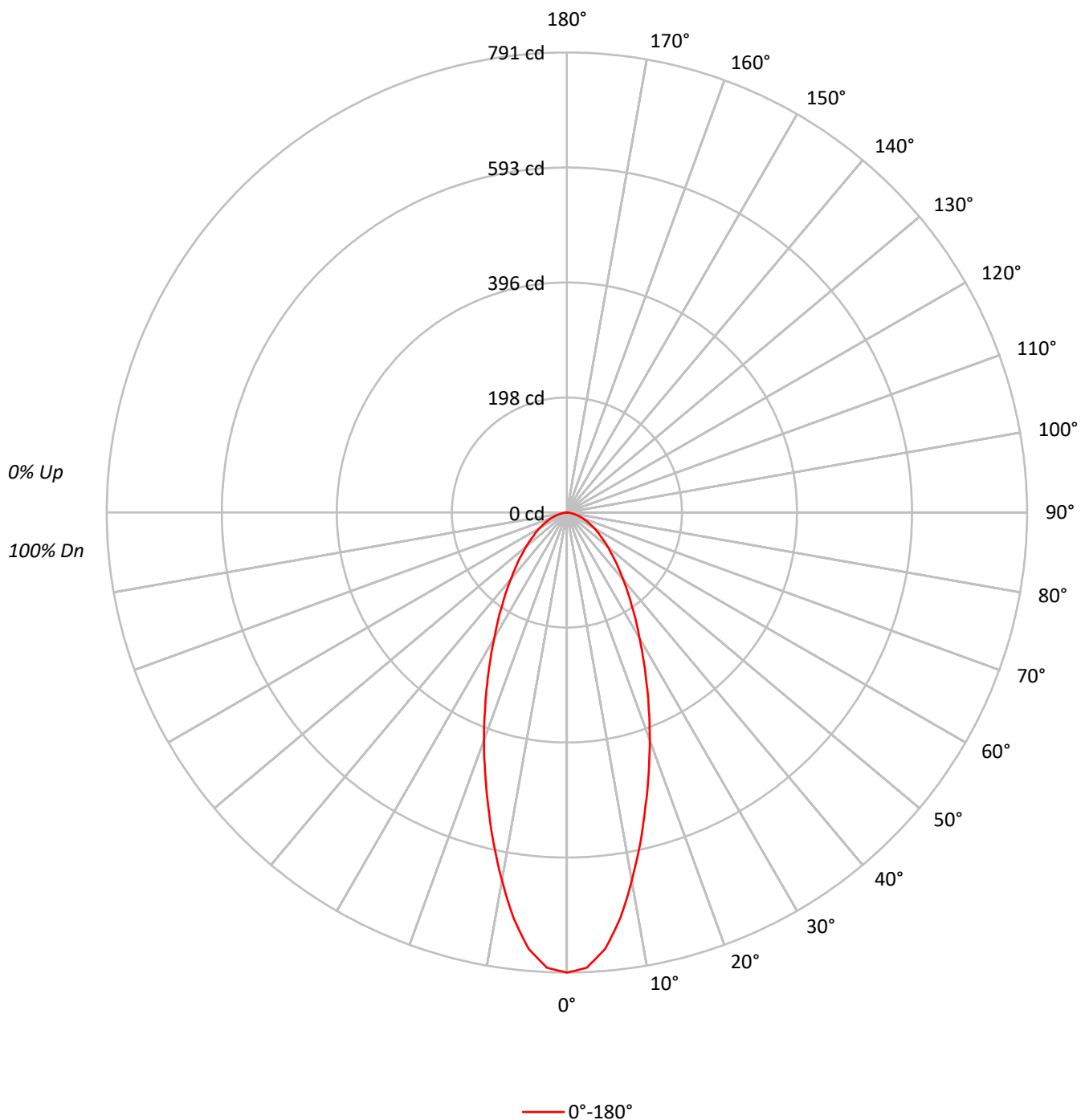
Lumens per Lamp: N/A
Luminaire Lumens: 704.0 lumens
Efficiency: N/A
Efficacy: 48.2 lumens/watt
Spacing Criteria (0/90/45): 0.65 / 0.65 / 0.74
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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		94
2	104	98	93	88	102	96	91	87	93	89	85		90	86	83		87
3	97	89	83	78	95	88	82	77	85	80	76		82	78	75		80
4	91	82	75	69	89	80	74	69	78	72	68		76	71	67		74
5	85	75	68	63	84	74	67	62	72	66	62		70	65	61		69
6	80	69	62	57	79	69	62	57	67	61	56		65	60	56		64
7	76	65	57	52	74	64	57	52	62	56	52		61	56	52		60
8	71	60	53	48	70	60	53	48	58	52	48		57	52	48		56
9	68	57	50	45	66	56	49	45	55	49	45		54	49	45		53
10	64	53	47	42	63	53	46	42	52	46	42		51	46	42		50

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	173473
5°	165815
10°	143017
15°	118548
20°	97168
25°	78343
30°	63124
35°	51718
40°	42966
45°	36438
50°	31180
55°	26952
60°	24033
65°	21014
70°	18401
75°	15504
80°	11491
85°	6542

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 36438 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	68.3	9.7
10°-20°	145.6	20.7
20°-30°	149.2	21.2
30°-40°	122.0	17.3
40°-50°	91.3	13.0
50°-60°	64.1	9.1
60°-70°	40.3	5.7
70°-80°	19.4	2.8
80°-90°	3.7	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°	363.2	51.6
0°-40°	485.1	68.9
0°-60°	640.5	91.0
0°-90°	704.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	704.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	791	
5°	753	68
15°	522	146
25°	324	149
35°	193	122
45°	118	91
55°	70	64
65°	40	40
75°	18	19
85°	3	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	791.1
2.5°	783.3
5°	753.3
7.5°	703.6
10°	642.3
12.5°	582.2
15°	522.2
17.5°	467.4
20°	416.4
22.5°	368.1
25°	323.8
27.5°	284.6
30°	249.3
32.5°	220.6
35°	193.2
37.5°	171.0
40°	150.1
42.5°	133.2
45°	117.5
47.5°	103.1
50°	91.4
52.5°	80.9
55°	70.5
57.5°	62.7
60°	54.8
62.5°	47.0
65°	40.5
67.5°	33.9
70°	28.7
72.5°	23.5
75°	18.3
77.5°	13.1
80°	9.1
82.5°	5.2
85°	2.6
87.5°	1.3
90°	0.0

(END OF REPORT)