

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: P1265047

Luminaire Tested: P3A13R259730DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1265047
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-11)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R259730DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 97CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

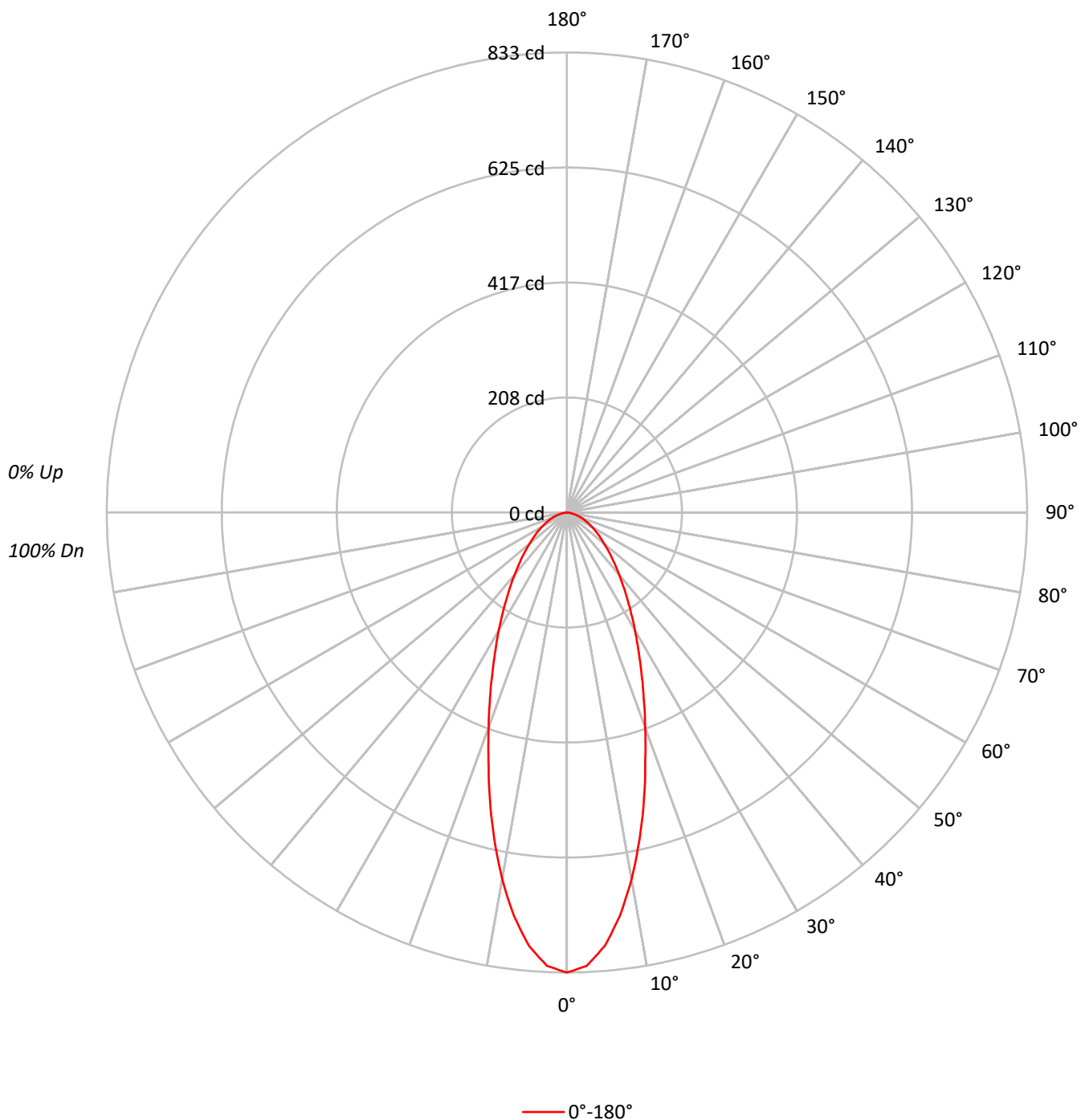
Lumens per Lamp: N/A
Luminaire Lumens: 700.0 lumens
Efficiency: N/A
Efficacy: 47.9 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.71
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	104	98	93	89	102	96	92	88	93	89	86		90	87	84		87
3	97	89	83	78	95	88	82	77	85	80	76		83	78	75		80
4	91	82	75	70	89	81	74	69	78	73	69		76	72	68		74
5	86	76	68	63	84	75	68	63	73	67	62		71	66	62		69
6	81	70	63	58	79	69	62	57	68	62	57		66	61	57		65
7	76	65	58	53	75	64	58	53	63	57	53		62	56	52		61
8	72	61	54	49	71	60	54	49	59	53	49		58	53	49		57
9	68	57	50	46	67	57	50	46	56	50	46		55	49	45		54
10	65	54	47	43	64	53	47	43	52	47	43		52	46	43		51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	182639
5°	173365
10°	150164
15°	122248
20°	96585
25°	77013
30°	62440
35°	50862
40°	42136
45°	35508
50°	30054
55°	26455
60°	23156
65°	20236
70°	17759
75°	14911
80°	11113
85°	6290

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 35508 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	71.5	10.2
10°-20°	149.3	21.3
20°-30°	147.2	21.0
30°-40°	119.8	17.1
40°-50°	88.9	12.7
50°-60°	62.1	8.9
60°-70°	38.9	5.6
70°-80°	18.7	2.7
80°-90°	3.6	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°	368.0	52.6
0°-40°	487.8	69.7
0°-60°	638.8	91.3
0°-90°	700.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	700.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	833	
5°	788	72
15°	538	149
25°	318	147
35°	190	120
45°	114	89
55°	69	62
65°	39	39
75°	18	19
85°	2	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	832.9
2.5°	821.6
5°	787.6
7.5°	736.0
10°	674.4
12.5°	606.5
15°	538.5
17.5°	471.8
20°	413.9
22.5°	363.6
25°	318.3
27.5°	279.3
30°	246.6
32.5°	216.4
35°	190.0
37.5°	167.3
40°	147.2
42.5°	129.6
45°	114.5
47.5°	100.7
50°	88.1
52.5°	78.0
55°	69.2
57.5°	60.4
60°	52.8
62.5°	45.3
65°	39.0
67.5°	32.7
70°	27.7
72.5°	22.6
75°	17.6
77.5°	12.6
80°	8.8
82.5°	5.0
85°	2.5
87.5°	1.3
90°	0.0

(END OF REPORT)