

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: P1267426

Luminaire Tested: P3A13R259735DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1267426
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: P3A13R259735DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 97CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

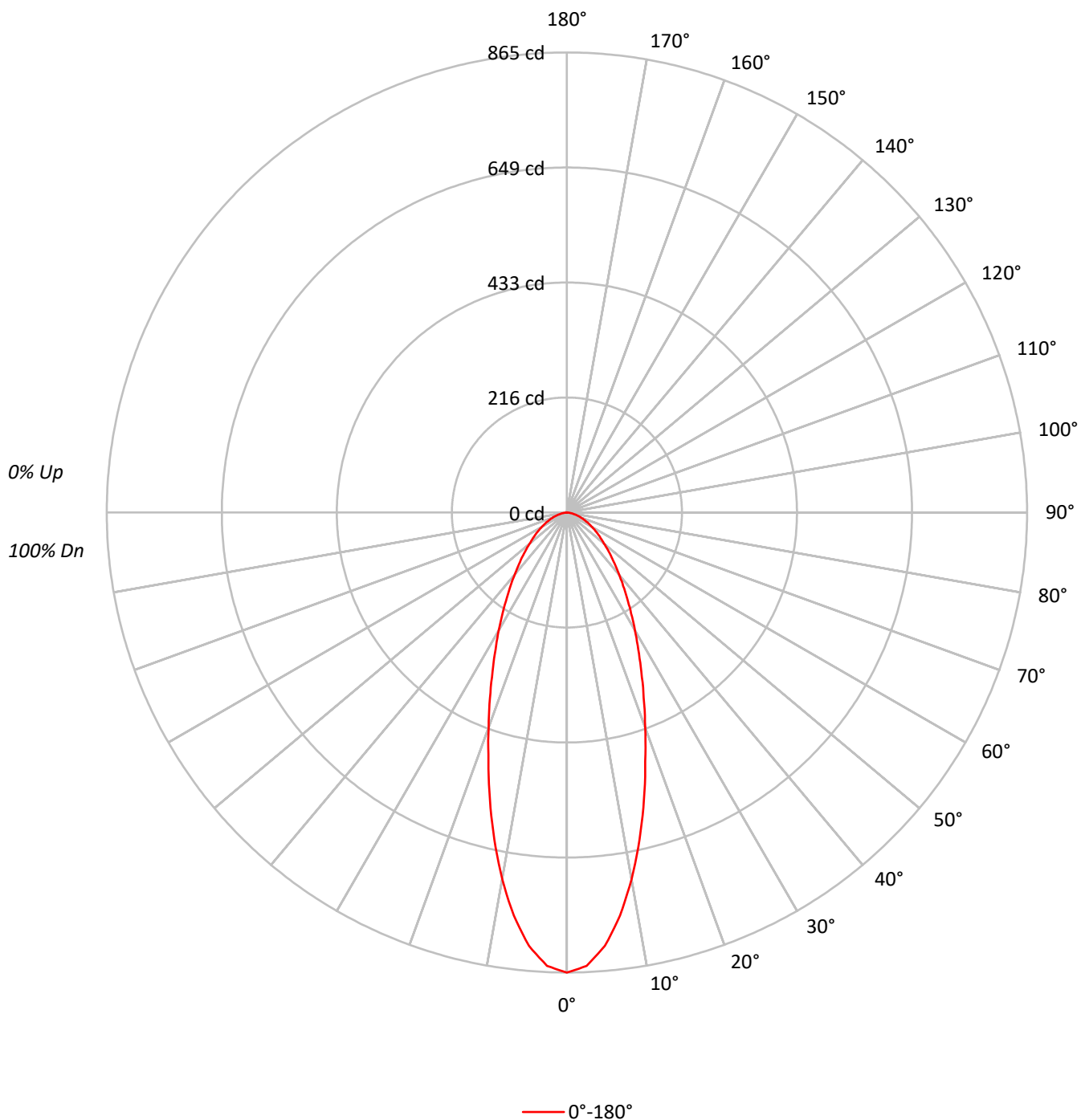
Lumens per Lamp: N/A
Luminaire Lumens: 727.0 lumens
Efficiency: N/A
Efficacy: 49.8 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.71
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	189700
5°	180057
10°	155953
15°	126970
20°	100319
25°	79988
30°	64845
35°	52816
40°	43768
45°	36872
50°	31214
55°	27488
60°	24077
65°	21014
70°	18401
75°	15504
80°	11491
85°	6542

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 36872 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	74.3	10.2
10°-20°	155.1	21.3
20°-30°	152.8	21.0
30°-40°	124.4	17.1
40°-50°	92.3	12.7
50°-60°	64.5	8.9
60°-70°	40.4	5.6
70°-80°	19.4	2.7
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°	382.2	52.6
0°-40°	506.7	69.7
0°-60°	663.4	91.3
0°-90°	727.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	727.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	865	
5°	818	74
15°	559	155
25°	331	153
35°	197	124
45°	119	92
55°	72	64
65°	40	40
75°	18	19
85°	3	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	865.1
2.5°	853.3
5°	818.0
7.5°	764.4
10°	700.4
12.5°	629.8
15°	559.3
17.5°	490.0
20°	429.9
22.5°	377.6
25°	330.6
27.5°	290.1
30°	256.1
32.5°	224.8
35°	197.3
37.5°	173.8
40°	152.9
42.5°	134.6
45°	118.9
47.5°	104.5
50°	91.5
52.5°	81.0
55°	71.9
57.5°	62.7
60°	54.9
62.5°	47.0
65°	40.5
67.5°	34.0
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)