

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: P1261345

Luminaire Tested: P3AS02R109727DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1261345
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: P3AS02R109727DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R10 optic, 2700K CCT AND, 97CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

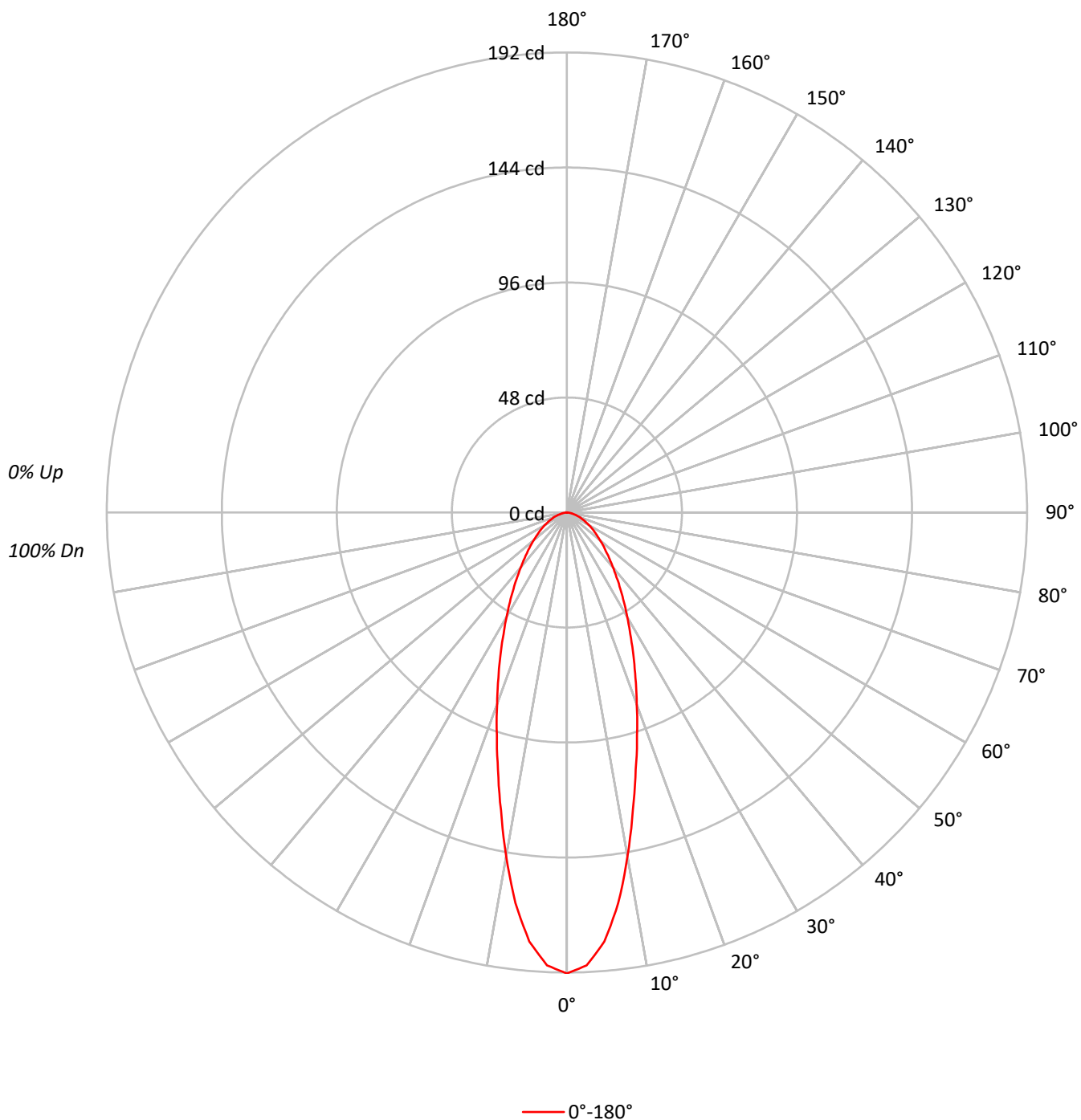
Lumens per Lamp: N/A
Luminaire Lumens: 145.0 lumens
Efficiency: N/A
Efficacy: 38.2 lumens/watt
Spacing Criteria (0/90/45): 0.56 / 0.56 / 0.66
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.8
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

TEST NUMBER: P1261345

CATALOG NUMBER: P3AS02R109727DE010 E3PHLD1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1261345

CATALOG NUMBER: P3AS02R109727DE010 E3PHLD1MW

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°	42190
5°	39555
10°	32442
15°	25199
20°	19882
25°	15848
30°	12736
35°	10386
40°	8559
45°	7195
50°	6175
55°	5352
60°	4736
65°	4151
70°	3654
75°	2965
80°	2399
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 7195 cd/sqm

TEST NUMBER: P1261345

CATALOG NUMBER: P3AS02R109727DE010 E3PHLD1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	16.0	11.1
10°-20°	31.1	21.4
20°-30°	30.2	20.8
30°-40°	24.4	16.8
40°-50°	18.1	12.5
50°-60°	12.7	8.7
60°-70°	7.9	5.5
70°-80°	3.8	2.6
80°-90°	0.7	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°	77.4	53.4
0°-40°	101.8	70.2
0°-60°	132.6	91.4
0°-90°	145.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	145.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	192	
5°	180	16
15°	111	31
25°	66	30
35°	39	24
45°	23	18
55°	14	13
65°	8	8
75°	4	4
85°	1	1
90°	0	

TEST NUMBER: P1261345

CATALOG NUMBER: P3AS02R109727DE010 E3PHLD1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	192.4
2.5°	189.2
5°	179.7
7.5°	164.4
10°	145.7
12.5°	127.2
15°	111.0
17.5°	97.3
20°	85.2
22.5°	74.7
25°	65.5
27.5°	57.3
30°	50.3
32.5°	44.2
35°	38.8
37.5°	34.0
40°	29.9
42.5°	26.4
45°	23.2
47.5°	20.7
50°	18.1
52.5°	15.9
55°	14.0
57.5°	12.4
60°	10.8
62.5°	9.2
65°	8.0
67.5°	6.7
70°	5.7
72.5°	4.5
75°	3.5
77.5°	2.5
80°	1.9
82.5°	1.0
85°	0.6
87.5°	0.0
90°	0.0

(END OF REPORT)