

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: P1263815

Luminaire Tested: P3A02R209730DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1263815
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-10)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A02R209730DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 3000K CCT AND, 97CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

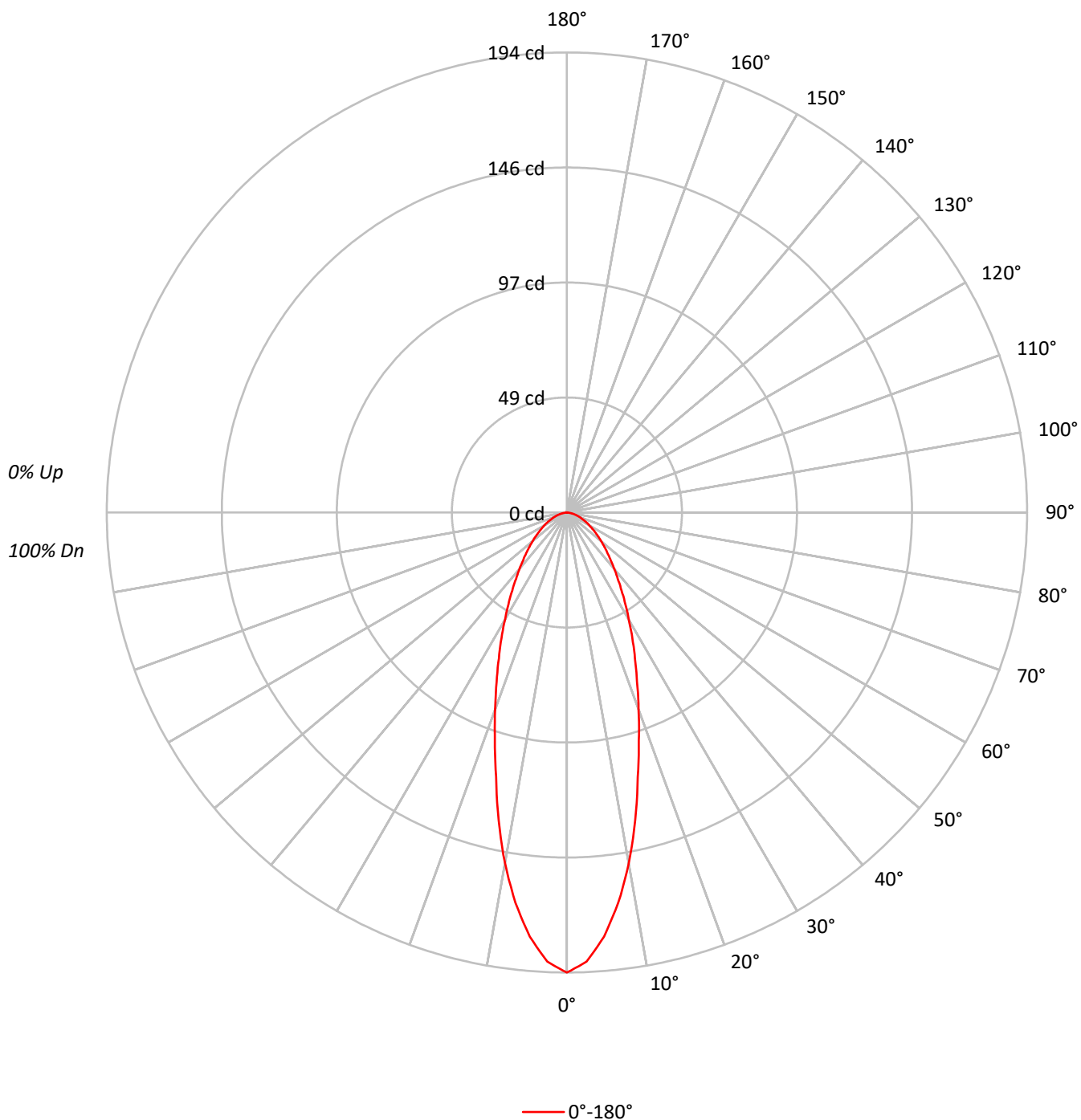
Lumens per Lamp: N/A
Luminaire Lumens: 150.0 lumens
Efficiency: N/A
Efficacy: 41.7 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.68
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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

TEST NUMBER: P1263815

CATALOG NUMBER: P3A02R209730DE010 E3PHLD1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1263815

CATALOG NUMBER: P3A02R209730DE010 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	96	92	88	93	89	86		90	87	84		87
3	98	90	83	78	95	88	82	78	85	81	77		83	79	75		80
4	92	82	75	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	70	63	58	79	70	63	58	68	62	58		66	61	57		65
7	76	66	59	54	75	65	58	53	63	58	53		62	57	53		61
8	72	61	54	50	71	61	54	50	60	54	49		58	53	49		57
9	69	58	51	46	67	57	51	46	56	50	46		55	50	46		54
10	65	54	48	43	64	54	48	43	53	47	43		52	47	43		51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	42540
5°	39511
10°	33466
15°	26198
20°	20628
25°	16428
30°	13217
35°	10761
40°	8902
45°	7505
50°	6448
55°	5543
60°	4824
65°	4255
70°	3654
75°	3219
80°	2399
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 7505 cd/sqm

TEST NUMBER: P1263815

CATALOG NUMBER: P3A02R209730DE010 E3PHLD1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	16.2	10.8
10°-20°	32.3	21.5
20°-30°	31.4	20.9
30°-40°	25.3	16.9
40°-50°	18.8	12.6
50°-60°	13.1	8.7
60°-70°	8.2	5.5
70°-80°	4.0	2.7
80°-90°	0.7	0.4
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°	79.9	53.2
0°-40°	105.2	70.1
0°-60°	137.2	91.4
0°-90°	150.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	150.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	194	
5°	180	16
15°	115	32
25°	68	31
35°	40	25
45°	24	19
55°	14	13
65°	8	8
75°	4	4
85°	1	1
90°	0	

TEST NUMBER: P1263815

CATALOG NUMBER: P3A02R209730DE010 E3PHLD1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	194.0
2.5°	189.6
5°	179.5
7.5°	166.0
10°	150.3
12.5°	133.0
15°	115.4
17.5°	100.9
20°	88.4
22.5°	77.3
25°	67.9
27.5°	59.7
30°	52.2
32.5°	45.9
35°	40.2
37.5°	35.2
40°	31.1
42.5°	27.4
45°	24.2
47.5°	21.4
50°	18.9
52.5°	16.7
55°	14.5
57.5°	12.6
60°	11.0
62.5°	9.7
65°	8.2
67.5°	6.9
70°	5.7
72.5°	4.7
75°	3.8
77.5°	2.8
80°	1.9
82.5°	0.9
85°	0.6
87.5°	0.0
90°	0.0

(END OF REPORT)