

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: P1275672

Luminaire Tested: P3AS09R159835DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1275672
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: P3AS09R159835DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R15 optic, 3500K CCT AND, 98CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

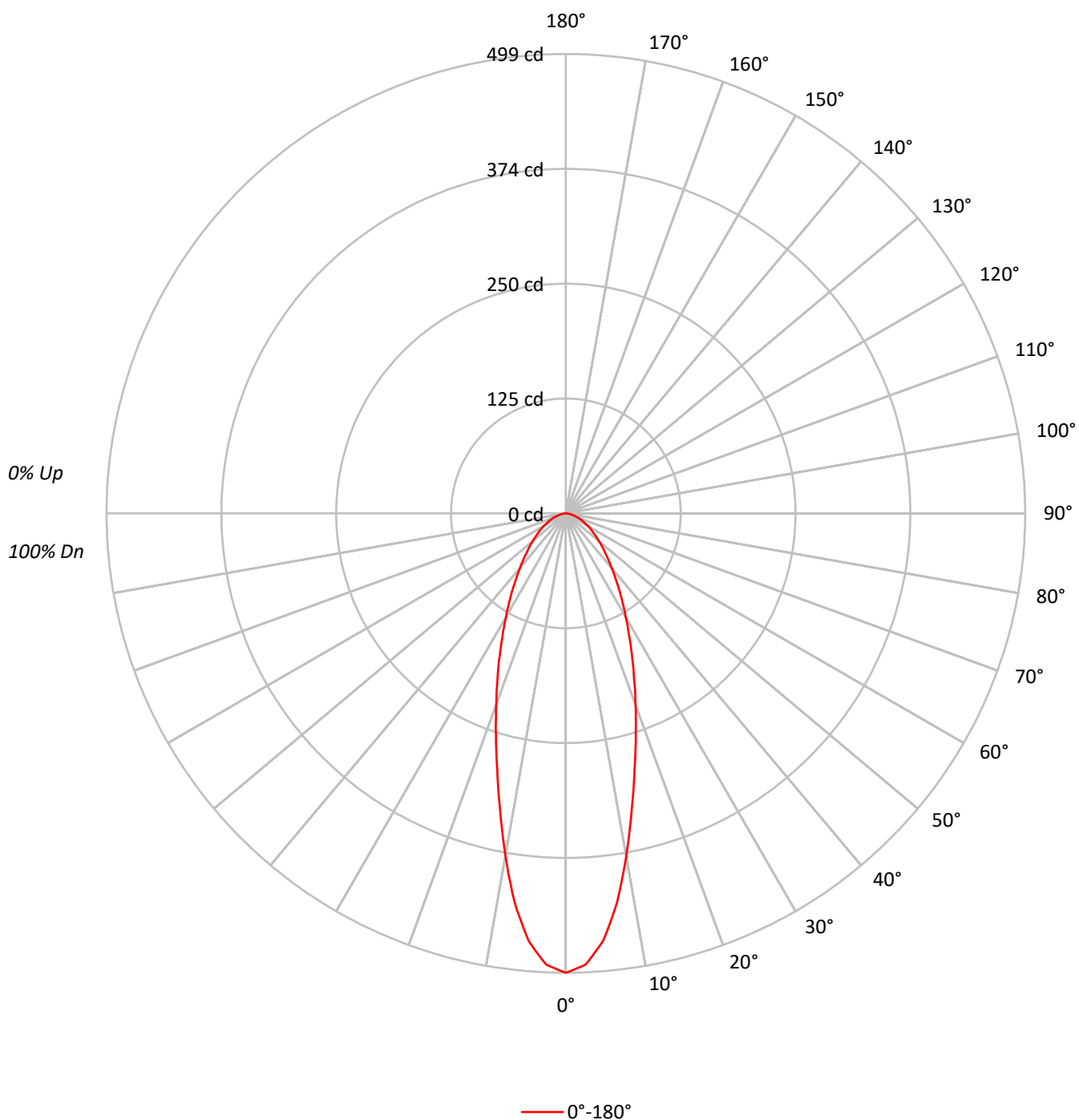
Lumens per Lamp: N/A
Luminaire Lumens: 375.9 lumens
Efficiency: N/A
Efficacy: 34.2 lumens/watt
Spacing Criteria (0/90/45): 0.56 / 0.56 / 0.66
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11
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: P1275672

CATALOG NUMBER: P3AS09R159835DE010 E3PHLD1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1275672

CATALOG NUMBER: P3AS09R159835DE010 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°	109421
5°	102575
10°	84100
15°	65335
20°	51571
25°	41107
30°	32992
35°	26930
40°	22184
45°	18669
50°	16034
55°	13878
60°	12280
65°	10689
70°	9489
75°	7710
80°	6188
85°	4026

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 18669 cd/sqm

TEST NUMBER: P1275672

CATALOG NUMBER: P3AS09R159835DE010 E3PHLD1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	41.6	11.1
10°-20°	80.6	21.4
20°-30°	78.4	20.8
30°-40°	63.3	16.8
40°-50°	47.0	12.5
50°-60°	32.9	8.7
60°-70°	20.6	5.5
70°-80°	9.8	2.6
80°-90°	1.8	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°	200.6	53.4
0°-40°	263.9	70.2
0°-60°	343.8	91.5
0°-90°	375.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	375.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	499	
5°	466	42
15°	288	81
25°	170	78
35°	101	63
45°	60	47
55°	36	33
65°	21	21
75°	9	10
85°	2	2
90°	0	

TEST NUMBER: P1275672

CATALOG NUMBER: P3AS09R159835DE010 E3PHLD1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	499.0
2.5°	490.7
5°	466.0
7.5°	426.4
10°	377.7
12.5°	329.9
15°	287.8
17.5°	252.4
20°	221.0
22.5°	193.8
25°	169.9
27.5°	148.5
30°	130.3
32.5°	114.6
35°	100.6
37.5°	88.2
40°	77.5
42.5°	68.5
45°	60.2
47.5°	53.6
50°	47.0
52.5°	41.2
55°	36.3
57.5°	32.2
60°	28.0
62.5°	23.9
65°	20.6
67.5°	17.3
70°	14.8
72.5°	11.5
75°	9.1
77.5°	6.6
80°	4.9
82.5°	2.5
85°	1.6
87.5°	0.0
90°	0.0

(END OF REPORT)