

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: P1251482

Luminaire Tested: P3AS09R159030DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1251482
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: P3AS09R159030DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R15 optic, 3000K CCT AND, 90CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

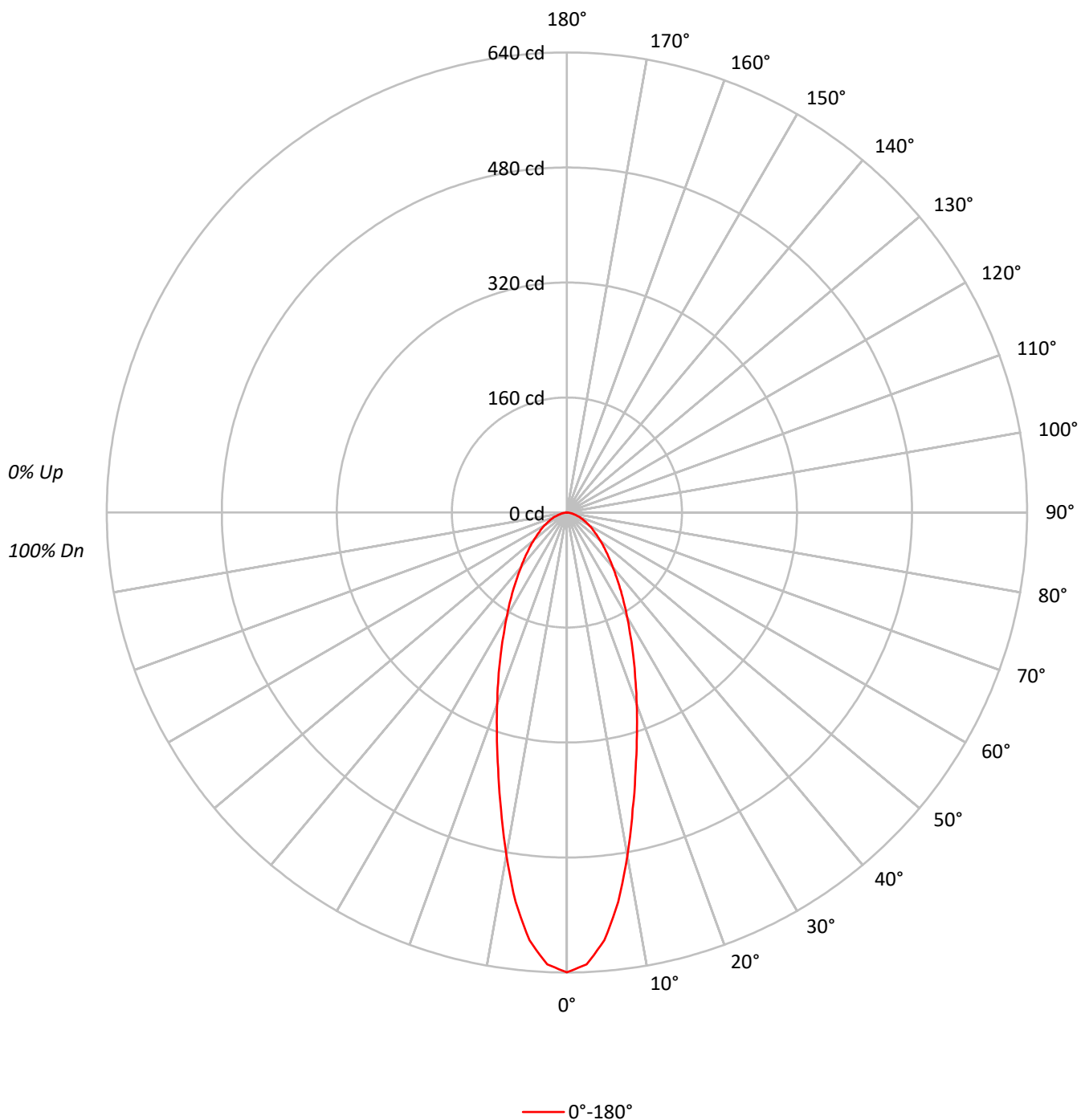
Lumens per Lamp: N/A
Luminaire Lumens: 482.0 lumens
Efficiency: N/A
Efficacy: 43.4 lumens/watt
Spacing Criteria (0/90/45): 0.56 / 0.56 / 0.66
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
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	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°	140274
5°	131499
10°	107814
15°	83769
20°	66132
25°	52697
30°	42310
35°	34532
40°	28453
45°	23940
50°	20571
55°	17777
60°	15744
65°	13698
70°	12182
75°	9828
80°	7956
85°	5284

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 23940 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	53.4	11.1
10°-20°	103.4	21.4
20°-30°	100.5	20.8
30°-40°	81.2	16.8
40°-50°	60.3	12.5
50°-60°	42.1	8.7
60°-70°	26.4	5.5
70°-80°	12.5	2.6
80°-90°	2.3	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°	257.2	53.4
0°-40°	338.4	70.2
0°-60°	440.8	91.5
0°-90°	482.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	482.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	640	
5°	597	53
15°	369	103
25°	218	100
35°	129	81
45°	77	60
55°	46	42
65°	26	26
75°	12	13
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	639.7
2.5°	629.1
5°	597.4
7.5°	546.6
10°	484.2
12.5°	422.9
15°	369.0
17.5°	323.5
20°	283.4
22.5°	248.5
25°	217.8
27.5°	190.3
30°	167.1
32.5°	147.0
35°	129.0
37.5°	113.1
40°	99.4
42.5°	87.8
45°	77.2
47.5°	68.7
50°	60.3
52.5°	52.9
55°	46.5
57.5°	41.2
60°	35.9
62.5°	30.7
65°	26.4
67.5°	22.2
70°	19.0
72.5°	14.8
75°	11.6
77.5°	8.5
80°	6.3
82.5°	3.2
85°	2.1
87.5°	0.0
90°	0.0

(END OF REPORT)