

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: P1268059

Luminaire Tested: P3A18R129735D010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1268059
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: P3A18R129735D010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R12 optic, 3500K CCT AND, 97CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

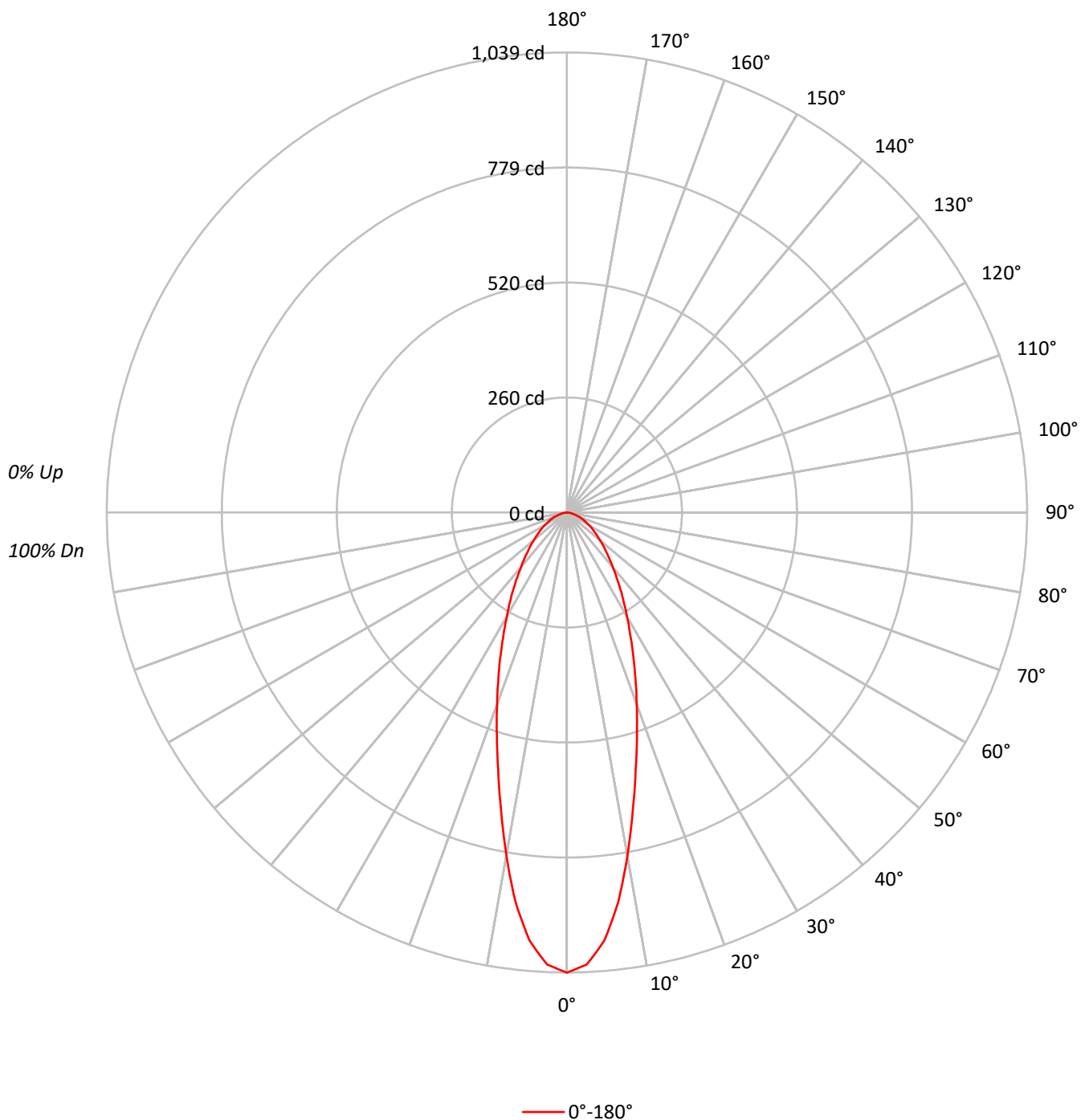
Lumens per Lamp: N/A
Luminaire Lumens: 783.0 lumens
Efficiency: N/A
Efficacy: 34.2 lumens/watt
Spacing Criteria (0/90/45): 0.56 / 0.56 / 0.66
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 22.9
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: P1268059

CATALOG NUMBER: P3A18R129735D010 E3PHLD1MW

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°	227855
5°	213603
10°	175147
15°	136073
20°	107413
25°	85602
30°	68719
35°	56082
40°	46201
45°	38888
50°	33398
55°	28902
60°	25612
65°	22259
70°	19811
75°	16013
80°	13007
85°	8554

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 38888 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	86.7	11.1
10°-20°	167.9	21.4
20°-30°	163.2	20.8
30°-40°	131.9	16.8
40°-50°	97.9	12.5
50°-60°	68.4	8.7
60°-70°	42.9	5.5
70°-80°	20.3	2.6
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°	417.8	53.4
0°-40°	549.7	70.2
0°-60°	716.0	91.5
0°-90°	783.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	783.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1039	
5°	970	87
15°	599	168
25°	354	163
35°	210	132
45°	125	98
55°	76	68
65°	43	43
75°	19	20
85°	3	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	1039.1
2.5°	1021.9
5°	970.4
7.5°	888.0
10°	786.6
12.5°	687.0
15°	599.4
17.5°	525.6
20°	460.3
22.5°	403.6
25°	353.8
27.5°	309.2
30°	271.4
32.5°	238.7
35°	209.5
37.5°	183.8
40°	161.4
42.5°	142.6
45°	125.4
47.5°	111.6
50°	97.9
52.5°	85.9
55°	75.6
57.5°	67.0
60°	58.4
62.5°	49.8
65°	42.9
67.5°	36.1
70°	30.9
72.5°	24.0
75°	18.9
77.5°	13.7
80°	10.3
82.5°	5.2
85°	3.4
87.5°	0.0
90°	0.0

(END OF REPORT)