

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: P1254533

Luminaire Tested: P3AS10R129035DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1254533
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: P3AS10R129035DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R12 optic, 3500K CCT AND, 90CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

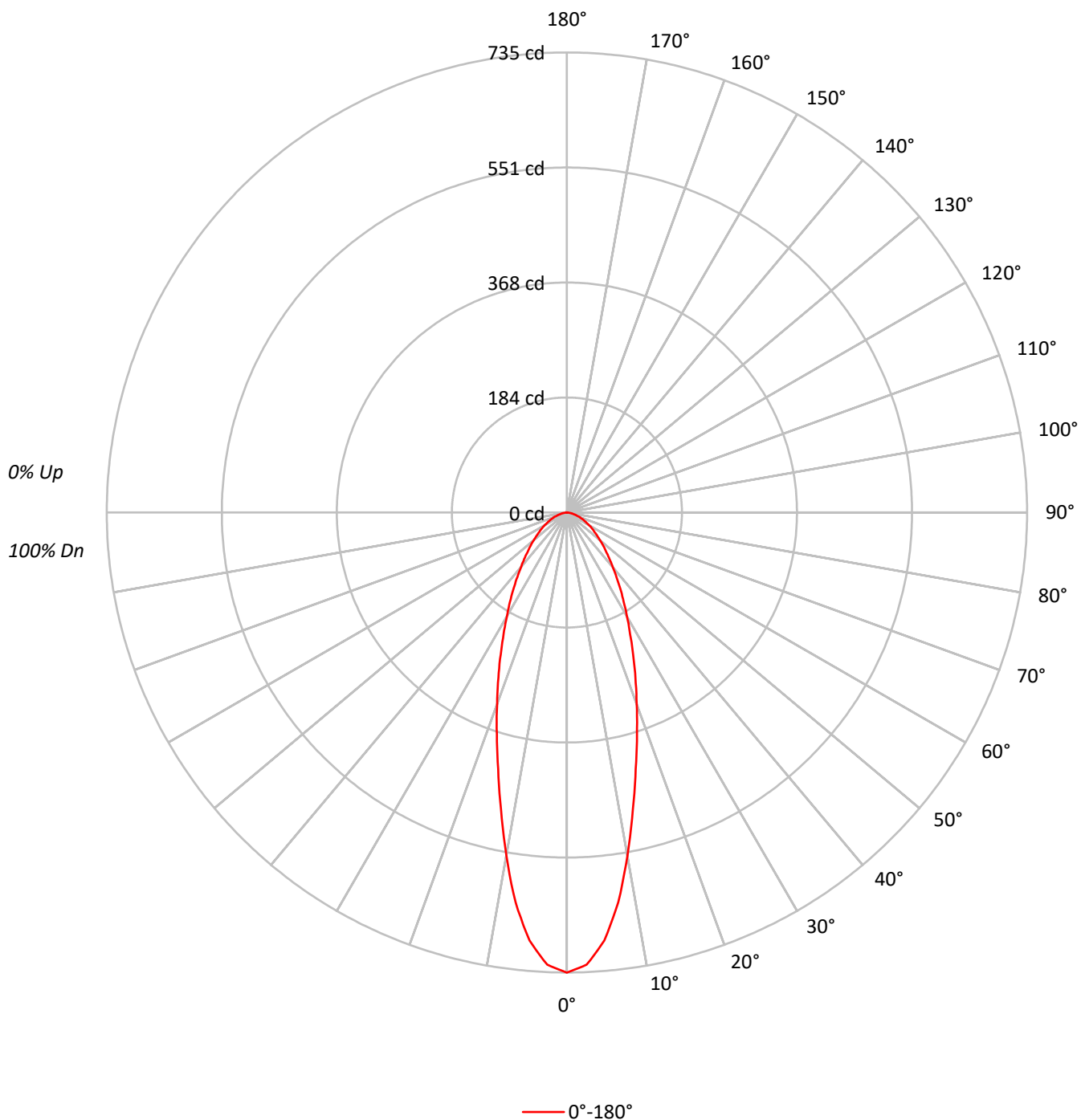
Lumens per Lamp: N/A
Luminaire Lumens: 554.0 lumens
Efficiency: N/A
Efficacy: 47.4 lumens/watt
Spacing Criteria (0/90/45): 0.56 / 0.56 / 0.66
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.7
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: P1254533

CATALOG NUMBER: P3AS10R129035DE010 E3PHLD1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1254533

CATALOG NUMBER: P3AS10R129035DE010 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°	161215
5°	151133
10°	123934
15°	96278
20°	76003
25°	60560
30°	48615
35°	39699
40°	32690
45°	27507
50°	23641
55°	20453
60°	18113
65°	15773
70°	14041
75°	11353
80°	9218
85°	6038

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 27507 cd/sqm

TEST NUMBER: P1254533

CATALOG NUMBER: P3AS10R129035DE010 E3PHLD1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	61.3	11.1
10°-20°	118.8	21.4
20°-30°	115.5	20.8
30°-40°	93.3	16.8
40°-50°	69.3	12.5
50°-60°	48.4	8.7
60°-70°	30.3	5.5
70°-80°	14.4	2.6
80°-90°	2.6	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°	295.6	53.4
0°-40°	388.9	70.2
0°-60°	506.6	91.5
0°-90°	554.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	554.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	735	
5°	687	61
15°	424	119
25°	250	115
35°	148	93
45°	89	69
55°	54	48
65°	30	30
75°	13	14
85°	2	3
90°	0	

TEST NUMBER: P1254533

CATALOG NUMBER: P3AS10R129035DE010 E3PHLD1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	735.2
2.5°	723.1
5°	686.6
7.5°	628.3
10°	556.6
12.5°	486.1
15°	424.1
17.5°	371.9
20°	325.7
22.5°	285.6
25°	250.3
27.5°	218.7
30°	192.0
32.5°	168.9
35°	148.3
37.5°	130.0
40°	114.2
42.5°	100.9
45°	88.7
47.5°	79.0
50°	69.3
52.5°	60.8
55°	53.5
57.5°	47.4
60°	41.3
62.5°	35.2
65°	30.4
67.5°	25.5
70°	21.9
72.5°	17.0
75°	13.4
77.5°	9.7
80°	7.3
82.5°	3.6
85°	2.4
87.5°	0.0
90°	0.0

(END OF REPORT)