

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: P1249120

Luminaire Tested: P3AS10R129027DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1249120
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-5)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS10R129027DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R12 optic, 2700K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

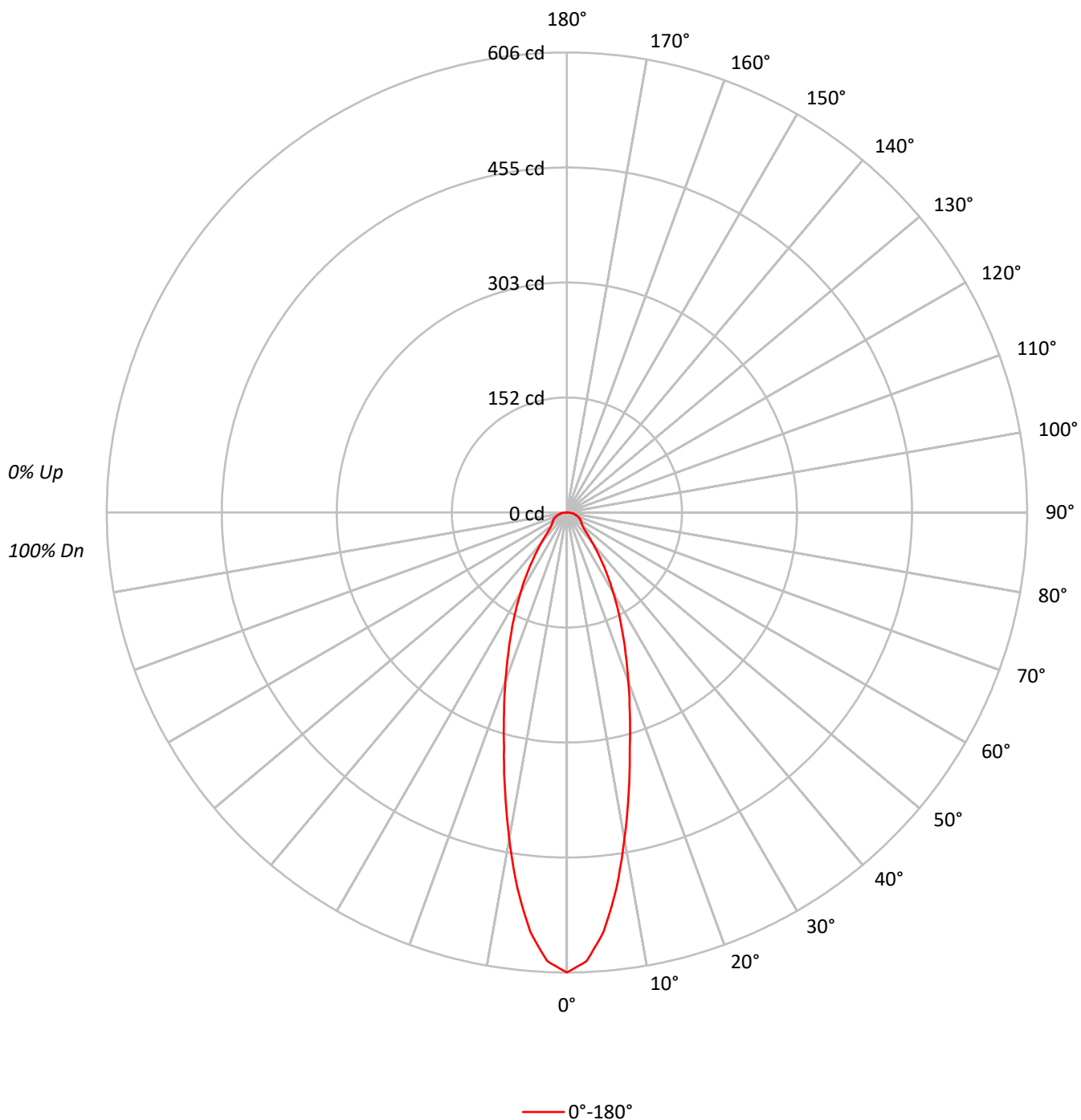
Lumens per Lamp: N/A
Luminaire Lumens: 355.0 lumens
Efficiency: N/A
Efficacy: 30.3 lumens/watt
Spacing Criteria (0/90/45): 0.51 / 0.51 / 0.6
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1249120

CATALOG NUMBER: P3AS10R129027DE010 E3PHLP1MW

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	100	102	99	97		98	96	94		95
2	105	99	94	90	102	97	92	89	94	90	87		91	87	85		88
3	99	91	85	80	96	89	84	80	87	82	78		84	80	77		82
4	93	84	78	73	91	83	77	72	81	76	71		79	74	71		77
5	88	78	72	67	86	77	71	67	76	70	66		74	69	65		72
6	83	73	67	62	82	73	66	62	71	65	61		70	65	61		68
7	79	69	62	58	78	68	62	58	67	61	57		66	61	57		65
8	75	65	59	54	74	65	58	54	63	58	54		62	57	54		61
9	72	62	55	51	71	61	55	51	60	55	51		59	54	51		58
10	69	59	52	48	68	58	52	48	57	52	48		56	51	48		56

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	132862
5°	122012
10°	97215
15°	72645
20°	55165
25°	41785
30°	30916
35°	22085
40°	15114
45°	10575
50°	9006
55°	8831
60°	9166
65°	9703
70°	9873
75°	10252
80°	11113
85°	11070

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 12936 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	49.1	13.8
10°-20°	89.8	25.3
20°-30°	79.5	22.4
30°-40°	52.1	14.7
40°-50°	27.8	7.8
50°-60°	21.0	5.9
60°-70°	18.1	5.1
70°-80°	12.5	3.5
80°-90°	5.1	1.4
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°	218.4	61.5
0°-40°	270.5	76.2
0°-60°	319.4	89.9
0°-90°	355.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	355.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	606	
5°	554	49
15°	320	90
25°	173	80
35°	82	52
45°	34	28
55°	23	21
65°	19	18
75°	12	12
85°	4	5
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	605.9
2.5°	591.6
5°	554.3
7.5°	499.3
10°	436.6
12.5°	376.1
15°	320.0
17.5°	274.9
20°	236.4
22.5°	202.3
25°	172.7
27.5°	146.3
30°	122.1
32.5°	101.2
35°	82.5
37.5°	66.0
40°	52.8
42.5°	41.8
45°	34.1
47.5°	29.7
50°	26.4
52.5°	25.3
55°	23.1
57.5°	22.0
60°	20.9
62.5°	19.8
65°	18.7
67.5°	16.5
70°	15.4
72.5°	13.2
75°	12.1
77.5°	9.9
80°	8.8
82.5°	7.7
85°	4.4
87.5°	2.2
90°	0.0

(END OF REPORT)