

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: P1253114

Luminaire Tested: P3AS24R459030D010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1253114
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-27)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R459030D010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R45 optic, 3000K CCT AND, 90CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

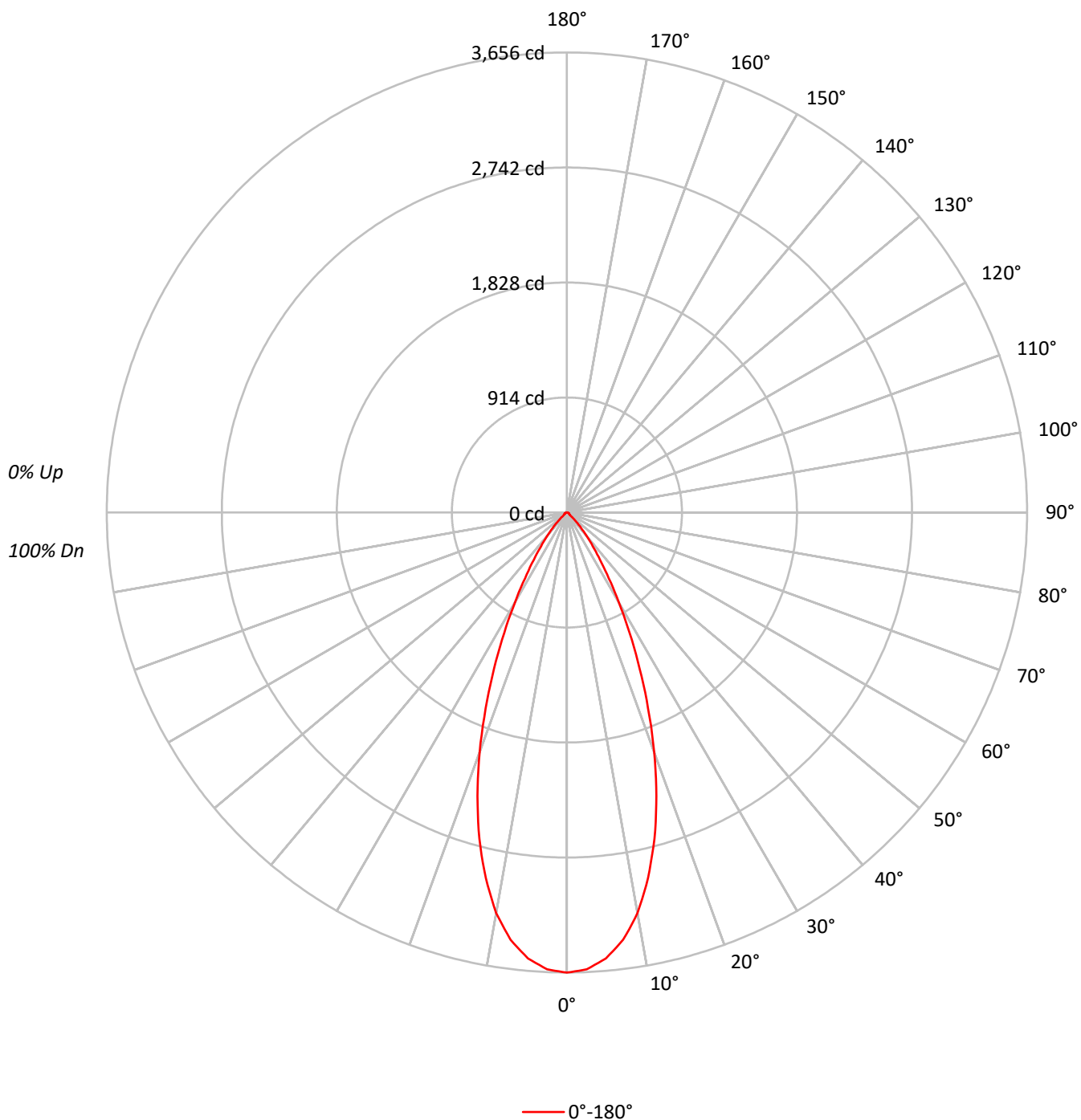
Lumens per Lamp: N/A
Luminaire Lumens: 2135.0 lumens
Efficiency: N/A
Efficacy: 74.1 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.69
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
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: P1253114

CATALOG NUMBER: P3AS24R459030D010 E3DL1MW

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			0
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50	30	10	0
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102	102	102	100
1	114	111	109	107	111	109	107	105	105	103	102		101	100	99		98	97	96	94
2	109	104	100	97	106	102	99	96	99	96	94		96	94	92		93	91	90	88
3	104	98	93	89	102	96	92	88	94	90	87		91	88	86		89	86	84	83
4	99	92	87	83	97	91	86	82	89	85	81		87	83	80		85	82	79	78
5	94	87	81	77	93	86	81	77	84	80	76		82	79	76		81	78	75	74
6	90	82	77	73	89	81	76	72	80	75	72		78	74	71		77	74	71	70
7	86	78	72	68	85	77	72	68	76	71	68		75	71	67		74	70	67	66
8	83	74	68	65	82	73	68	65	72	68	64		71	67	64		70	67	64	62
9	79	70	65	61	78	70	65	61	69	64	61		68	64	61		67	63	61	59
10	76	67	62	58	75	67	62	58	66	61	58		65	61	58		65	61	58	57

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	801756
5°	782983
10°	719760
15°	609856
20°	473171
25°	330769
30°	208361
35°	122657
40°	69416
45°	33740
50°	11735
55°	9481
60°	9210
65°	8924
70°	8591
75°	8049
80°	7198
85°	4780

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 33740 cd/sqm

TEST NUMBER: P1253114

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	329.3	15.4
10°-20°	737.7	34.6
20°-30°	626.4	29.3
30°-40°	298.8	14.0
40°-50°	90.0	4.2
50°-60°	22.8	1.1
60°-70°	17.0	0.8
70°-80°	10.1	0.5
80°-90°	2.8	0.1
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°	1693.4	79.3
0°-40°	1992.2	93.3
0°-60°	2105.0	98.6
0°-90°	2135.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2135.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3656	
5°	3557	329
15°	2686	738
25°	1367	626
35°	458	299
45°	109	90
55°	25	23
65°	17	17
75°	10	10
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	3656.3
2.5°	3633.4
5°	3557.1
7.5°	3425.3
10°	3232.5
12.5°	2976.6
15°	2686.4
17.5°	2363.7
20°	2027.7
22.5°	1685.9
25°	1367.1
27.5°	1076.9
30°	822.9
32.5°	618.6
35°	458.2
37.5°	337.9
40°	242.5
42.5°	168.0
45°	108.8
47.5°	61.1
50°	34.4
52.5°	26.7
55°	24.8
57.5°	22.9
60°	21.0
62.5°	19.1
65°	17.2
67.5°	15.3
70°	13.4
72.5°	11.5
75°	9.5
77.5°	7.6
80°	5.7
82.5°	3.8
85°	1.9
87.5°	1.9
90°	0.0

(END OF REPORT)