

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: P1258468

Luminaire Tested: P3AS24R359040D010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1258468
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-19)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R359040D010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R35 optic, 4000K CCT AND, 90CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

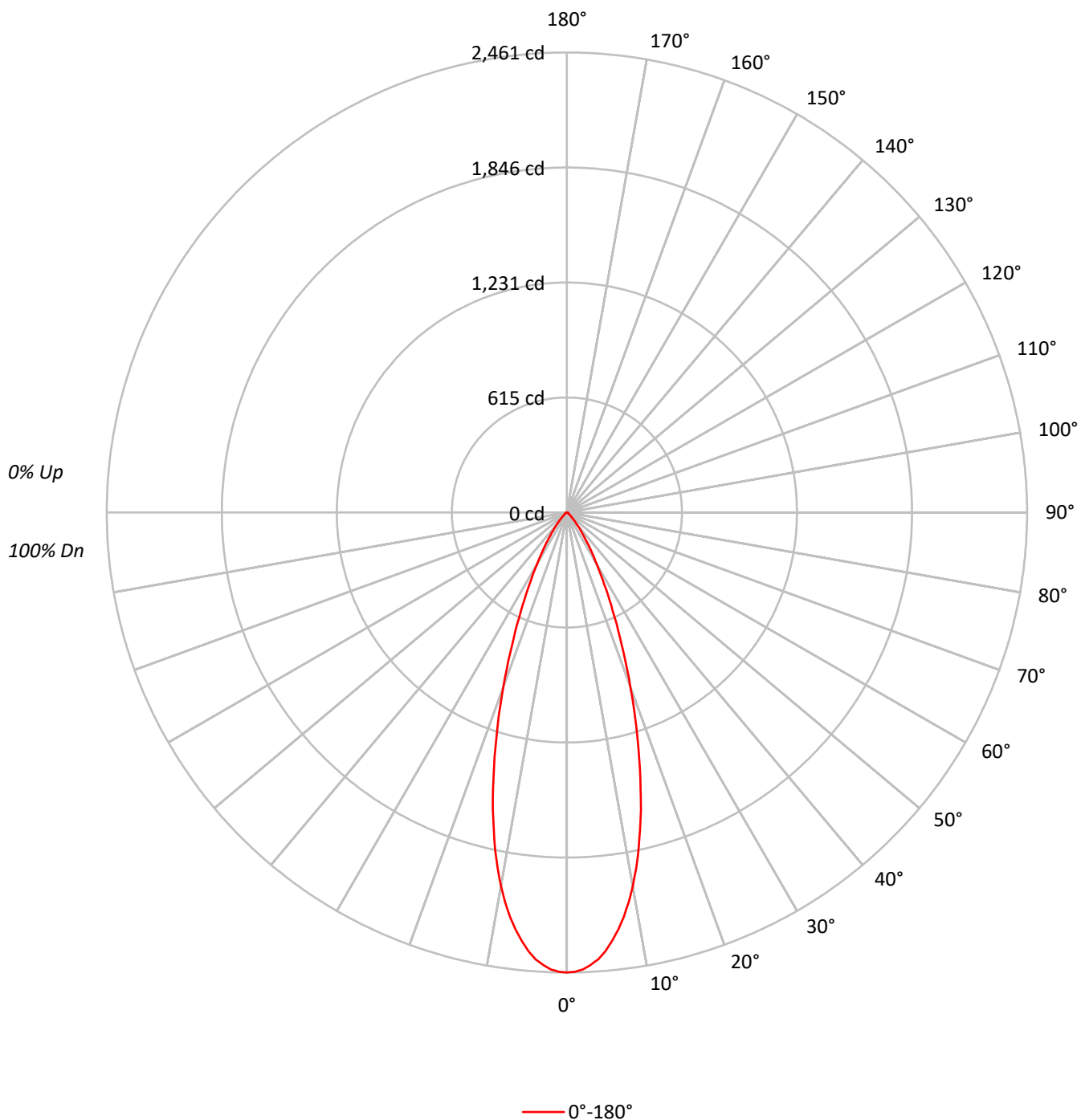
Lumens per Lamp: N/A
Luminaire Lumens: 1070.0 lumens
Efficiency: N/A
Efficacy: 37.2 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.58
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1258468

CATALOG NUMBER: P3AS24R359040D010 E3DL1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1258468

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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	114	112	109	107	112	109	107	106	105	104	102		102	100	99		98
2	109	105	101	98	107	103	100	97	100	97	95		97	95	93		94
3	105	99	95	91	103	98	94	90	95	92	89		93	90	88		91
4	100	94	89	85	99	93	88	85	91	87	84		89	85	83		87
5	96	89	84	80	95	88	83	80	86	82	79		85	81	78		83
6	92	85	80	76	91	84	79	76	83	78	75		81	77	75		80
7	89	81	76	72	88	80	75	72	79	75	71		78	74	71		77
8	85	77	72	69	84	77	72	68	76	71	68		75	71	68		74
9	82	74	69	66	81	74	69	65	73	68	65		72	68	65		71
10	79	71	66	63	78	71	66	63	70	66	63		69	65	62		69

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	539672
5°	518643
10°	451895
15°	346131
20°	231580
25°	140113
30°	80417
35°	44946
40°	23902
45°	12311
50°	5902
55°	4664
60°	4473
65°	3684
70°	3911
75°	3474
80°	3915
85°	2516

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 12311 cd/sqm

TEST NUMBER: P1258468

CATALOG NUMBER: P3AS24R359040D010 E3DL1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	214.4	20.0
10°-20°	415.4	38.8
20°-30°	272.0	25.4
30°-40°	110.3	10.3
40°-50°	33.1	3.1
50°-60°	11.2	1.1
60°-70°	7.5	0.7
70°-80°	4.5	0.4
80°-90°	1.5	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°	901.8	84.3
0°-40°	1012.2	94.6
0°-60°	1056.5	98.7
0°-90°	1070.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1070.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2461	
5°	2356	214
15°	1525	415
25°	579	272
35°	168	110
45°	40	33
55°	12	11
65°	7	8
75°	4	4
85°	1	2
90°	0	

TEST NUMBER: P1258468

CATALOG NUMBER: P3AS24R359040D010 E3DL1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	2461.1
1°	2457.0
2°	2445.8
3°	2423.4
4°	2396.9
5°	2356.2
6°	2305.3
7°	2248.3
8°	2184.2
9°	2110.9
10°	2029.5
11°	1938.9
12°	1844.3
13°	1738.4
14°	1637.6
15°	1524.7
17.5°	1250.9
20°	992.4
22.5°	763.4
25°	579.1
27.5°	431.5
30°	317.6
32.5°	233.1
35°	167.9
37.5°	119.1
40°	83.5
42.5°	58.0
45°	39.7
47.5°	26.5
50°	17.3
52.5°	13.2
55°	12.2
57.5°	11.2
60°	10.2
62.5°	9.2
65°	7.1
67.5°	6.1
70°	6.1
72.5°	5.1
75°	4.1
77.5°	3.1
80°	3.1
82.5°	2.0
85°	1.0
87.5°	1.0



TEST NUMBER: P1258468

CATALOG NUMBER: P3AS24R359040D010 E3DL1GPH

CANDELA DISTRIBUTION (continued):



(END OF REPORT)