

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: P1261077

Luminaire Tested: P3AS24R359050D010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1261077
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-17)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R359050D010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R35 optic, 5000K CCT AND, 90CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

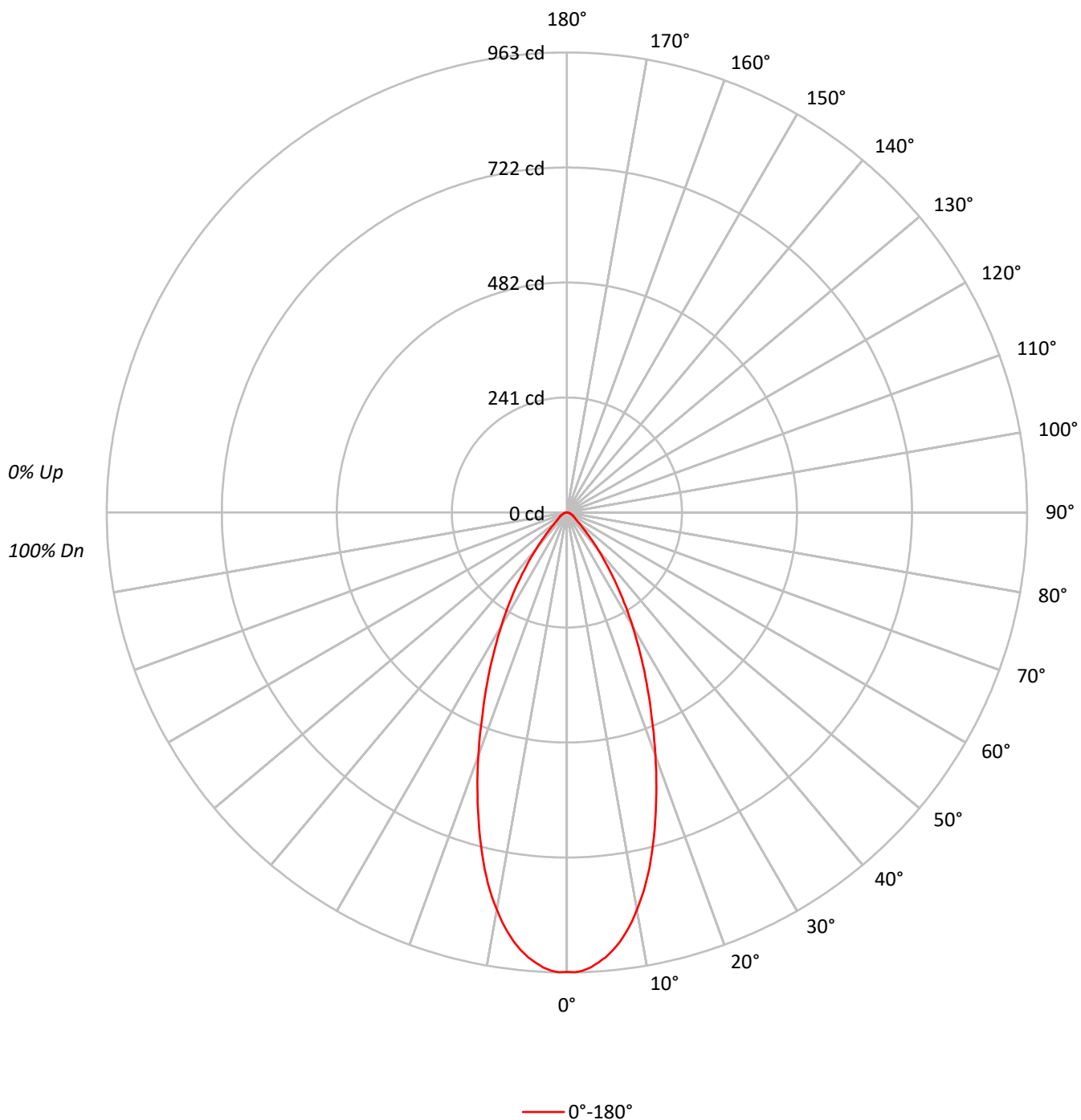
Lumens per Lamp: N/A
Luminaire Lumens: 656.0 lumens
Efficiency: N/A
Efficacy: 22.8 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.72
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1261077

CATALOG NUMBER: P3AS24R359050D010 E3DLP1GPH

Luminous Intensity Polar Plot





TEST NUMBER: P1261077

CATALOG NUMBER: P3AS24R359050D010 E3DLP1GPH

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	113	110	108	105	111	108	106	104	104	102	100		100	99	97		97
2	107	102	98	94	105	100	97	93	97	94	91		94	92	89		91
3	102	95	90	86	100	94	89	85	91	87	84		89	85	82		86
4	97	89	83	79	95	88	82	78	86	81	77		84	80	77		82
5	92	83	77	73	90	82	77	73	81	76	72		79	75	71		77
6	87	78	72	68	86	77	72	68	76	71	67		75	70	67		73
7	83	74	68	63	82	73	67	63	72	67	63		71	66	63		69
8	79	70	64	60	78	69	63	59	68	63	59		67	62	59		66
9	76	66	60	56	75	66	60	56	65	59	56		64	59	56		63
10	72	63	57	53	71	62	57	53	61	56	53		61	56	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	210860
5°	205657
10°	188017
15°	159592
20°	126338
25°	95546
30°	69555
35°	47060
40°	28911
45°	16591
50°	9995
55°	8105
60°	7105
65°	6278
70°	5193
75°	5168
80°	5051
85°	5032

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 16591 cd/sqm

TEST NUMBER: P1261077

CATALOG NUMBER: P3AS24R359050D010 E3DLP1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	86.3	13.2
10°-20°	193.8	29.5
20°-30°	181.3	27.6
30°-40°	111.0	16.9
40°-50°	43.7	6.7
50°-60°	19.3	2.9
60°-70°	12.0	1.8
70°-80°	6.4	1.0
80°-90°	2.2	0.3
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°	461.4	70.3
0°-40°	572.4	87.3
0°-60°	635.4	96.9
0°-90°	656.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	656.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	962	
5°	934	86
15°	703	194
25°	395	181
35°	176	111
45°	54	44
55°	21	19
65°	12	12
75°	6	6
85°	2	2
90°	0	

TEST NUMBER: P1261077

CATALOG NUMBER: P3AS24R359050D010 E3DLP1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	961.6
1°	962.6
2°	959.6
3°	953.5
4°	944.4
5°	934.3
6°	921.2
7°	906.0
8°	887.8
9°	867.6
10°	844.4
11°	820.2
12°	793.9
13°	765.6
14°	734.3
15°	703.0
17.5°	622.2
20°	541.4
22.5°	463.6
25°	394.9
27.5°	331.3
30°	274.7
32.5°	222.2
35°	175.8
37.5°	134.3
40°	101.0
42.5°	72.7
45°	53.5
47.5°	38.4
50°	29.3
52.5°	24.2
55°	21.2
57.5°	18.2
60°	16.2
62.5°	14.1
65°	12.1
67.5°	10.1
70°	8.1
72.5°	7.1
75°	6.1
77.5°	5.1
80°	4.0
82.5°	3.0
85°	2.0
87.5°	1.0



TEST NUMBER: P1261077

CATALOG NUMBER: P3AS24R359050D010 E3DLP1GPH

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)