

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: P1261181

Luminaire Tested: P3AS24R559050D010 E3DL1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1261181
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-35)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R559050D010 E3DL1H
Description: 3in Adjustable LED luminaire with, R55 optic, 5000K CCT AND, 90CRI , E3DL1H TRIM
Light Source: -
Ballast/Driver: -

Summary

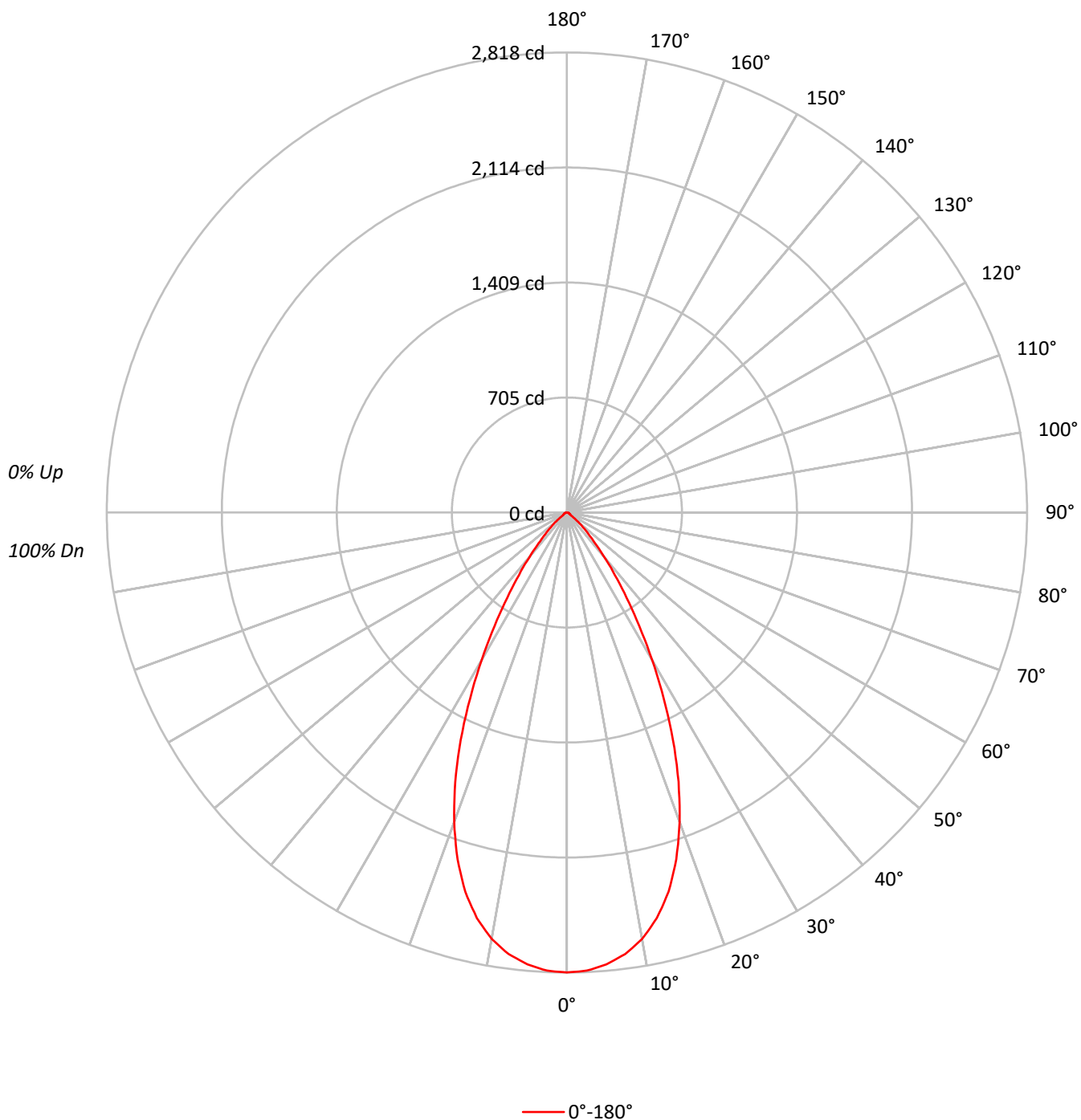
Lumens per Lamp: N/A
Luminaire Lumens: 2250.0 lumens
Efficiency: N/A
Efficacy: 78.1 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.81
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1261181

CATALOG NUMBER: P3AS24R559050D010 E3DL1H

Luminous Intensity Polar Plot



TEST NUMBER: P1261181

CATALOG NUMBER: P3AS24R559050D010 E3DL1H

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20					20					20					20
RC	80				70					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	113	111	108	106	111	108	106	104	104	103	101	101	99	98	97	96	95			93
2	108	103	99	95	106	101	97	94	98	95	92	95	92	90	92	90	88			87
3	102	96	91	87	100	94	90	86	92	88	85	89	86	83	87	85	82			81
4	97	90	84	80	95	89	83	79	86	82	78	84	81	78	82	79	77			75
5	92	84	78	74	91	83	78	74	81	77	73	80	76	72	78	75	72			70
6	88	79	73	69	86	78	73	68	77	72	68	75	71	68	74	70	67			66
7	84	74	68	64	82	74	68	64	72	67	64	71	67	63	70	66	63			62
8	80	70	64	60	78	70	64	60	69	63	60	67	63	60	67	62	59			58
9	76	66	61	57	75	66	60	56	65	60	56	64	59	56	63	59	56			55
10	73	63	57	53	72	62	57	53	62	57	53	61	56	53	60	56	53			52

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	617823
5°	611555
10°	590592
15°	545906
20°	471071
25°	372070
30°	263939
35°	170199
40°	102220
45°	57618
50°	30976
55°	11049
60°	9955
65°	9651
70°	9232
75°	8727
80°	7829
85°	5284

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 57618 cd/sqm

TEST NUMBER: P1261181

CATALOG NUMBER: P3AS24R559050D010 E3DL1H

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	261.3	11.6
10°-20°	665.0	29.6
20°-30°	696.9	31.0
30°-40°	406.6	18.1
40°-50°	152.2	6.8
50°-60°	35.8	1.6
60°-70°	18.4	0.8
70°-80°	10.9	0.5
80°-90°	3.1	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°	1623.1	72.1
0°-40°	2029.7	90.2
0°-60°	2217.7	98.6
0°-90°	2250.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2250.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2818	
5°	2778	261
15°	2405	665
25°	1538	697
35°	636	407
45°	186	152
55°	29	36
65°	19	18
75°	10	11
85°	2	3
90°	0	

TEST NUMBER: P1261181

CATALOG NUMBER: P3AS24R559050D010 E3DL1H

CANDELA DISTRIBUTION (FULL):

0°	
0°	2817.5
2.5°	2809.3
5°	2778.3
7.5°	2728.8
10°	2652.4
12.5°	2545.1
15°	2404.7
17.5°	2227.2
20°	2018.7
22.5°	1785.5
25°	1537.8
27.5°	1283.9
30°	1042.4
32.5°	823.6
35°	635.8
37.5°	483.0
40°	357.1
42.5°	256.0
45°	185.8
47.5°	134.2
50°	90.8
52.5°	51.6
55°	28.9
57.5°	24.8
60°	22.7
62.5°	20.6
65°	18.6
67.5°	16.5
70°	14.4
72.5°	12.4
75°	10.3
77.5°	8.3
80°	6.2
82.5°	4.1
85°	2.1
87.5°	2.1
90°	0.0

(END OF REPORT)