

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: P1258445

Luminaire Tested: P3AS24R309040D010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1258445
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-15)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R309040D010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R30 optic, 4000K CCT AND, 90CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

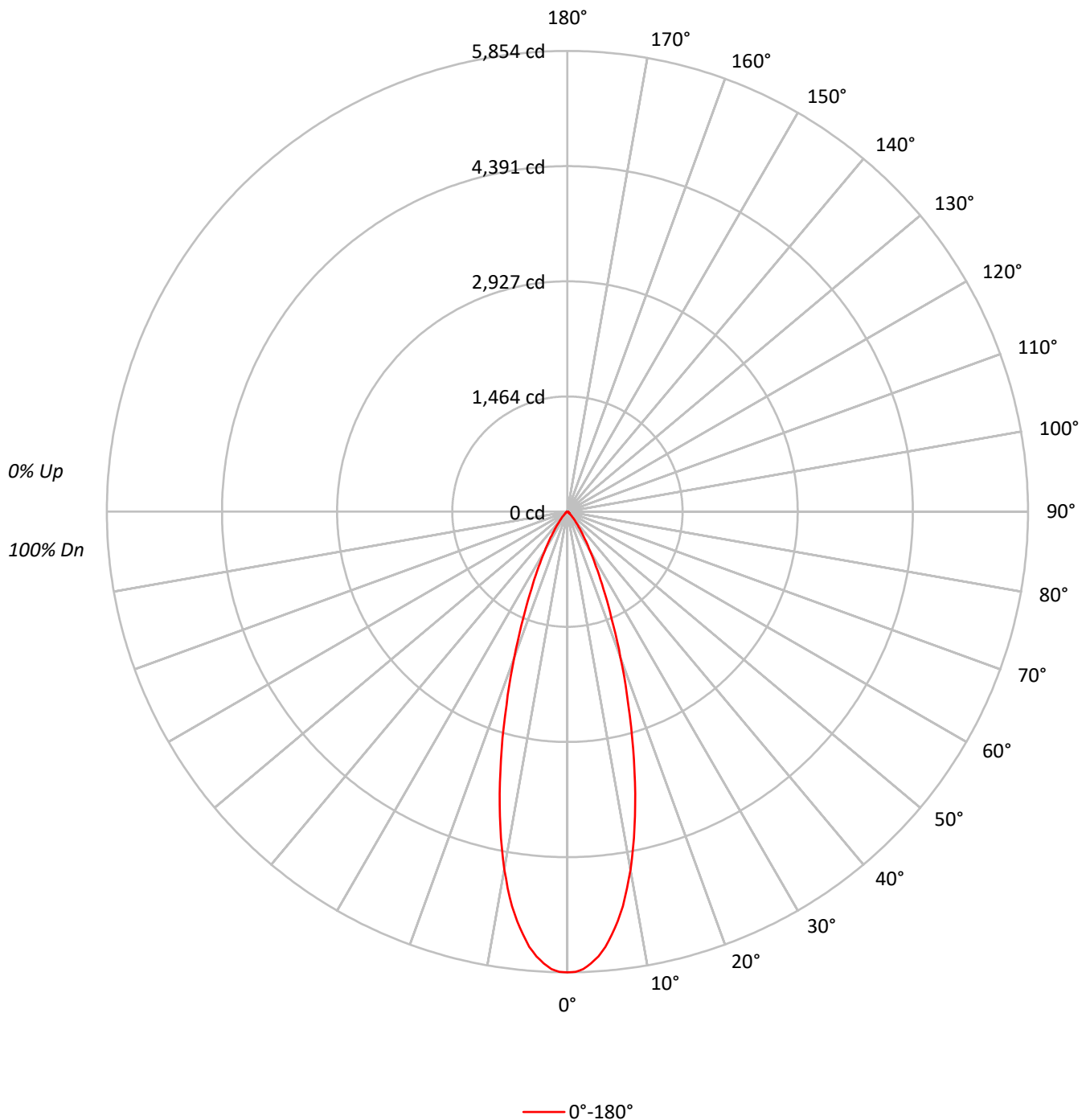
Lumens per Lamp: N/A
Luminaire Lumens: 2200.0 lumens
Efficiency: N/A
Efficacy: 76.4 lumens/watt
Spacing Criteria (0/90/45): 0.54 / 0.54 / 0.54
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1258445

CATALOG NUMBER: P3AS24R309040D010 E3DL1WMH

Luminous Intensity Polar Plot



TEST NUMBER: P1258445

CATALOG NUMBER: P3AS24R309040D010 E3DL1WMH

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	110	108	112	110	108	106	106	104	103		102	101	100		99
2	110	105	102	99	107	104	101	98	101	98	96		98	96	94		95
3	105	100	96	92	103	98	95	91	96	93	90		94	91	89		91
4	101	95	90	87	99	94	89	86	92	88	85		90	87	84		88
5	97	90	85	82	96	89	85	81	88	84	81		86	83	80		85
6	94	86	81	78	92	85	81	77	84	80	77		83	79	76		81
7	90	82	77	74	89	82	77	74	81	76	73		80	76	73		79
8	87	79	74	71	86	79	74	71	78	73	70		77	73	70		76
9	84	76	71	68	83	75	71	68	75	70	67		74	70	67		73
10	81	73	68	65	80	73	68	65	72	68	65		71	67	65		71

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1283779
5°	1221877
10°	1027770
15°	741185
20°	459753
25°	261475
30°	145238
35°	78996
40°	41649
45°	22545
50°	12042
55°	7952
60°	7280
65°	7524
70°	6668
75°	5253
80°	5304
85°	5284

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 22545 cd/sqm

TEST NUMBER: P1258445

CATALOG NUMBER: P3AS24R309040D010 E3DL1WMH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	499.8	22.7
10°-20°	888.5	40.4
20°-30°	513.5	23.3
30°-40°	194.9	8.9
40°-50°	59.8	2.7
50°-60°	20.1	0.9
60°-70°	13.6	0.6
70°-80°	7.4	0.3
80°-90°	2.3	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°	1901.9	86.4
0°-40°	2096.8	95.3
0°-60°	2176.7	98.9
0°-90°	2200.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2200.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	5854	
5°	5551	500
15°	3265	889
25°	1081	514
35°	295	195
45°	73	60
55°	21	20
65°	14	14
75°	6	7
85°	2	2
90°	0	

TEST NUMBER: P1258445

CATALOG NUMBER: P3AS24R309040D010 E3DL1WMH

CANDELA DISTRIBUTION (FULL):

0°	
0°	5854.5
1°	5850.3
2°	5815.0
3°	5748.5
4°	5665.3
5°	5551.0
6°	5405.5
7°	5243.4
8°	5062.6
9°	4846.5
10°	4615.8
11°	4366.4
12°	4102.5
13°	3826.1
14°	3545.5
15°	3264.9
17.5°	2575.0
20°	1970.2
22.5°	1461.0
25°	1080.7
27.5°	785.6
30°	573.6
32.5°	413.6
35°	295.1
37.5°	205.7
40°	145.5
42.5°	101.8
45°	72.7
47.5°	49.9
50°	35.3
52.5°	24.9
55°	20.8
57.5°	18.7
60°	16.6
62.5°	14.5
65°	14.5
67.5°	12.5
70°	10.4
72.5°	8.3
75°	6.2
77.5°	6.2
80°	4.2
82.5°	4.2
85°	2.1
87.5°	0.0



TEST NUMBER: P1258445

CATALOG NUMBER: P3AS24R309040D010 E3DL1WMH

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)