

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: P1252654

Luminaire Tested: P3AS20R259030D010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1252654
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-11)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R259030D010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 90CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

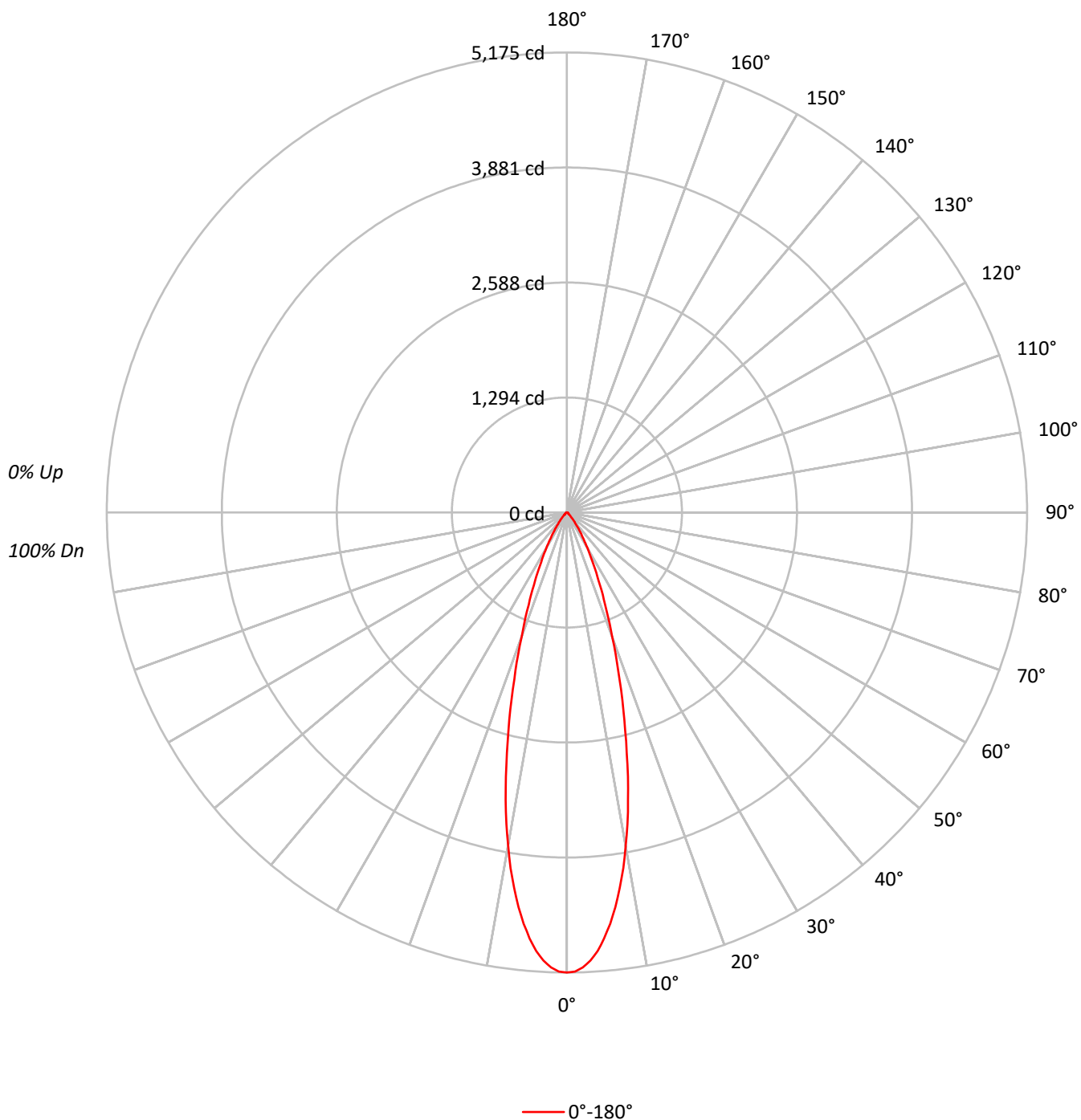
Lumens per Lamp: N/A
Luminaire Lumens: 1769.0 lumens
Efficiency: N/A
Efficacy: 61.4 lumens/watt
Spacing Criteria (0/90/45): 0.49 / 0.49 / 0.51
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1252654

CATALOG NUMBER: P3AS20R259030D010 E3DL1WMH

Luminous Intensity Polar Plot



TEST NUMBER: P1252654

CATALOG NUMBER: P3AS20R259030D010 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	86	81	78	84	80	77		83	79	77		82
7	90	83	78	74	89	82	77	74	81	77	74		80	76	73		79
8	87	79	74	71	86	79	74	71	78	74	71		77	73	70		76
9	84	76	71	68	83	76	71	68	75	71	68		74	70	68		73
10	81	73	69	65	80	73	68	65	72	68	65		72	68	65		71

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1134756
5°	1058703
10°	848103
15°	575690
20°	348350
25°	203697
30°	115993
35°	63818
40°	33863
45°	17831
50°	10371
55°	7761
60°	6666
65°	7005
70°	6475
75°	5761
80°	4293
85°	4277

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 17831 cd/sqm

TEST NUMBER: P1252654

CATALOG NUMBER: P3AS20R259030D010 E3DL1WMH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	426.8	24.1
10°-20°	697.2	39.4
20°-30°	398.4	22.5
30°-40°	157.2	8.9
40°-50°	48.2	2.7
50°-60°	19.0	1.1
60°-70°	12.7	0.7
70°-80°	7.2	0.4
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°	1522.4	86.1
0°-40°	1679.6	94.9
0°-60°	1746.8	98.7
0°-90°	1769.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1769.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	5175	
5°	4810	427
15°	2536	697
25°	842	398
35°	238	157
45°	58	48
55°	20	19
65°	14	13
75°	7	7
85°	2	2
90°	0	

TEST NUMBER: P1252654

CATALOG NUMBER: P3AS20R259030D010 E3DL1WMH

CANDELA DISTRIBUTION (FULL):

0°	
0°	5174.9
1°	5164.7
2°	5122.5
3°	5048.1
4°	4944.9
5°	4809.7
6°	4650.8
7°	4471.6
8°	4263.6
9°	4050.6
10°	3808.9
11°	3570.5
12°	3308.5
13°	3049.8
14°	2784.4
15°	2535.9
17.5°	1966.1
20°	1492.8
22.5°	1120.9
25°	841.9
27.5°	623.8
30°	458.1
32.5°	331.4
35°	238.4
37.5°	169.1
40°	118.3
42.5°	81.1
45°	57.5
47.5°	40.6
50°	30.4
52.5°	23.7
55°	20.3
57.5°	18.6
60°	15.2
62.5°	13.5
65°	13.5
67.5°	11.8
70°	10.1
72.5°	8.5
75°	6.8
77.5°	5.1
80°	3.4
82.5°	3.4
85°	1.7
87.5°	1.7



TEST NUMBER: P1252654
CATALOG NUMBER: P3AS20R259030D010 E3DL1WMH

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)