

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: P1249947

Luminaire Tested: P3AS20R259027D010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1249947
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: P3AS20R259027D010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R25 optic, 2700K CCT AND, 90CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

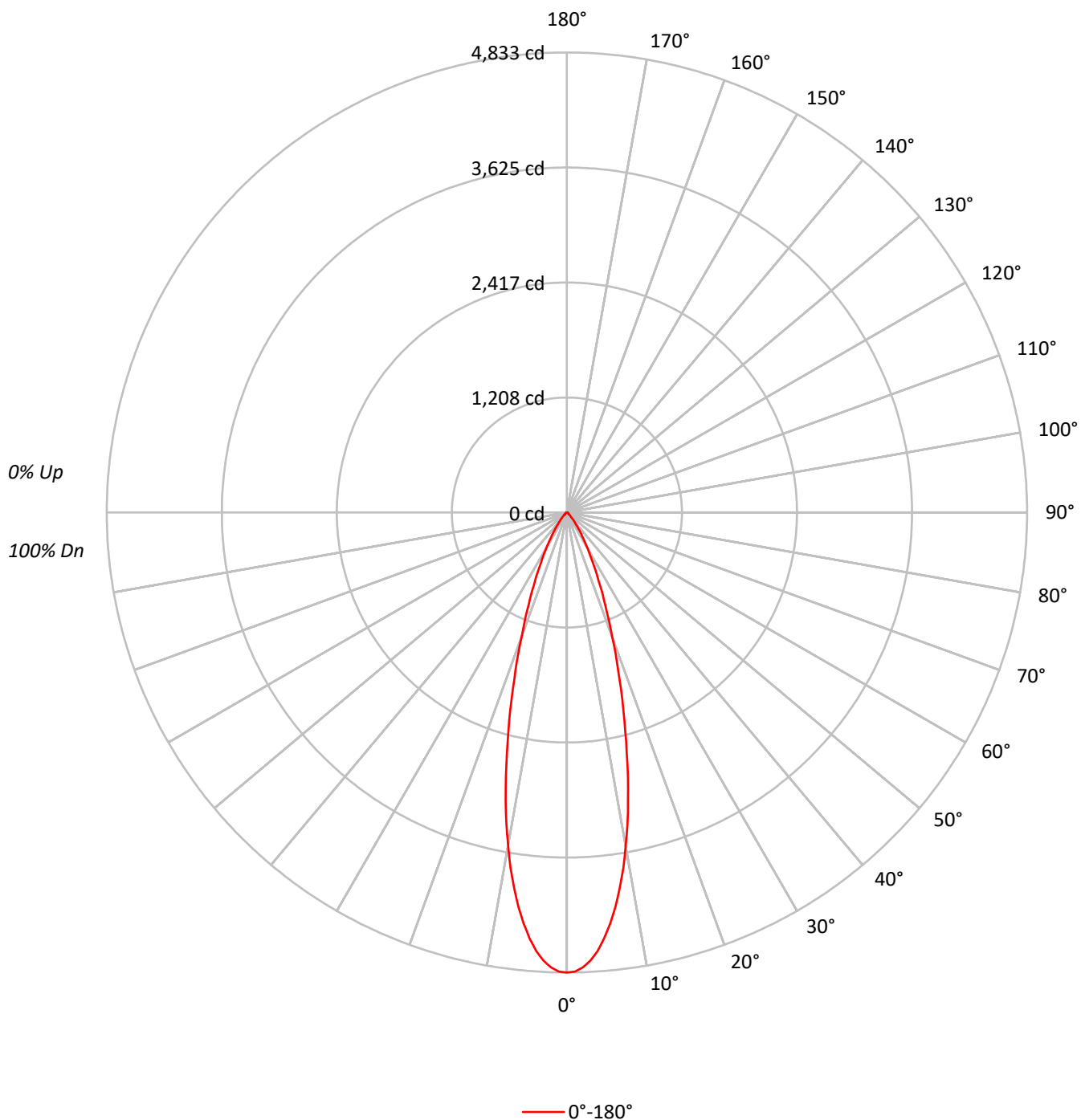
Lumens per Lamp: N/A
Luminaire Lumens: 1652.0 lumens
Efficiency: N/A
Efficacy: 57.4 lumens/watt
Spacing Criteria (0/90/45): 0.49 / 0.49 / 0.51
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1249947

CATALOG NUMBER: P3AS20R259027D010 E3DL1WMH

Luminous Intensity Polar Plot



TEST NUMBER: P1249947

CATALOG NUMBER: P3AS20R259027D010 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°	1059696
5°	988683
10°	792014
15°	537597
20°	325295
25°	190221
30°	108320
35°	59588
40°	31631
45°	16653
50°	9688
55°	7226
60°	6228
65°	6538
70°	6091
75°	5338
80°	4041
85°	4026

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 16653 cd/sqm

TEST NUMBER: P1249947

CATALOG NUMBER: P3AS20R259027D010 E3DL1WMH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	398.6	24.1
10°-20°	651.1	39.4
20°-30°	372.0	22.5
30°-40°	146.8	8.9
40°-50°	45.0	2.7
50°-60°	17.8	1.1
60°-70°	11.9	0.7
70°-80°	6.7	0.4
80°-90°	2.2	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°	1421.7	86.1
0°-40°	1568.5	94.9
0°-60°	1631.3	98.7
0°-90°	1652.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1652.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	4833	
5°	4492	399
15°	2368	651
25°	786	372
35°	223	147
45°	54	45
55°	19	18
65°	13	12
75°	6	7
85°	2	2
90°	0	

TEST NUMBER: P1249947

CATALOG NUMBER: P3AS20R259027D010 E3DL1WMH

CANDELA DISTRIBUTION (FULL):

0°	
0°	4832.6
1°	4823.1
2°	4783.7
3°	4714.2
4°	4617.9
5°	4491.6
6°	4343.2
7°	4175.8
8°	3981.6
9°	3782.7
10°	3557.0
11°	3334.4
12°	3089.6
13°	2848.1
14°	2600.2
15°	2368.1
17.5°	1836.1
20°	1394.0
22.5°	1046.7
25°	786.2
27.5°	582.6
30°	427.8
32.5°	309.4
35°	222.6
37.5°	157.9
40°	110.5
42.5°	75.8
45°	53.7
47.5°	37.9
50°	28.4
52.5°	22.1
55°	18.9
57.5°	17.4
60°	14.2
62.5°	12.6
65°	12.6
67.5°	11.1
70°	9.5
72.5°	7.9
75°	6.3
77.5°	4.7
80°	3.2
82.5°	3.2
85°	1.6
87.5°	1.6



TEST NUMBER: P1249947

CATALOG NUMBER: P3AS20R259027D010 E3DL1WMH

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)