

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: P1265756

Luminaire Tested: P3A20R259730D010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1265756
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: P3A20R259730D010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 97CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

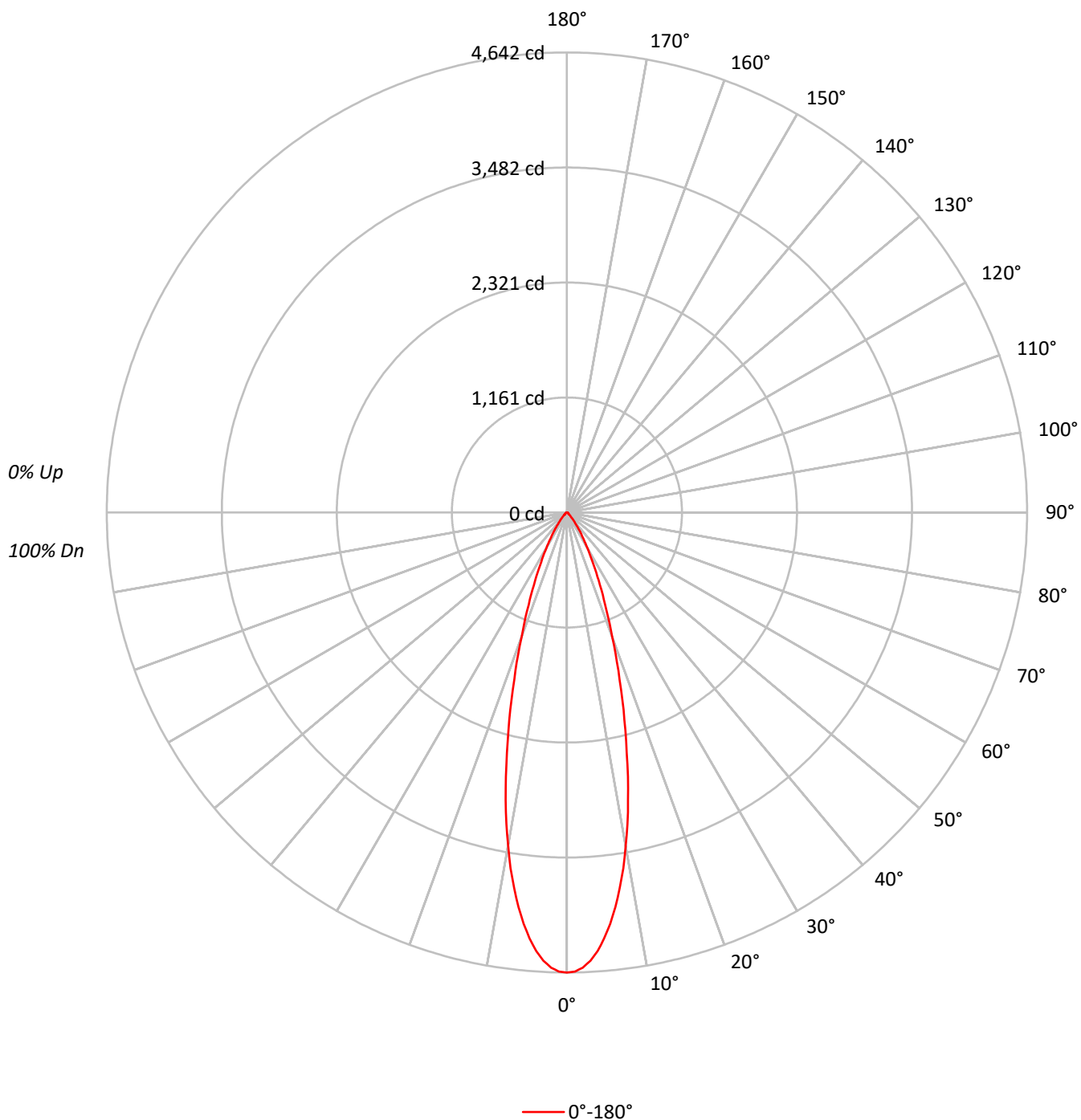
Lumens per Lamp: N/A
Luminaire Lumens: 1586.9 lumens
Efficiency: N/A
Efficacy: 55.1 lumens/watt
Spacing Criteria (0/90/45): 0.49 / 0.49 / 0.51
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1265756

CATALOG NUMBER: P3A20R259730D010 E3DL1WMH

Luminous Intensity Polar Plot



TEST NUMBER: P1265756

CATALOG NUMBER: P3A20R259730D010 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°	1018011
5°	949788
10°	760841
15°	516462
20°	312507
25°	182744
30°	104067
35°	57233
40°	30400
45°	16002
50°	9313
55°	6958
60°	5964
65°	6278
70°	5834
75°	5168
80°	3788
85°	3774

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 16002 cd/sqm

TEST NUMBER: P1265756

CATALOG NUMBER: P3A20R259730D010 E3DL1WMH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	382.9	24.1
10°-20°	625.5	39.4
20°-30°	357.4	22.5
30°-40°	141.0	8.9
40°-50°	43.2	2.7
50°-60°	17.1	1.1
60°-70°	11.4	0.7
70°-80°	6.4	0.4
80°-90°	2.0	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°	1365.7	86.1
0°-40°	1506.8	94.9
0°-60°	1567.1	98.7
0°-90°	1586.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1586.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	4642	
5°	4315	383
15°	2275	625
25°	755	357
35°	214	141
45°	52	43
55°	18	17
65°	12	11
75°	6	6
85°	2	2
90°	0	

TEST NUMBER: P1265756

CATALOG NUMBER: P3A20R259730D010 E3DL1WMH

CANDELA DISTRIBUTION (FULL):

0°	
0°	4642.5
1°	4633.4
2°	4595.4
3°	4528.7
4°	4436.2
5°	4314.9
6°	4172.3
7°	4011.5
8°	3825.0
9°	3633.9
10°	3417.0
11°	3203.2
12°	2968.1
13°	2736.0
14°	2497.9
15°	2275.0
17.5°	1763.9
20°	1339.2
22.5°	1005.5
25°	755.3
27.5°	559.6
30°	411.0
32.5°	297.3
35°	213.8
37.5°	151.7
40°	106.2
42.5°	72.8
45°	51.6
47.5°	36.4
50°	27.3
52.5°	21.2
55°	18.2
57.5°	16.7
60°	13.6
62.5°	12.1
65°	12.1
67.5°	10.6
70°	9.1
72.5°	7.6
75°	6.1
77.5°	4.5
80°	3.0
82.5°	3.0
85°	1.5
87.5°	1.5



TEST NUMBER: P1265756

CATALOG NUMBER: P3A20R259730D010 E3DL1WMH

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)