

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: P1255431

Luminaire Tested: P3AS20R359035D010 E3DLP1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255431
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-17)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R359035D010 E3DLP1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 3500K CCT AND, 90CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

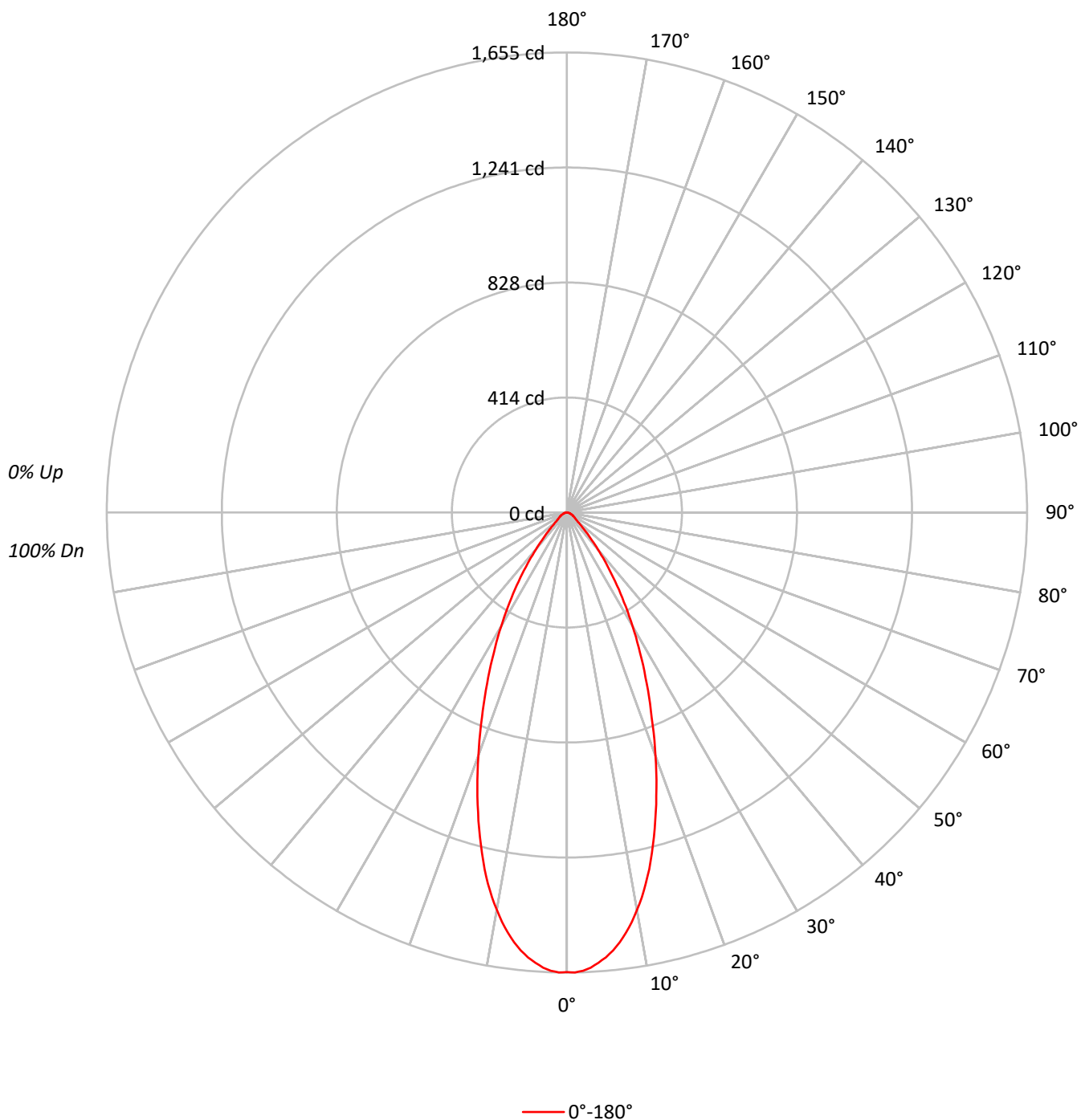
Lumens per Lamp: N/A
Luminaire Lumens: 1128.0 lumens
Efficiency: N/A
Efficacy: 39.2 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.72
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

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Luminous Intensity Polar Plot



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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	113	110	108	105	111	108	106	104	104	102	100		100	99	97		97
2	107	102	98	94	105	100	97	93	97	94	91		94	92	89		91
3	102	95	90	86	100	94	89	85	91	87	84		89	85	82		86
4	97	89	83	79	95	88	82	78	86	81	77		84	80	77		82
5	92	83	77	73	90	82	77	73	81	76	72		79	75	71		77
6	87	78	72	68	86	77	72	68	76	71	67		75	70	67		73
7	83	74	68	63	82	73	67	63	72	67	63		71	66	63		69
8	79	70	64	60	78	69	63	59	68	63	59		67	62	59		66
9	76	66	60	56	75	66	60	56	65	59	56		64	59	56		63
10	72	63	57	53	71	62	57	53	61	56	53		61	56	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	362581
5°	353642
10°	323307
15°	274417
20°	217229
25°	164308
30°	119613
35°	80897
40°	49722
45°	28561
50°	17193
55°	13954
60°	12192
65°	10792
70°	8912
75°	8811
80°	8713
85°	8806

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 28561 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	148.5	13.2
10°-20°	333.3	29.5
20°-30°	311.8	27.6
30°-40°	190.8	16.9
40°-50°	75.2	6.7
50°-60°	33.1	2.9
60°-70°	20.6	1.8
70°-80°	11.0	1.0
80°-90°	3.8	0.3
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°	793.5	70.3
0°-40°	984.3	87.3
0°-60°	1092.7	96.9
0°-90°	1128.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1128.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1654	
5°	1607	148
15°	1209	333
25°	679	312
35°	302	191
45°	92	75
55°	36	33
65°	21	21
75°	10	11
85°	4	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1653.5
1°	1655.2
2°	1650.0
3°	1639.6
4°	1623.9
5°	1606.6
6°	1584.0
7°	1557.9
8°	1526.7
9°	1491.9
10°	1452.0
11°	1410.3
12°	1365.1
13°	1316.5
14°	1262.7
15°	1208.8
17.5°	1069.9
20°	930.9
22.5°	797.2
25°	679.1
27.5°	569.7
30°	472.4
32.5°	382.1
35°	302.2
37.5°	231.0
40°	173.7
42.5°	125.1
45°	92.1
47.5°	66.0
50°	50.4
52.5°	41.7
55°	36.5
57.5°	31.3
60°	27.8
62.5°	24.3
65°	20.8
67.5°	17.4
70°	13.9
72.5°	12.2
75°	10.4
77.5°	8.7
80°	6.9
82.5°	5.2
85°	3.5
87.5°	1.7



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)