

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: P1258138

Luminaire Tested: P3AS20R359040D010 E3DLP1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1258138
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: P3AS20R359040D010 E3DLP1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 4000K CCT AND, 90CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

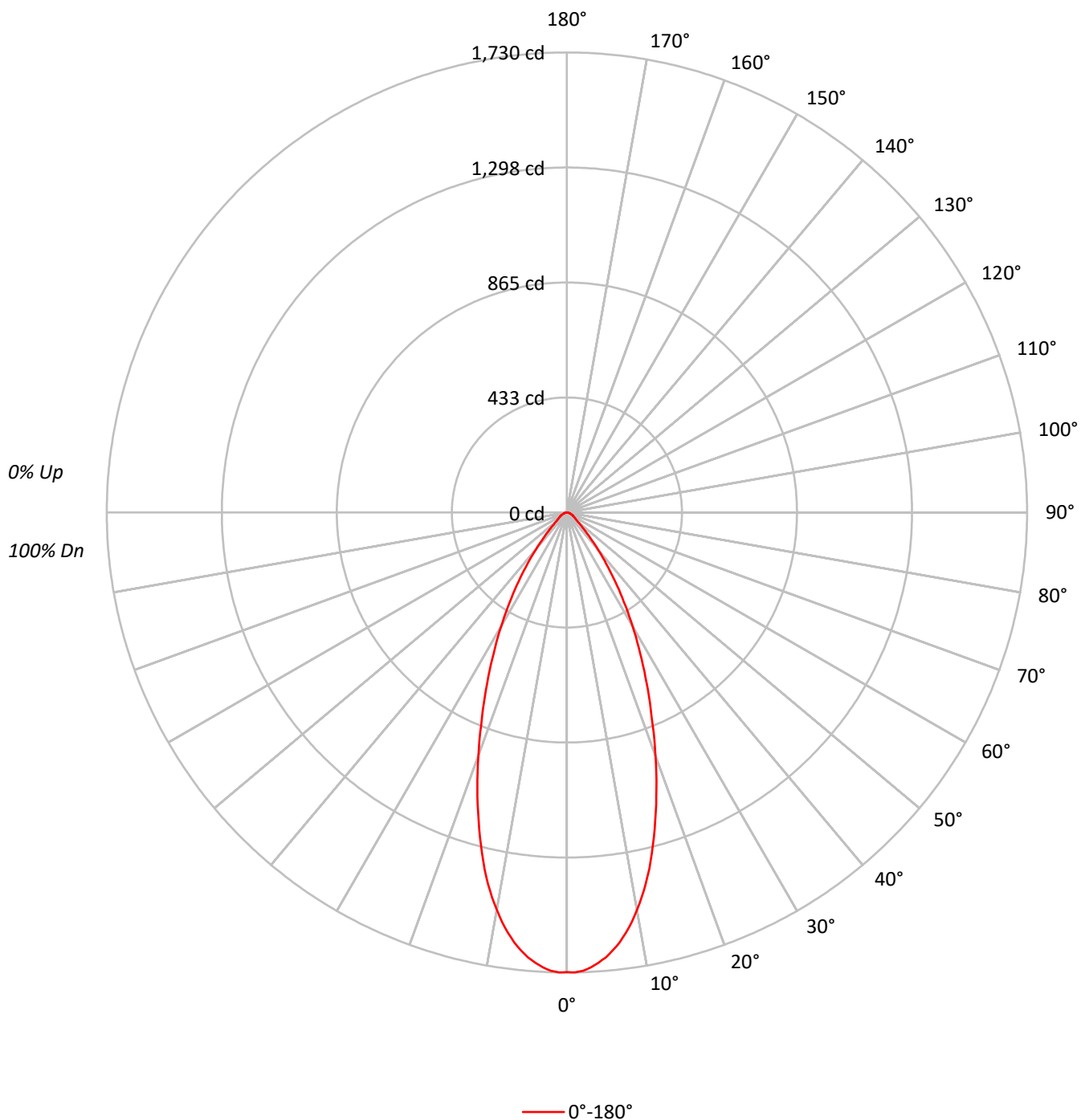
Lumens per Lamp: N/A
Luminaire Lumens: 1179.0 lumens
Efficiency: N/A
Efficacy: 40.9 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.72
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	378961
5°	369623
10°	337914
15°	286835
20°	227053
25°	171736
30°	125032
35°	84564
40°	51954
45°	29833
50°	17944
55°	14566
60°	12718
65°	11311
70°	9296
75°	9235
80°	9218
85°	9057

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 29833 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	155.2	13.2
10°-20°	348.3	29.5
20°-30°	325.8	27.6
30°-40°	199.4	16.9
40°-50°	78.6	6.7
50°-60°	34.6	2.9
60°-70°	21.5	1.8
70°-80°	11.5	1.0
80°-90°	3.9	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°	829.4	70.3
0°-40°	1028.8	87.3
0°-60°	1142.0	96.9
0°-90°	1179.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1179.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1728	
5°	1679	155
15°	1264	348
25°	710	326
35°	316	199
45°	96	79
55°	38	35
65°	22	22
75°	11	12
85°	4	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1728.2
1°	1730.0
2°	1724.6
3°	1713.7
4°	1697.3
5°	1679.2
6°	1655.6
7°	1628.4
8°	1595.7
9°	1559.4
10°	1517.6
11°	1474.1
12°	1426.9
13°	1376.0
14°	1319.8
15°	1263.5
17.5°	1118.3
20°	973.0
22.5°	833.2
25°	709.8
27.5°	595.4
30°	493.8
32.5°	399.4
35°	315.9
37.5°	241.4
40°	181.5
42.5°	130.7
45°	96.2
47.5°	69.0
50°	52.6
52.5°	43.6
55°	38.1
57.5°	32.7
60°	29.0
62.5°	25.4
65°	21.8
67.5°	18.2
70°	14.5
72.5°	12.7
75°	10.9
77.5°	9.1
80°	7.3
82.5°	5.4
85°	3.6
87.5°	1.8



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)