

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: P1247789

Luminaire Tested: P3A20R609024D010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1247789
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-39)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A20R609024D010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R60 optic, 2400K CCT AND, 90CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

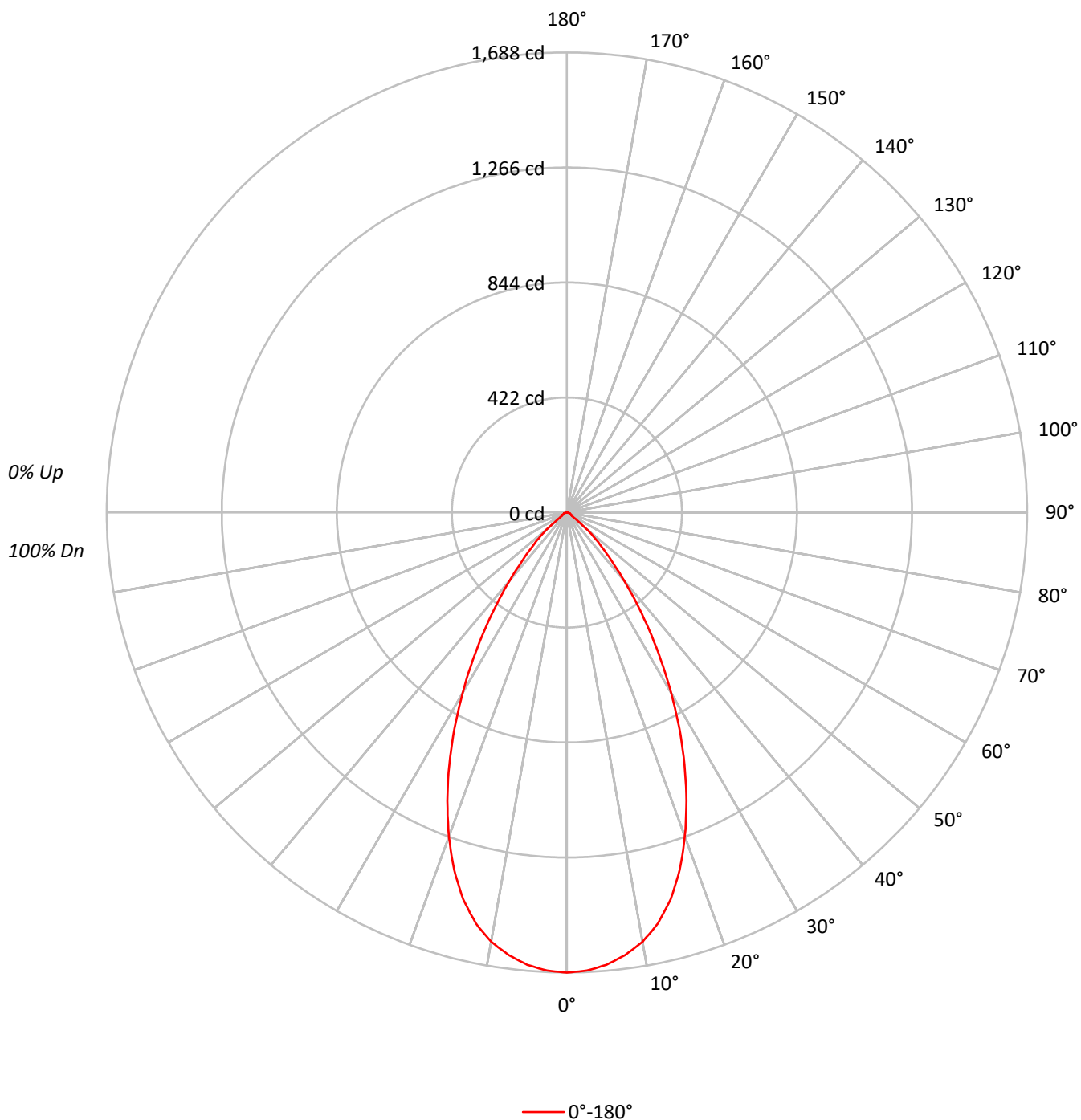
Lumens per Lamp: N/A
Luminaire Lumens: 1568.0 lumens
Efficiency: N/A
Efficacy: 54.4 lumens/watt
Spacing Criteria (0/90/45): 0.87 / 0.87 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	103	104	102	100		100	99	97		97
2	107	102	98	94	105	100	96	93	97	94	91		94	91	89		91
3	101	95	89	85	99	93	88	84	91	86	83		88	85	82		86
4	96	88	82	78	94	87	81	77	85	80	76		83	79	75		81
5	91	82	76	71	89	81	75	71	79	74	70		78	73	70		76
6	86	77	70	66	84	76	70	66	74	69	65		73	68	65		72
7	82	72	66	61	80	71	65	61	70	65	61		69	64	60		67
8	77	68	61	57	76	67	61	57	66	60	57		65	60	56		64
9	74	64	57	53	72	63	57	53	62	57	53		61	56	53		60
10	70	60	54	50	69	60	54	50	59	53	50		58	53	50		57

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	370255
5°	366739
10°	356061
15°	333577
20°	295262
25°	247006
30°	193574
35°	140431
40°	93432
45°	58239
50°	31521
55°	9099
60°	8508
65°	7731
70°	7629
75°	7540
80°	7577
85°	7548

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 58239 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	156.9	10.0
10°-20°	407.7	26.0
20°-30°	464.7	29.6
30°-40°	329.5	21.0
40°-50°	149.5	9.5
50°-60°	31.7	2.0
60°-70°	15.3	1.0
70°-80°	9.4	0.6
80°-90°	3.3	0.2
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°	1029.2	65.6
0°-40°	1358.8	86.7
0°-60°	1540.0	98.2
0°-90°	1568.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1568.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1688	
5°	1666	157
15°	1469	408
25°	1021	465
35°	525	330
45°	188	150
55°	24	32
65°	15	15
75°	9	9
85°	3	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	1688.5
2.5°	1682.5
5°	1666.1
7.5°	1637.8
10°	1599.1
12.5°	1543.9
15°	1469.4
17.5°	1375.5
20°	1265.3
22.5°	1146.0
25°	1020.9
27.5°	892.7
30°	764.5
32.5°	642.3
35°	524.6
37.5°	420.3
40°	326.4
42.5°	247.4
45°	187.8
47.5°	140.1
50°	92.4
52.5°	43.2
55°	23.8
57.5°	20.9
60°	19.4
62.5°	17.9
65°	14.9
67.5°	13.4
70°	11.9
72.5°	10.4
75°	8.9
77.5°	7.5
80°	6.0
82.5°	4.5
85°	3.0
87.5°	1.5
90°	0.0

(END OF REPORT)