

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: P1255916

Luminaire Tested: P3A24R609035D010 E3DLD1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255916
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-38)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A24R609035D010 E3DLD1WMH
Description: 3in Adjustable LED luminaire with, R60 optic, 3500K CCT AND, 90CRI , E3DLD1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

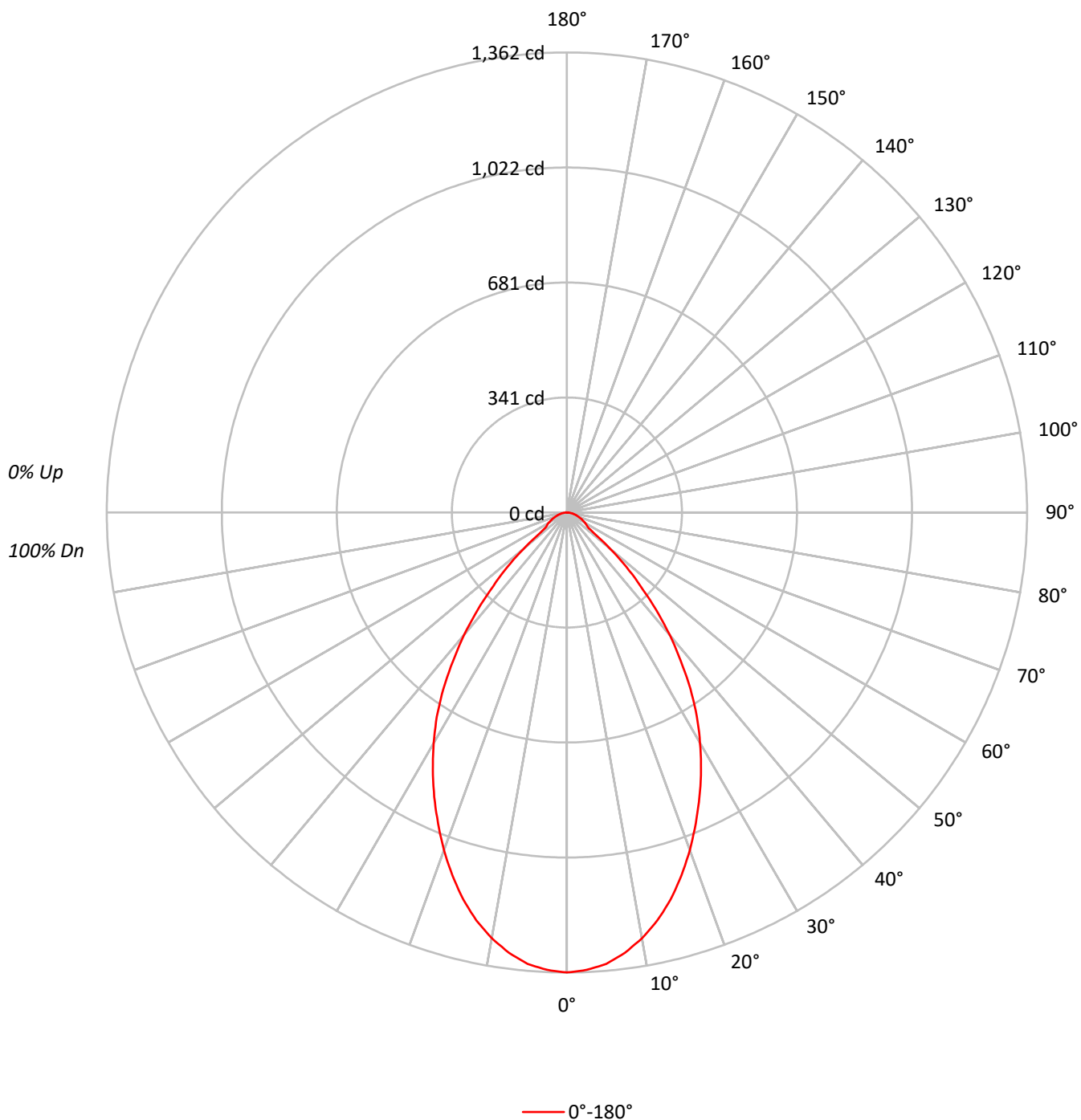
Lumens per Lamp: N/A
Luminaire Lumens: 1681.9 lumens
Efficiency: N/A
Efficacy: 58.4 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	112	109	106	103	110	107	104	101	102	100	98		99	97	95		95
2	105	99	94	90	103	97	93	89	94	90	87		91	88	85		88
3	99	91	85	80	96	89	84	79	87	82	78		84	80	77		82
4	92	83	77	72	90	82	76	71	80	75	70		78	73	70		76
5	87	77	70	65	85	76	69	65	74	68	64		72	67	63		71
6	82	71	64	59	80	70	64	59	69	63	58		67	62	58		66
7	77	66	59	54	75	65	59	54	64	58	54		63	57	53		61
8	72	61	55	50	71	61	54	50	60	54	49		59	53	49		58
9	68	57	51	46	67	57	50	46	56	50	46		55	49	46		54
10	65	54	47	43	64	53	47	43	52	47	43		52	46	42		51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	298573
5°	295223
10°	285009
15°	269264
20°	248195
25°	224747
30°	199524
35°	170493
40°	135568
45°	95607
50°	57107
55°	28864
60°	27761
65°	25424
70°	23530
75°	22452
80°	20583
85°	15347

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 95607 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	126.0	7.5
10°-20°	331.5	19.7
20°-30°	425.6	25.3
30°-40°	394.6	23.5
40°-50°	240.2	14.3
50°-60°	80.0	4.8
60°-70°	48.7	2.9
70°-80°	27.4	1.6
80°-90°	7.8	0.5
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°	883.1	52.5
0°-40°	1277.7	76.0
0°-60°	1598.0	95.0
0°-90°	1681.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1681.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1362	
5°	1341	126
15°	1186	331
25°	929	426
35°	637	395
45°	308	240
55°	76	80
65°	49	49
75°	26	27
85°	6	8
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1361.6
2.5°	1355.5
5°	1341.2
7.5°	1314.7
10°	1280.0
12.5°	1237.1
15°	1186.1
17.5°	1126.9
20°	1063.6
22.5°	996.2
25°	928.9
27.5°	859.4
30°	788.0
32.5°	716.5
35°	636.9
37.5°	553.2
40°	473.6
42.5°	389.9
45°	308.3
47.5°	238.8
50°	167.4
52.5°	100.0
55°	75.5
57.5°	69.4
60°	63.3
62.5°	55.1
65°	49.0
67.5°	42.9
70°	36.7
72.5°	30.6
75°	26.5
77.5°	20.4
80°	16.3
82.5°	10.2
85°	6.1
87.5°	4.1
90°	0.0

(END OF REPORT)