

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: P1247644

Luminaire Tested: P3A20R359024D010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1247644
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: P3A20R359024D010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R35 optic, 2400K CCT AND, 90CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

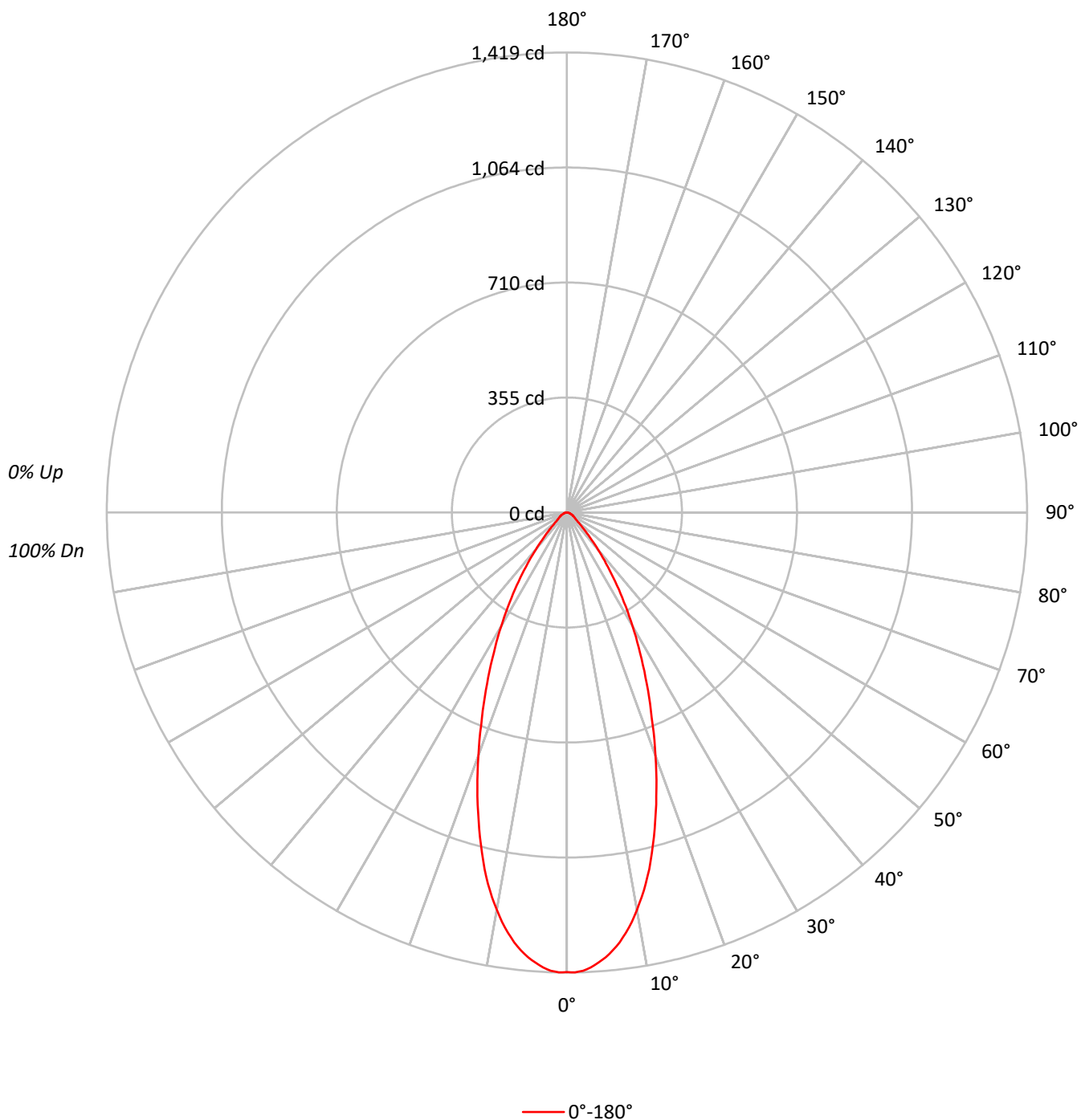
Lumens per Lamp: N/A
Luminaire Lumens: 967.0 lumens
Efficiency: N/A
Efficacy: 33.6 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.72
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	310830
5°	303169
10°	277149
15°	235257
20°	186240
25°	140863
30°	102547
35°	69359
40°	42623
45°	24468
50°	14737
55°	11966
60°	10438
65°	9288
70°	7629
75°	7540
80°	7577
85°	7548

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 24468 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	127.3	13.2
10°-20°	285.7	29.5
20°-30°	267.3	27.6
30°-40°	163.6	16.9
40°-50°	64.5	6.7
50°-60°	28.4	2.9
60°-70°	17.7	1.8
70°-80°	9.4	1.0
80°-90°	3.3	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°	680.2	70.3
0°-40°	843.8	87.3
0°-60°	936.7	96.9
0°-90°	967.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	967.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1418	
5°	1377	127
15°	1036	286
25°	582	267
35°	259	164
45°	79	64
55°	31	28
65°	18	18
75°	9	9
85°	3	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1417.5
1°	1418.9
2°	1414.5
3°	1405.5
4°	1392.1
5°	1377.3
6°	1357.9
7°	1335.6
8°	1308.8
9°	1279.0
10°	1244.7
11°	1209.0
12°	1170.3
13°	1128.6
14°	1082.4
15°	1036.3
17.5°	917.2
20°	798.1
22.5°	683.4
25°	582.2
27.5°	488.4
30°	405.0
32.5°	327.6
35°	259.1
37.5°	198.0
40°	148.9
42.5°	107.2
45°	78.9
47.5°	56.6
50°	43.2
52.5°	35.7
55°	31.3
57.5°	26.8
60°	23.8
62.5°	20.8
65°	17.9
67.5°	14.9
70°	11.9
72.5°	10.4
75°	8.9
77.5°	7.4
80°	6.0
82.5°	4.5
85°	3.0
87.5°	1.5



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)