

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: P1268135

Luminaire Tested: P3A20R259735D010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1268135
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-11)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A20R259735D010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 97CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

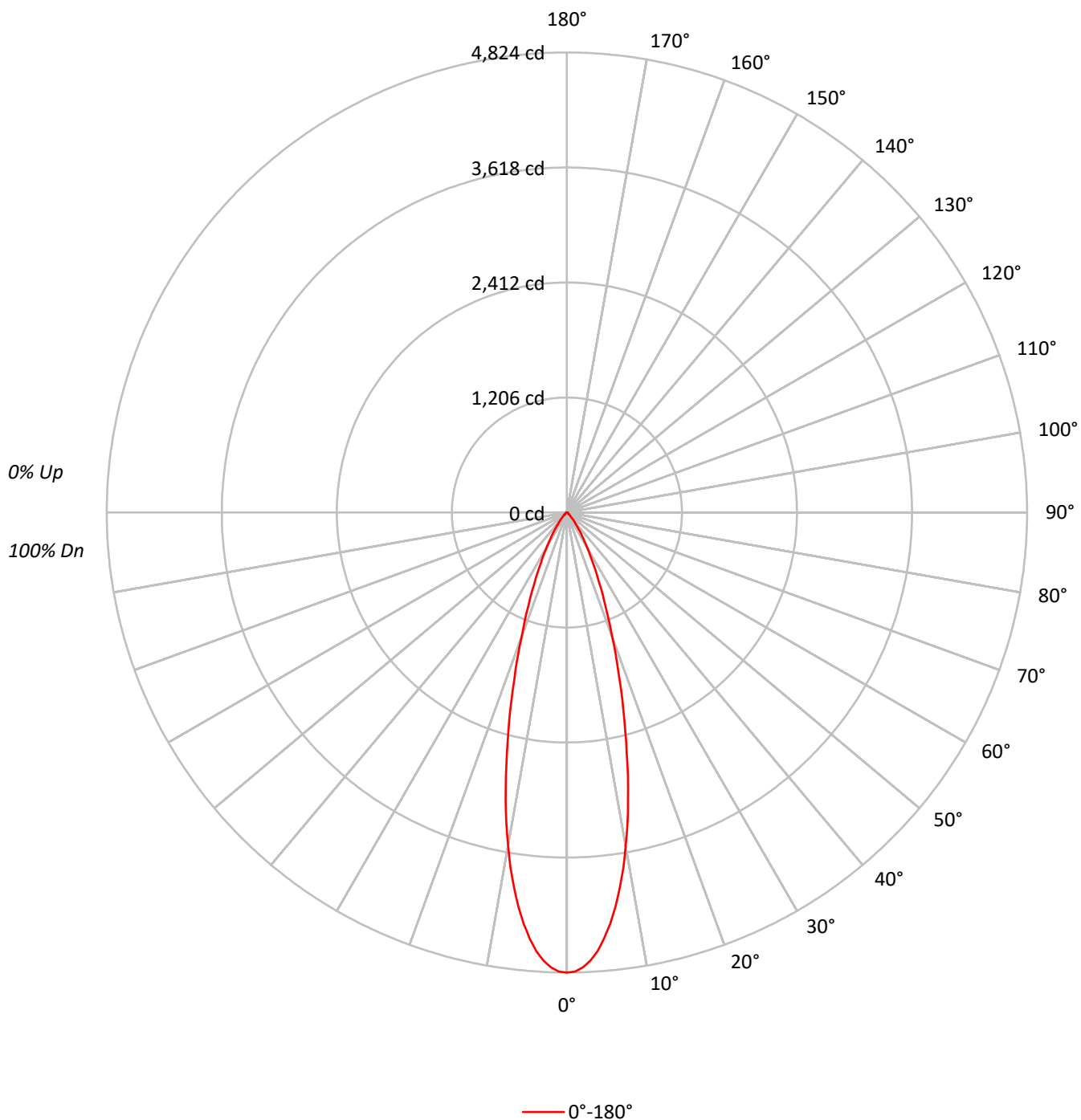
Lumens per Lamp: N/A
Luminaire Lumens: 1649.0 lumens
Efficiency: N/A
Efficacy: 57.3 lumens/watt
Spacing Criteria (0/90/45): 0.49 / 0.49 / 0.51
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	114	112	110	108	112	110	108	106	106	104	103		102	101	100		99
2	110	105	102	99	107	104	101	98	101	98	96		98	96	94		95
3	105	100	96	92	103	98	95	91	96	93	90		94	91	89		91
4	101	95	90	87	99	94	89	86	92	88	85		90	87	84		88
5	97	90	85	82	96	89	85	81	88	84	81		86	83	80		85
6	94	86	81	78	92	86	81	78	84	80	77		83	79	77		82
7	90	83	78	74	89	82	77	74	81	77	74		80	76	73		79
8	87	79	74	71	86	79	74	71	78	74	71		77	73	70		76
9	84	76	71	68	83	76	71	68	75	71	68		74	70	68		73
10	81	73	69	65	80	73	68	65	72	68	65		72	68	65		71

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1057766
5°	986878
10°	790567
15°	536621
20°	324712
25°	189882
30°	108143
35°	59481
40°	31573
45°	16622
50°	9688
55°	7226
60°	6228
65°	6538
70°	6091
75°	5338
80°	4041
85°	4026

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 16622 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	397.9	24.1
10°-20°	649.9	39.4
20°-30°	371.4	22.5
30°-40°	146.5	8.9
40°-50°	44.9	2.7
50°-60°	17.7	1.1
60°-70°	11.9	0.7
70°-80°	6.7	0.4
80°-90°	2.2	0.1
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°	1419.1	86.1
0°-40°	1565.6	94.9
0°-60°	1628.3	98.7
0°-90°	1649.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1649.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	4824	
5°	4483	398
15°	2364	650
25°	785	371
35°	222	147
45°	54	45
55°	19	18
65°	13	12
75°	6	7
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	4823.8
1°	4814.4
2°	4775.0
3°	4705.6
4°	4609.5
5°	4483.4
6°	4335.3
7°	4168.3
8°	3974.4
9°	3775.9
10°	3550.5
11°	3328.3
12°	3084.0
13°	2842.9
14°	2595.5
15°	2363.8
17.5°	1832.8
20°	1391.5
22.5°	1044.8
25°	784.8
27.5°	581.5
30°	427.1
32.5°	308.9
35°	222.2
37.5°	157.6
40°	110.3
42.5°	75.6
45°	53.6
47.5°	37.8
50°	28.4
52.5°	22.1
55°	18.9
57.5°	17.3
60°	14.2
62.5°	12.6
65°	12.6
67.5°	11.0
70°	9.5
72.5°	7.9
75°	6.3
77.5°	4.7
80°	3.2
82.5°	3.2
85°	1.6
87.5°	1.6



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)