

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: P1253372

Luminaire Tested: P3AS02R129035DE010 E3DLP1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1253372
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-1)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R129035DE010 E3DLP1WMH
Description: 3in Adjustable LED luminaire with, R12 optic, 3500K CCT AND, 90CRI , E3DLP1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

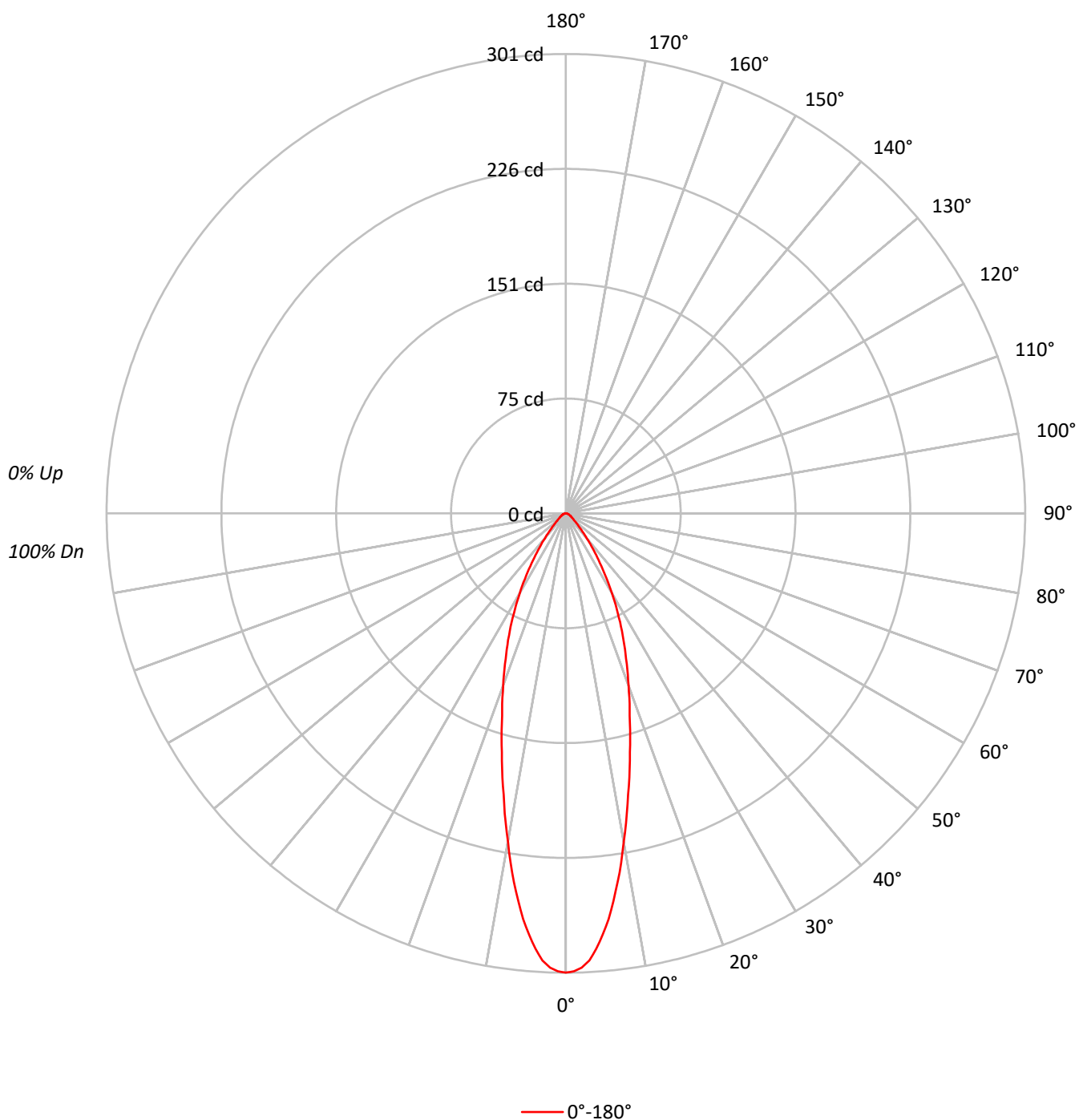
Lumens per Lamp: N/A
Luminaire Lumens: 153.0 lumens
Efficiency: N/A
Efficacy: 41.3 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.61
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.7
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

TEST NUMBER: P1253372

CATALOG NUMBER: P3AS02R129035DE010 E3DLP1WMH

Luminous Intensity Polar Plot



TEST NUMBER: P1253372

CATALOG NUMBER: P3AS02R129035DE010 E3DLP1WMH

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20				
RC	80				70				50				30				10				0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0			
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100			
1	113	110	108	106	111	108	106	104	104	102	101	100	99	98	97	96	95	93			
2	108	103	99	95	105	101	97	94	98	95	92	95	92	90	92	90	88	86			
3	102	96	91	87	100	94	90	86	92	88	85	89	86	83	87	84	82	80			
4	97	90	84	80	95	89	83	79	86	82	78	84	81	78	82	79	77	75			
5	93	84	78	74	91	83	78	74	81	77	73	80	76	73	78	75	72	70			
6	88	79	73	69	87	79	73	69	77	72	69	76	71	68	74	71	68	66			
7	84	75	69	65	83	74	69	65	73	68	65	72	67	64	71	67	64	62			
8	80	71	65	61	79	71	65	61	69	64	61	68	64	61	68	63	60	59			
9	77	68	62	58	76	67	62	58	66	61	58	65	61	57	64	60	57	56			
10	74	64	59	55	73	64	59	55	63	58	55	62	58	55	62	57	54	53			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	65982
5°	60973
10°	48674
15°	36777
20°	28002
25°	21340
30°	15293
35°	9985
40°	6126
45°	3690
50°	2456
55°	1912
60°	1623
65°	1401
70°	1282
75°	1271
80°	884
85°	503

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 3690 cd/sqm

TEST NUMBER: P1253372

CATALOG NUMBER: P3AS02R129035DE010 E3DLP1WMH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	24.5	16.0
10°-20°	45.3	29.6
20°-30°	40.3	26.4
30°-40°	23.9	15.6
40°-50°	9.8	6.4
50°-60°	4.6	3.0
60°-70°	2.8	1.8
70°-80°	1.5	1.0
80°-90°	0.3	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°	110.1	72.0
0°-40°	134.0	87.6
0°-60°	148.4	97.0
0°-90°	153.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	153.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	301	
5°	277	25
15°	162	45
25°	88	40
35°	37	24
45°	12	10
55°	5	5
65°	3	3
75°	2	1
85°	0	0
90°	0	

TEST NUMBER: P1253372

CATALOG NUMBER: P3AS02R129035DE010 E3DLP1WMH

CANDELA DISTRIBUTION (FULL):

0°	
0°	300.9
1°	300.1
2°	297.9
3°	293.4
4°	286.0
5°	277.0
6°	267.3
7°	255.9
8°	244.0
9°	231.8
10°	218.6
12.5°	188.6
15°	162.0
17.5°	139.1
20°	120.0
22.5°	103.1
25°	88.2
27.5°	73.8
30°	60.4
32.5°	48.2
35°	37.3
37.5°	28.6
40°	21.4
42.5°	15.9
45°	11.9
47.5°	9.2
50°	7.2
52.5°	6.0
55°	5.0
57.5°	4.2
60°	3.7
62.5°	3.2
65°	2.7
67.5°	2.5
70°	2.0
72.5°	1.7
75°	1.5
77.5°	1.0
80°	0.7
82.5°	0.5
85°	0.2
87.5°	0.2
90°	0.0

(END OF REPORT)