

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: P1286120

Luminaire Tested: P3AS02R359030D2WDE010 E3D1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1286120
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-20)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R359030D2WDE010 E3D1MW
Description: 3in Adjustable Dim to Warm LED luminaire with, R35 optic, 3000K CCT AND, 90CRI , E3D1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

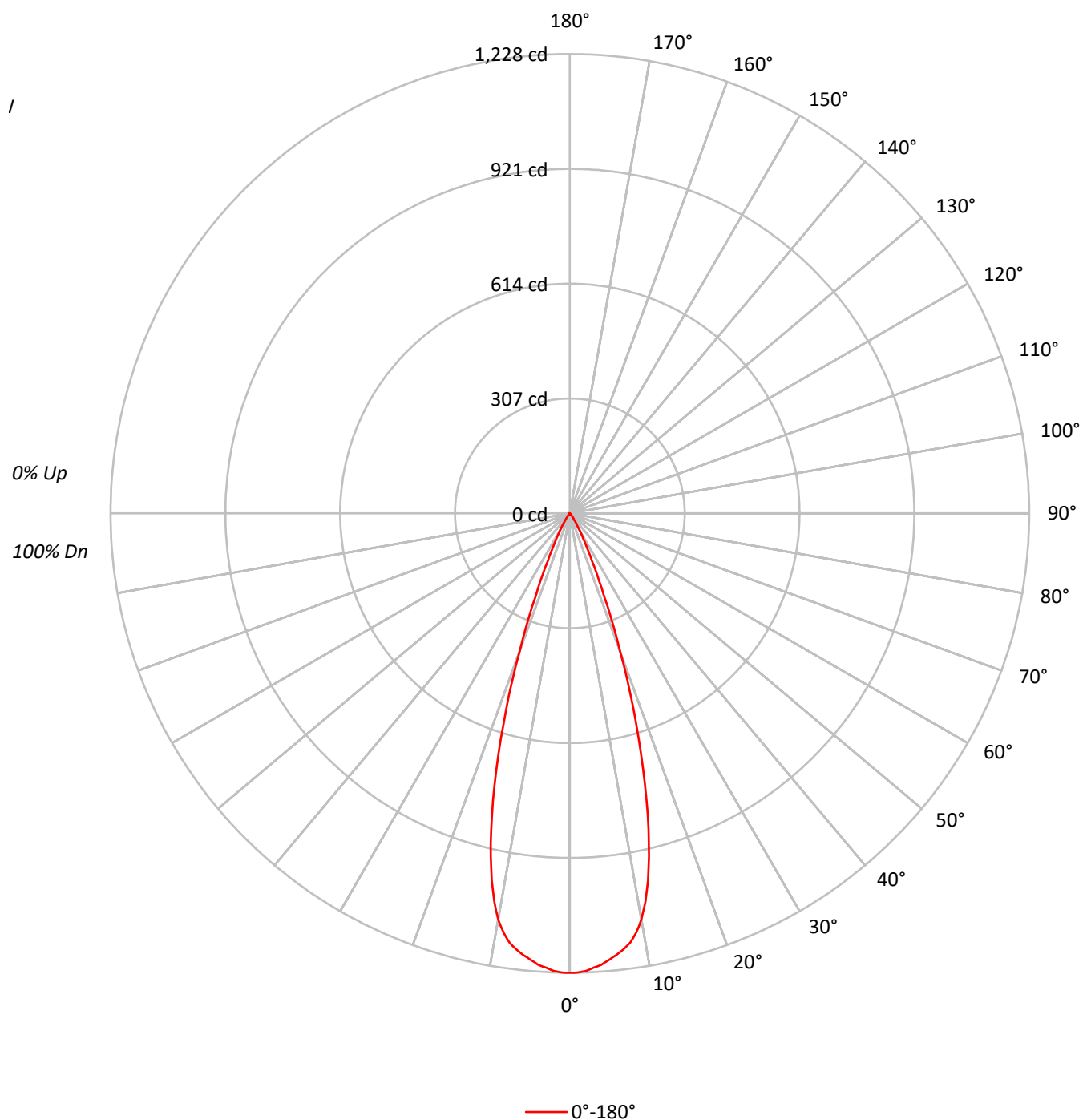
Lumens per Lamp: N/A
Luminaire Lumens: 413.1 lumens
Efficiency: N/A
Efficacy: 57.4 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.52
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
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: P1286120

CATALOG NUMBER: P3AS02R359030D2WDE010 E3D1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1286120

CATALOG NUMBER: P3AS02R359030D2WDE010 E3D1MW

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	115	113	111	109	112	110	109	107	106	105	104		103	102	101		99	99	98	96
2	111	107	104	101	109	105	103	100	102	100	98		99	98	96		97	95	94	93
3	107	102	98	95	105	101	97	95	98	96	93		96	94	92		94	92	90	89
4	104	98	94	91	102	97	93	90	95	92	89		93	90	88		91	89	87	86
5	100	94	90	87	99	93	89	86	92	88	86		90	87	85		89	86	84	83
6	97	91	86	83	96	90	86	83	89	85	82		87	84	82		86	83	81	80
7	94	87	83	80	93	87	83	80	86	82	79		85	81	79		84	81	79	77
8	91	84	80	77	90	84	80	77	83	79	77		82	79	76		81	78	76	75
9	89	82	77	74	88	81	77	74	80	77	74		80	76	74		79	76	74	73
10	86	79	75	72	85	79	75	72	78	74	72		77	74	72		77	74	71	70

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	269299
5°	263812
10°	245442
15°	179933
20°	92128
25°	33220
30°	12939
35°	4524
40°	1861
45°	496
50°	443
55°	497
60°	439
65°	363
70°	449
75°	593
80°	379
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 75°

Luminance: 593 cd/sqm

TEST NUMBER: P1286120

CATALOG NUMBER: P3AS02R359030D2WDE010 E3D1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	111.7	27.0
10°-20°	209.6	50.8
20°-30°	74.2	18.0
30°-40°	13.0	3.1
40°-50°	1.9	0.5
50°-60°	1.1	0.3
60°-70°	0.8	0.2
70°-80°	0.6	0.1
80°-90°	0.1	0.0
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°	395.6	95.8
0°-40°	408.6	98.9
0°-60°	411.6	99.6
0°-90°	413.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	413.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1228	
5°	1198	112
15°	793	210
25°	137	74
35°	17	13
45°	2	2
55°	1	1
65°	1	1
75°	1	1
85°	0	0
90°	0	

TEST NUMBER: P1286120

CATALOG NUMBER: P3AS02R359030D2WDE010 E3D1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	1228.1
1°	1227.8
2°	1223.9
3°	1216.4
4°	1209.6
5°	1198.5
6°	1187.1
7°	1174.5
8°	1158.8
9°	1134.5
10°	1102.3
11°	1057.7
12°	1004.0
13°	940.3
14°	870.0
15°	792.6
17.5°	590.3
20°	394.8
22.5°	238.1
25°	137.3
27.5°	82.0
30°	51.1
32.5°	29.6
35°	16.9
37.5°	10.7
40°	6.5
42.5°	3.3
45°	1.6
47.5°	1.3
50°	1.3
52.5°	1.3
55°	1.3
57.5°	1.0
60°	1.0
62.5°	1.0
65°	0.7
67.5°	0.7
70°	0.7
72.5°	0.7
75°	0.7
77.5°	0.3
80°	0.3
82.5°	0.3
85°	0.0
87.5°	0.0



TEST NUMBER: P1286120

CATALOG NUMBER: P3AS02R359030D2WDE010 E3D1MW

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)