

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: P1258816

Luminaire Tested: P3AS02R259050DE010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1258816
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: P3AS02R259050DE010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R25 optic, 5000K CCT AND, 90CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

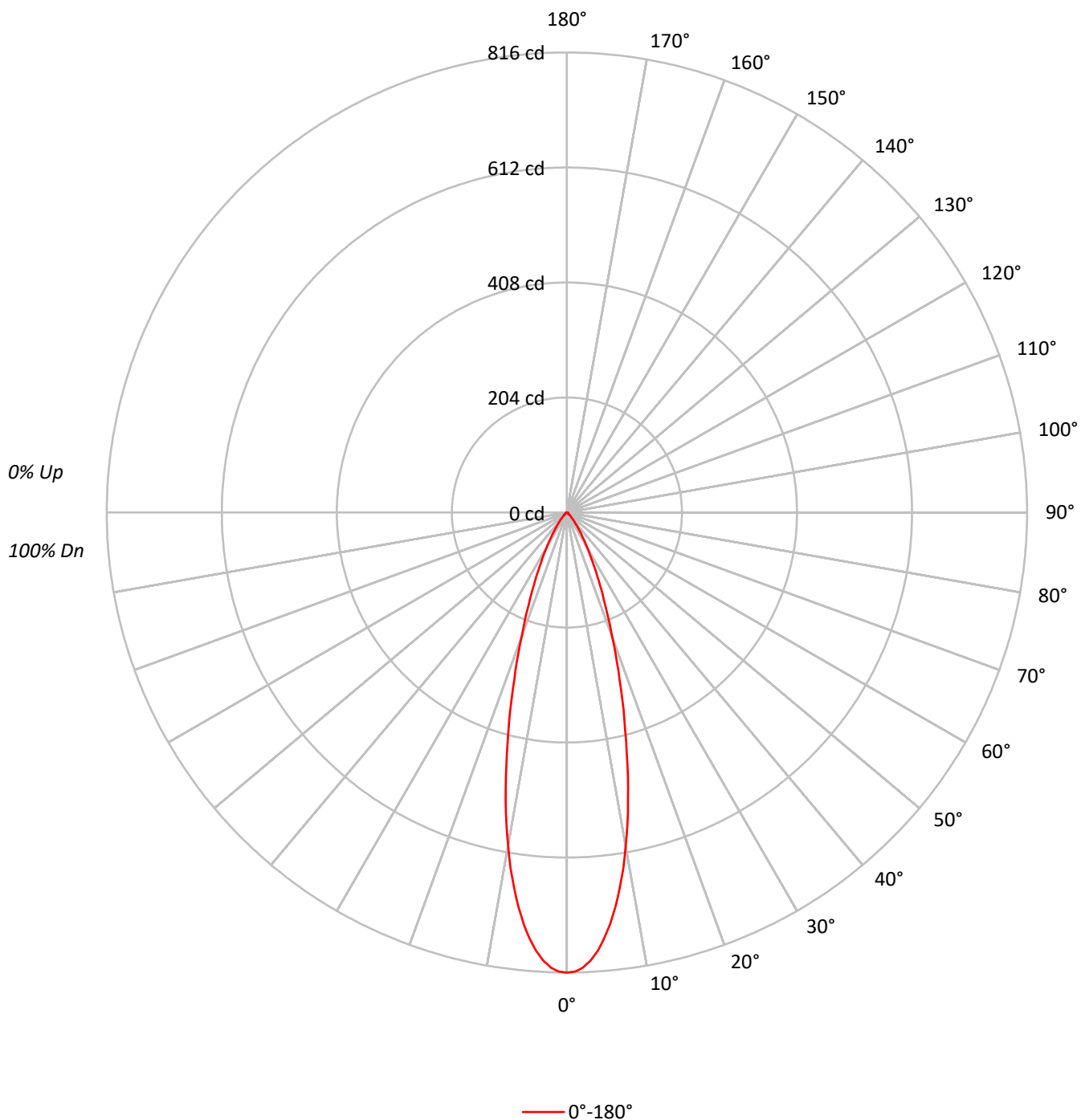
Lumens per Lamp: N/A
Luminaire Lumens: 279.0 lumens
Efficiency: N/A
Efficacy: 77.5 lumens/watt
Spacing Criteria (0/90/45): 0.49 / 0.49 / 0.51
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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: P1258816

CATALOG NUMBER: P3AS02R259050DE010 E3DL1WMH

Luminous Intensity Polar Plot



TEST NUMBER: P1258816

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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	30	10
RCR																					
0	119	119	119	119		116	116	116	116		111	111	111		106	106	106		102	102	102
1	114	112	110	108		112	110	108	106		106	104	103		102	101	100		99	98	97
2	110	105	102	99		107	104	101	98		101	98	96		98	96	94		95	93	92
3	105	100	96	92		103	98	95	91		96	93	90		94	91	89		91	89	87
4	101	95	90	87		99	94	89	86		92	88	85		90	87	84		88	85	83
5	97	90	85	82		96	89	85	81		88	84	81		86	83	80		85	82	79
6	94	86	81	78		92	86	81	78		84	80	77		83	79	77		82	78	76
7	90	83	78	74		89	82	77	74		81	77	74		80	76	73		79	75	73
8	87	79	74	71		86	79	74	71		78	74	71		77	73	70		76	73	70
9	84	76	71	68		83	76	71	68		75	71	68		74	70	68		73	70	67
10	81	73	69	65		80	73	68	65		72	68	65		72	68	65		71	67	65

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	178977
5°	166982
10°	133754
15°	90784
20°	54931
25°	32131
30°	18307
35°	10065
40°	5353
45°	2822
50°	1637
55°	1223
60°	1053
65°	1090
70°	1026
75°	932
80°	631
85°	755

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 2822 cd/sqm

TEST NUMBER: P1258816

CATALOG NUMBER: P3AS02R259050DE010 E3DL1WMH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	67.3	24.1
10°-20°	110.0	39.4
20°-30°	62.8	22.5
30°-40°	24.8	8.9
40°-50°	7.6	2.7
50°-60°	3.0	1.1
60°-70°	2.0	0.7
70°-80°	1.1	0.4
80°-90°	0.4	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°	240.1	86.1
0°-40°	264.9	94.9
0°-60°	275.5	98.7
0°-90°	279.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	279.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	816	
5°	759	67
15°	400	110
25°	133	63
35°	38	25
45°	9	8
55°	3	3
65°	2	2
75°	1	1
85°	0	0
90°	0	

TEST NUMBER: P1258816

CATALOG NUMBER: P3AS02R259050DE010 E3DL1WMH

CANDELA DISTRIBUTION (FULL):

0°	
0°	816.2
1°	814.6
2°	807.9
3°	796.2
4°	779.9
5°	758.6
6°	733.5
7°	705.2
8°	672.4
9°	638.8
10°	600.7
11°	563.1
12°	521.8
13°	481.0
14°	439.1
15°	399.9
17.5°	310.1
20°	235.4
22.5°	176.8
25°	132.8
27.5°	98.4
30°	72.3
32.5°	52.3
35°	37.6
37.5°	26.7
40°	18.7
42.5°	12.8
45°	9.1
47.5°	6.4
50°	4.8
52.5°	3.7
55°	3.2
57.5°	2.9
60°	2.4
62.5°	2.1
65°	2.1
67.5°	1.9
70°	1.6
72.5°	1.3
75°	1.1
77.5°	0.8
80°	0.5
82.5°	0.5
85°	0.3
87.5°	0.3



TEST NUMBER: P1258816

CATALOG NUMBER: P3AS02R259050DE010 E3DL1WMH

CANDELA DISTRIBUTION (continued):



(END OF REPORT)