

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: P1275431

Luminaire Tested: P3AS05R359835DE010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1275431
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-19)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R359835DE010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R35 optic, 3500K CCT AND, 98CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

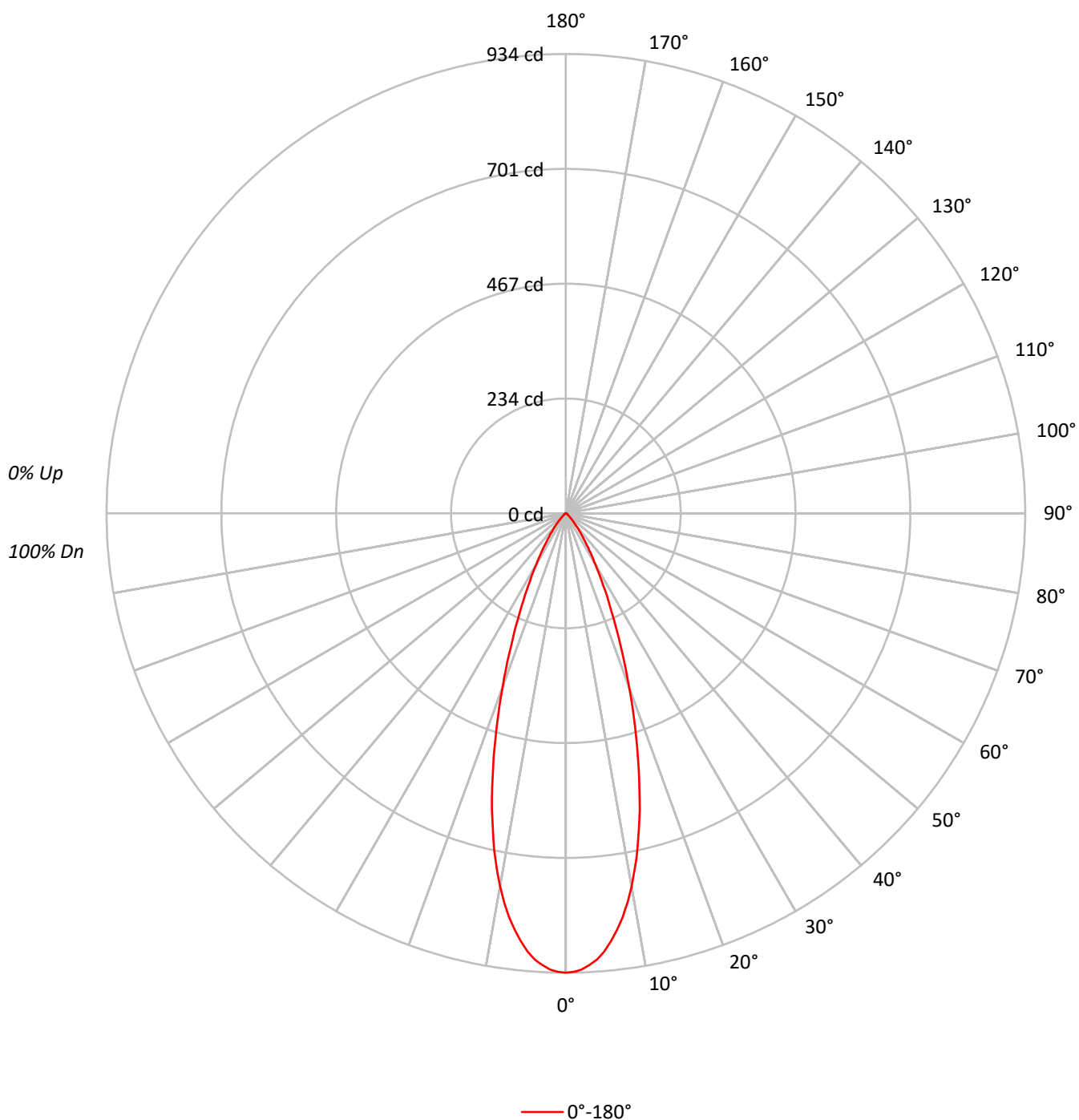
Lumens per Lamp: N/A
Luminaire Lumens: 406.0 lumens
Efficiency: N/A
Efficacy: 56.4 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.58
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1275431

CATALOG NUMBER: P3AS05R359835DE010 E3DL1WMH

Luminous Intensity Polar Plot



TEST NUMBER: P1275431

CATALOG NUMBER: P3AS05R359835DE010 E3DL1WMH

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	109	107	112	109	107	106	105	104	102		102	100	99		98
2	109	105	101	98	107	103	100	97	100	97	95		97	95	93		94
3	105	99	95	91	103	98	94	90	95	92	89		93	90	88		91
4	100	94	89	85	99	93	88	85	91	87	84		89	85	83		87
5	96	89	84	80	95	88	83	80	86	82	79		85	81	78		83
6	92	85	80	76	91	84	79	76	83	78	75		81	77	75		80
7	89	81	76	72	88	80	75	72	79	75	71		78	74	71		77
8	85	77	72	69	84	77	72	68	76	71	68		75	71	68		74
9	82	74	69	66	81	74	69	65	73	68	65		72	68	65		71
10	79	71	66	63	78	71	66	63	70	66	63		69	65	62		69

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	204764
5°	196786
10°	171473
15°	131329
20°	87858
25°	53156
30°	30511
35°	17052
40°	9074
45°	4683
50°	2252
55°	1759
60°	1710
65°	1401
70°	1475
75°	1271
80°	1515
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 4683 cd/sqm

TEST NUMBER: P1275431

CATALOG NUMBER: P3AS05R359835DE010 E3DL1WMH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	81.3	20.0
10°-20°	157.6	38.8
20°-30°	103.2	25.4
30°-40°	41.9	10.3
40°-50°	12.6	3.1
50°-60°	4.3	1.0
60°-70°	2.9	0.7
70°-80°	1.7	0.4
80°-90°	0.6	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°	342.2	84.3
0°-40°	384.0	94.6
0°-60°	400.8	98.7
0°-90°	406.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	406.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	934	
5°	894	81
15°	578	158
25°	220	103
35°	64	42
45°	15	13
55°	5	4
65°	3	3
75°	2	2
85°	0	1
90°	0	

TEST NUMBER: P1275431

CATALOG NUMBER: P3AS05R359835DE010 E3DL1WMH

CANDELA DISTRIBUTION (FULL):

0°	
0°	933.8
1°	932.3
2°	928.0
3°	919.5
4°	909.5
5°	894.0
6°	874.7
7°	853.1
8°	828.8
9°	801.0
10°	770.1
11°	735.7
12°	699.8
13°	659.6
14°	621.4
15°	578.5
17.5°	474.6
20°	376.5
22.5°	289.6
25°	219.7
27.5°	163.7
30°	120.5
32.5°	88.4
35°	63.7
37.5°	45.2
40°	31.7
42.5°	22.0
45°	15.1
47.5°	10.0
50°	6.6
52.5°	5.0
55°	4.6
57.5°	4.2
60°	3.9
62.5°	3.5
65°	2.7
67.5°	2.3
70°	2.3
72.5°	1.9
75°	1.5
77.5°	1.2
80°	1.2
82.5°	0.8
85°	0.4
87.5°	0.4



TEST NUMBER: P1275431

CATALOG NUMBER: P3AS05R359835DE010 E3DL1WMH

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)