

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: P1266827

Luminaire Tested: P3A05R609735DE010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1266827
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-39)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R609735DE010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R60 optic, 3500K CCT AND, 97CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

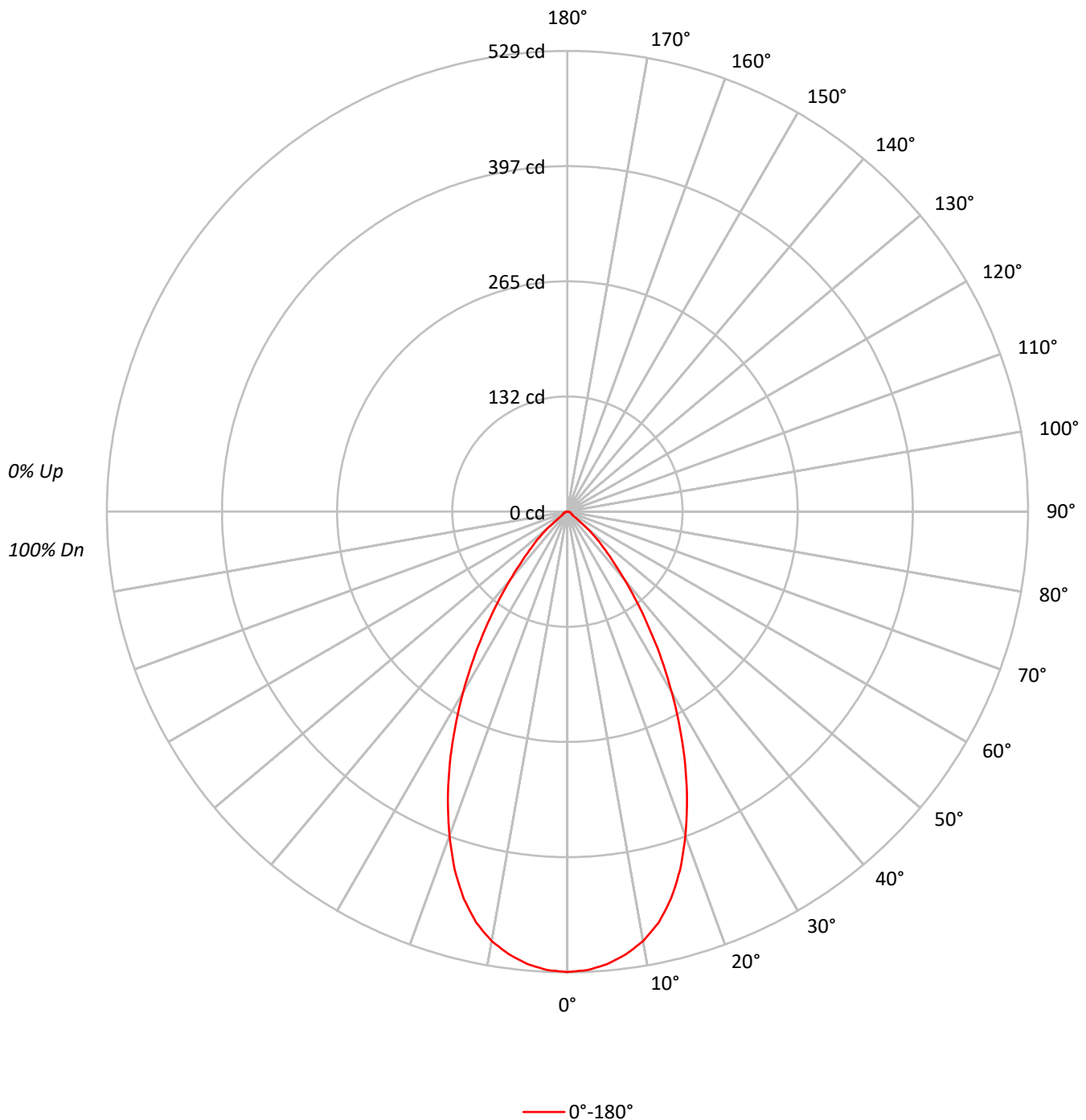
Lumens per Lamp: N/A
Luminaire Lumens: 491.0 lumens
Efficiency: N/A
Efficacy: 68.2 lumens/watt
Spacing Criteria (0/90/45): 0.87 / 0.87 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1266827

CATALOG NUMBER: P3A05R609735DE010 E3DL1WMH

Luminous Intensity Polar Plot



TEST NUMBER: P1266827

CATALOG NUMBER: P3A05R609735DE010 E3DL1WMH

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				0
RW	70	50	30	10	70	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		100
1	113	110	108	105	111	108	106	103	104	102	100		100	99	97		93
2	107	102	98	94	105	100	96	93	97	94	91		94	91	89		85
3	101	95	89	85	99	93	88	84	91	86	83		88	85	82		79
4	96	88	82	78	94	87	81	77	85	80	76		83	79	75		73
5	91	82	76	71	89	81	75	71	79	74	70		78	73	70		68
6	86	77	70	66	84	76	70	66	74	69	65		73	68	65		63
7	82	72	66	61	80	71	65	61	70	65	61		69	64	60		59
8	77	68	61	57	76	67	61	57	66	60	57		65	60	56		55
9	74	64	57	53	72	63	57	53	62	57	53		61	56	53		51
10	70	60	54	50	69	60	54	50	59	53	50		58	53	50		48

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	115934
5°	114836
10°	111488
15°	104450
20°	92455
25°	77351
30°	60617
35°	43982
40°	29255
45°	18234
50°	9859
55°	2867
60°	2675
65°	2439
70°	2372
75°	2372
80°	2399
85°	2264

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 18234 cd/sqm

TEST NUMBER: P1266827

CATALOG NUMBER: P3A05R609735DE010 E3DL1WMH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	49.1	10.0
10°-20°	127.7	26.0
20°-30°	145.5	29.6
30°-40°	103.2	21.0
40°-50°	46.8	9.5
50°-60°	9.9	2.0
60°-70°	4.8	1.0
70°-80°	3.0	0.6
80°-90°	1.0	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°	322.3	65.6
0°-40°	425.5	86.7
0°-60°	482.2	98.2
0°-90°	491.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	491.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	529	
5°	522	49
15°	460	128
25°	320	146
35°	164	103
45°	59	47
55°	8	10
65°	5	5
75°	3	3
85°	1	1
90°	0	

TEST NUMBER: P1266827

CATALOG NUMBER: P3A05R609735DE010 E3DL1WMH

CANDELA DISTRIBUTION (FULL):

0°	
0°	528.7
2.5°	526.9
5°	521.7
7.5°	512.9
10°	500.7
12.5°	483.5
15°	460.1
17.5°	430.7
20°	396.2
22.5°	358.9
25°	319.7
27.5°	279.5
30°	239.4
32.5°	201.1
35°	164.3
37.5°	131.6
40°	102.2
42.5°	77.5
45°	58.8
47.5°	43.9
50°	28.9
52.5°	13.5
55°	7.5
57.5°	6.5
60°	6.1
62.5°	5.6
65°	4.7
67.5°	4.2
70°	3.7
72.5°	3.3
75°	2.8
77.5°	2.3
80°	1.9
82.5°	1.4
85°	0.9
87.5°	0.5
90°	0.0

(END OF REPORT)