

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: P1287786

Luminaire Tested: P3A05R15W2N902750DE010 E3DL1LI_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1287786
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-3)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R15W2N902750DE010 E3DL1LI_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R15 optic, 5000K CCT AND, 90CRI ,
E3DL1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

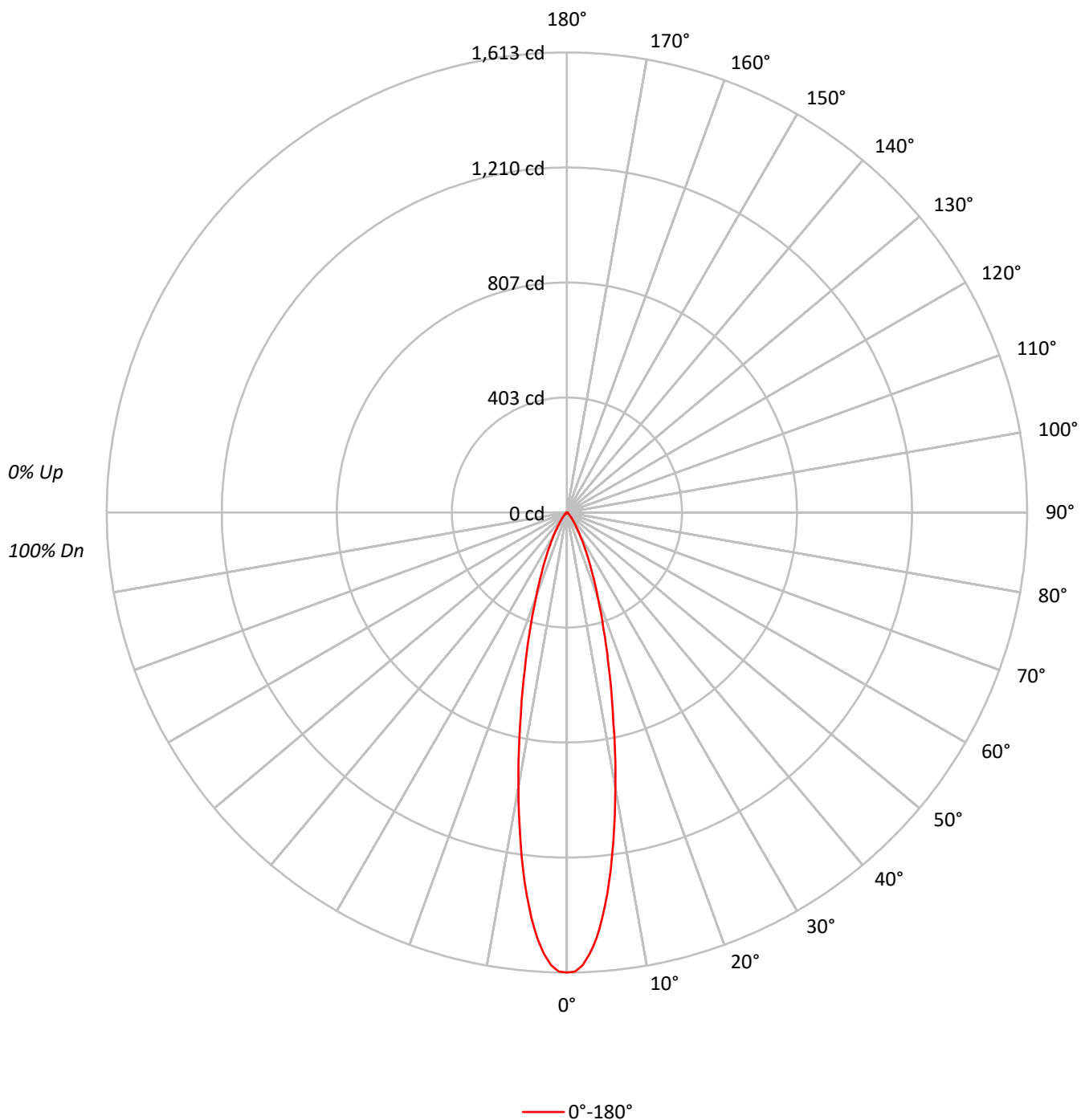
Lumens per Lamp: N/A
Luminaire Lumens: 414.0 lumens
Efficiency: N/A
Efficacy: 70.2 lumens/watt
Spacing Criteria (0/90/45): 0.4 / 0.4 / 0.43
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 5.9
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: P1287786

CATALOG NUMBER: P3A05R15W2N902750DE010 E3DL1LI_5000K

Luminous Intensity Polar Plot



TEST NUMBER: P1287786

CATALOG NUMBER: P3A05R15W2N902750DE010 E3DL1LI_5000K

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				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	114	112	110	108	112	110	108	106	106	104	103		102	101	100		99	98	97		95
2	110	106	103	100	108	104	101	99	101	99	97		98	96	95		96	94	93		91
3	106	101	97	93	104	99	96	93	97	94	91		94	92	90		92	90	88		87
4	102	96	92	88	100	95	91	88	93	89	87		91	88	86		89	87	85		83
5	98	92	87	84	97	91	87	83	89	85	83		88	84	82		86	83	81		80
6	95	88	83	80	94	87	83	80	86	82	79		85	81	79		83	80	78		77
7	92	85	80	77	91	84	80	76	83	79	76		82	78	76		81	78	75		74
8	89	81	77	74	88	81	77	73	80	76	73		79	75	73		78	75	73		72
9	86	79	74	71	85	78	74	71	77	73	71		77	73	70		76	73	70		69
10	84	76	71	68	83	76	71	68	75	71	68		74	71	68		74	70	68		67

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	353656
5°	313933
10°	218010
15°	128922
20°	73436
25°	41978
30°	23219
35°	12394
40°	6841
45°	3721
50°	2320
55°	1835
60°	1579
65°	1453
70°	1282
75°	1356
80°	1010
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 3721 cd/sqm

TEST NUMBER: P1287786

CATALOG NUMBER: P3A05R15W2N902750DE010 E3DL1LI_5000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	121.3	29.3
10°-20°	160.1	38.7
20°-30°	82.4	19.9
30°-40°	30.9	7.5
40°-50°	10.1	2.4
50°-60°	4.4	1.1
60°-70°	2.8	0.7
70°-80°	1.6	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°	363.7	87.9
0°-40°	394.7	95.3
0°-60°	409.2	98.8
0°-90°	414.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	414.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1613	
5°	1426	121
15°	568	160
25°	174	82
35°	46	31
45°	12	10
55°	5	4
65°	3	3
75°	2	2
85°	0	0
90°	0	

TEST NUMBER: P1287786

CATALOG NUMBER: P3A05R15W2N902750DE010 E3DL1LI_5000K

CANDELA DISTRIBUTION (FULL):

0°	
0°	1612.8
1°	1609.6
2°	1588.5
3°	1548.2
4°	1495.2
5°	1426.2
6°	1348.0
7°	1262.3
8°	1167.0
9°	1072.8
10°	979.1
12.5°	753.4
15°	567.9
17.5°	425.1
20°	314.7
22.5°	234.9
25°	173.5
27.5°	126.4
30°	91.7
32.5°	65.0
35°	46.3
37.5°	33.1
40°	23.9
42.5°	17.1
45°	12.0
47.5°	8.8
50°	6.8
52.5°	5.6
55°	4.8
57.5°	4.0
60°	3.6
62.5°	3.2
65°	2.8
67.5°	2.4
70°	2.0
72.5°	2.0
75°	1.6
77.5°	1.2
80°	0.8
82.5°	0.8
85°	0.4
87.5°	0.0
90°	0.0

(END OF REPORT)