

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: P1287820

Luminaire Tested: P3A05R15W2N902750DE010 E3DLD1MW_4000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1287820
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-2)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R15W2N902750DE010 E3DLD1MW_4000K
Description: 3in Adjustable Tunable White LED luminaire with, R15 optic, 4000K CCT AND, 90CRI ,
E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

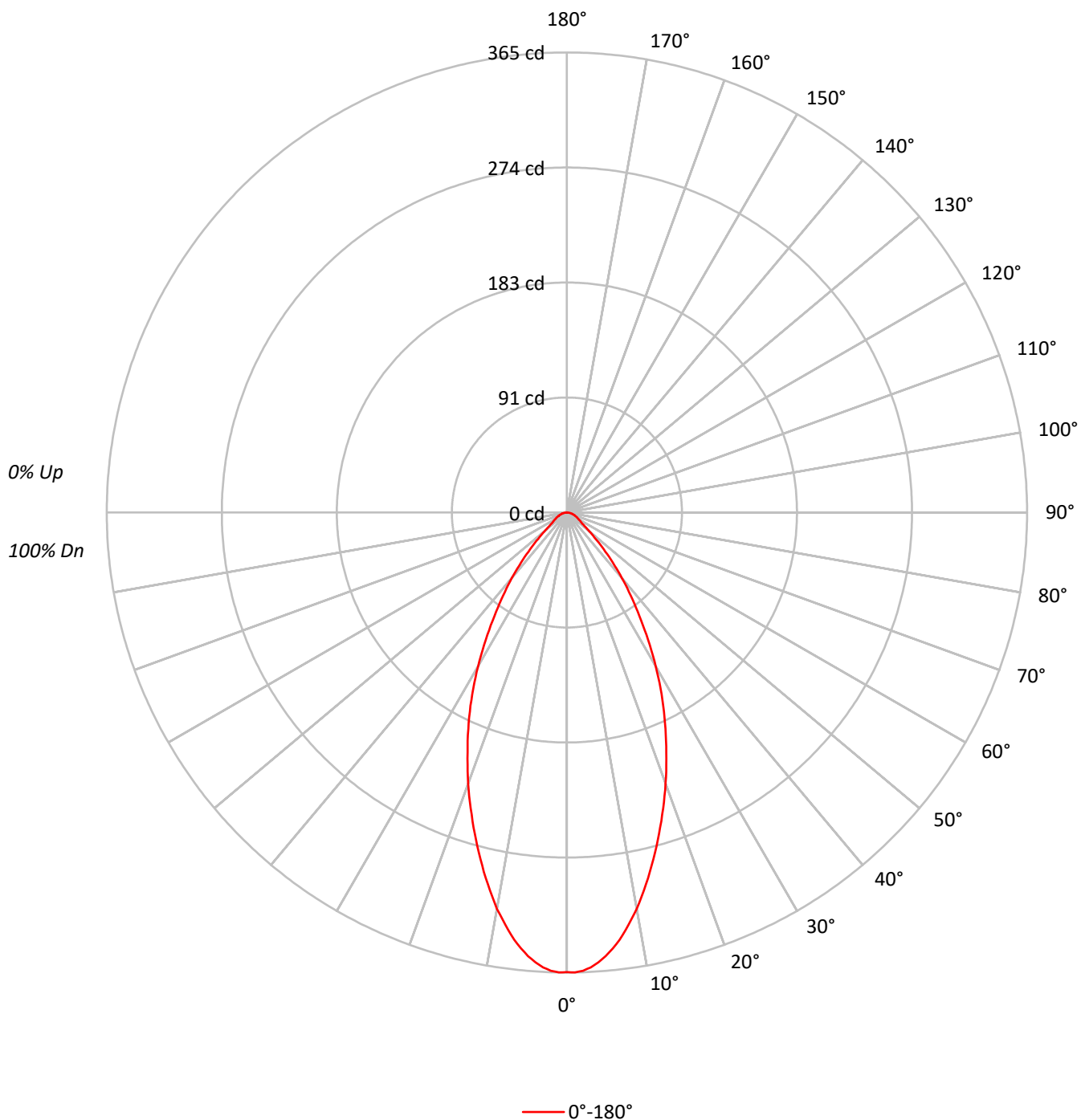
Lumens per Lamp: N/A
Luminaire Lumens: 316.9 lumens
Efficiency: N/A
Efficacy: 53.7 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1287820

CATALOG NUMBER: P3A05R15W2N902750DE010 E3DLD1MW_4000K

Luminous Intensity Polar Plot



TEST NUMBER: P1287820

CATALOG NUMBER: P3A05R15W2N902750DE010 E3DLD1MW_4000K

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	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	113	109	107	104	110	107	105	102	103	101	99	99	98	96	96	95	93	92		
2	106	100	96	92	104	99	95	91	95	92	89	92	90	87	90	87	85	83		
3	100	93	87	83	98	91	86	82	89	84	81	86	82	79	84	81	78	76		
4	94	86	80	75	92	85	79	74	82	77	73	80	76	73	78	75	72	70		
5	89	80	73	68	87	79	73	68	77	72	67	75	71	67	74	70	66	65		
6	84	74	68	63	83	73	67	63	72	66	62	70	66	62	69	65	61	60		
7	80	70	63	58	78	69	63	58	67	62	58	66	61	58	65	61	57	56		
8	76	65	59	54	74	65	58	54	63	58	54	62	57	54	61	57	53	52		
9	72	61	55	51	71	61	55	51	60	54	50	59	54	50	58	53	50	49		
10	68	58	52	48	67	57	51	47	57	51	47	56	51	47	55	50	47	46		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	79950
5°	77790
10°	71096
15°	62271
20°	53415
25°	44591
30°	35702
35°	26769
40°	19436
45°	12714
50°	7949
55°	5390
60°	4736
65°	4358
70°	4103
75°	3728
80°	3536
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 12714 cd/sqm

TEST NUMBER: P1287820

CATALOG NUMBER: P3A05R15W2N902750DE010 E3DLD1MW_4000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	32.6	10.3
10°-20°	76.4	24.1
20°-30°	84.2	26.6
30°-40°	63.1	19.9
40°-50°	32.7	10.3
50°-60°	13.5	4.3
60°-70°	8.4	2.6
70°-80°	4.7	1.5
80°-90°	1.4	0.4
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°	193.2	61.0
0°-40°	256.3	80.9
0°-60°	302.5	95.5
0°-90°	316.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	316.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	365	
5°	353	33
15°	274	76
25°	184	84
35°	100	63
45°	41	33
55°	14	14
65°	8	8
75°	4	5
85°	1	1
90°	0	



TEST NUMBER: P1287820

CATALOG NUMBER: P3A05R15W2N902750DE010 E3DLD1MW_4000K

CANDELA DISTRIBUTION (FULL):

0°	
0°	364.6
1°	365.0
2°	363.8
3°	361.4
4°	357.8
5°	353.4
6°	347.8
7°	341.8
8°	334.5
9°	326.9
10°	319.3
12.5°	297.2
15°	274.3
17.5°	251.4
20°	228.9
22.5°	206.0
25°	184.3
27.5°	162.6
30°	141.0
32.5°	119.7
35°	100.0
37.5°	83.1
40°	67.9
42.5°	53.8
45°	41.0
47.5°	30.9
50°	23.3
52.5°	17.3
55°	14.1
57.5°	12.4
60°	10.8
62.5°	9.6
65°	8.4
67.5°	7.2
70°	6.4
72.5°	5.2
75°	4.4
77.5°	3.6
80°	2.8
82.5°	2.0
85°	1.2
87.5°	0.4
90°	0.0

(END OF REPORT)