

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: P1290701

Luminaire Tested: P3A05R60W2N902750DE010 E3DLD1MW_3500K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1290701
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-38)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R60W2N902750DE010 E3DLD1MW_3500K
Description: 3in Adjustable Tunable White LED luminaire with, R60 optic, 3500K CCT AND, 90CRI ,
E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

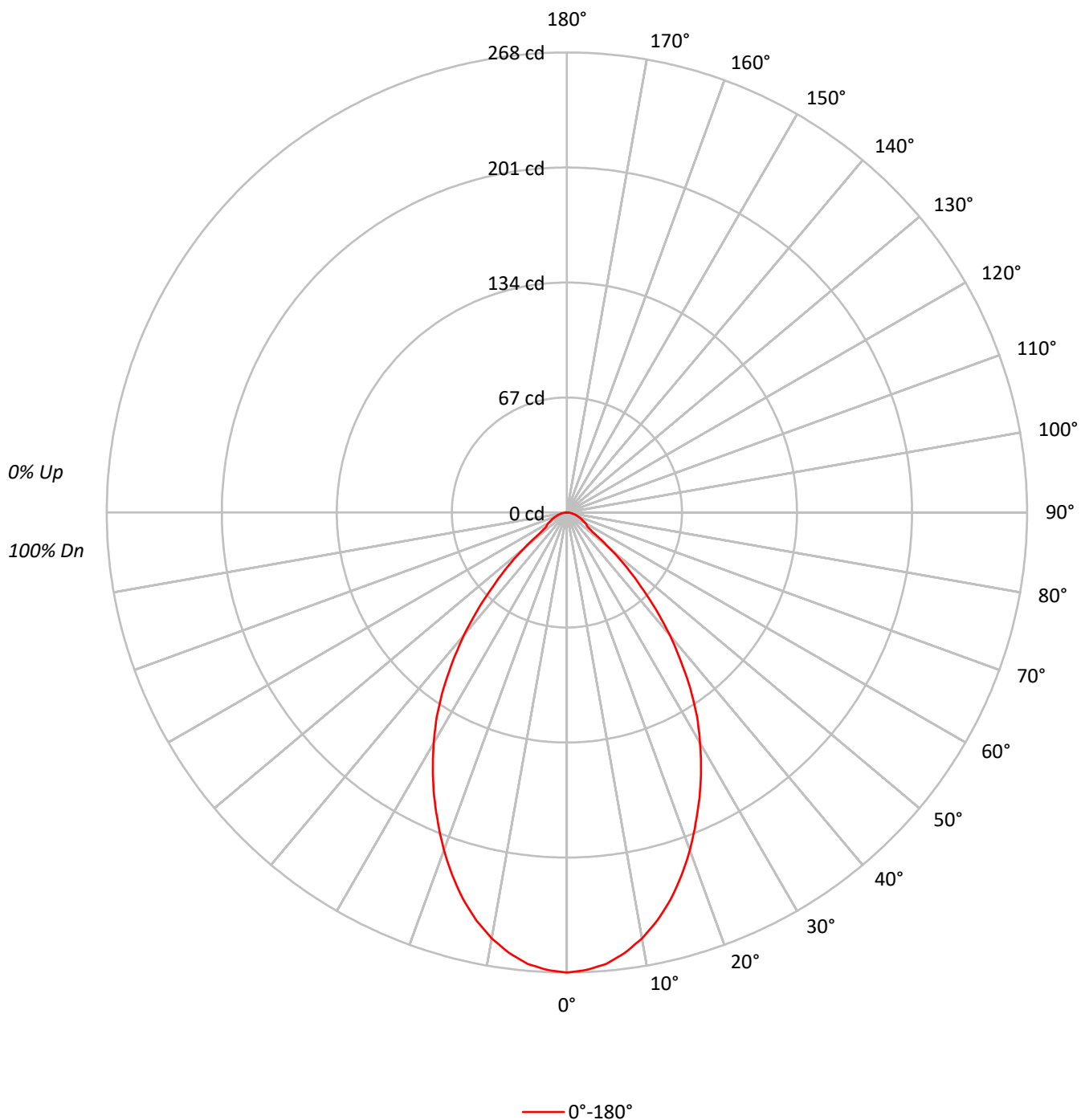
Lumens per Lamp: N/A
Luminaire Lumens: 331.0 lumens
Efficiency: N/A
Efficacy: 56.1 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1290701

CATALOG NUMBER: P3A05R60W2N902750DE010 E3DLD1MW_3500K

Luminous Intensity Polar Plot



TEST NUMBER: P1290701

CATALOG NUMBER: P3A05R60W2N902750DE010 E3DLD1MW_3500K

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	112	109	106	103	110	107	104	101	102	100	98	99	97	95	95	94	93	91		
2	105	99	94	90	103	98	93	89	94	90	87	91	88	85	88	86	84	82		
3	99	91	85	80	96	89	84	79	87	82	78	84	80	77	82	78	76	74		
4	92	83	77	72	90	82	76	71	80	75	71	78	73	70	76	72	69	67		
5	87	77	70	65	85	76	69	65	74	68	64	72	67	63	71	66	63	61		
6	82	71	64	59	80	70	64	59	69	63	58	67	62	58	66	61	58	56		
7	77	66	59	54	75	65	59	54	64	58	54	63	57	53	61	57	53	51		
8	72	61	55	50	71	61	54	50	60	54	49	59	53	49	58	53	49	47		
9	68	57	51	46	67	57	50	46	56	50	46	55	49	46	54	49	45	44		
10	65	54	47	43	64	53	47	43	52	47	43	52	46	42	51	46	42	41		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	58767
5°	58089
10°	56089
15°	52986
20°	48841
25°	44228
30°	39272
35°	33542
40°	26679
45°	18824
50°	11224
55°	5696
60°	5482
65°	4981
70°	4616
75°	4406
80°	4041
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 18824 cd/sqm

TEST NUMBER: P1290701

CATALOG NUMBER: P3A05R60W2N902750DE010 E3DLD1MW_3500K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	24.8	7.5
10°-20°	65.2	19.7
20°-30°	83.8	25.3
30°-40°	77.7	23.5
40°-50°	47.3	14.3
50°-60°	15.8	4.8
60°-70°	9.6	2.9
70°-80°	5.4	1.6
80°-90°	1.5	0.5
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°	173.8	52.5
0°-40°	251.4	76.0
0°-60°	314.5	95.0
0°-90°	331.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	331.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	268	
5°	264	25
15°	233	65
25°	183	84
35°	125	78
45°	61	47
55°	15	16
65°	10	10
75°	5	5
85°	1	2
90°	0	

TEST NUMBER: P1290701

CATALOG NUMBER: P3A05R60W2N902750DE010 E3DLD1MW_3500K

CANDELA DISTRIBUTION (FULL):

0°	
0°	268.0
2.5°	266.7
5°	263.9
7.5°	258.7
10°	251.9
12.5°	243.4
15°	233.4
17.5°	221.8
20°	209.3
22.5°	196.0
25°	182.8
27.5°	169.1
30°	155.1
32.5°	141.0
35°	125.3
37.5°	108.9
40°	93.2
42.5°	76.7
45°	60.7
47.5°	47.0
50°	32.9
52.5°	19.7
55°	14.9
57.5°	13.7
60°	12.5
62.5°	10.8
65°	9.6
67.5°	8.4
70°	7.2
72.5°	6.0
75°	5.2
77.5°	4.0
80°	3.2
82.5°	2.0
85°	1.2
87.5°	0.8
90°	0.0

(END OF REPORT)