

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: P1290713

Luminaire Tested: P3A05R60W2N902750DE010 E3DLD1WMH_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1290713
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 E3DLD1WMH_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R60 optic, 5000K CCT AND, 90CRI ,
E3DLD1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

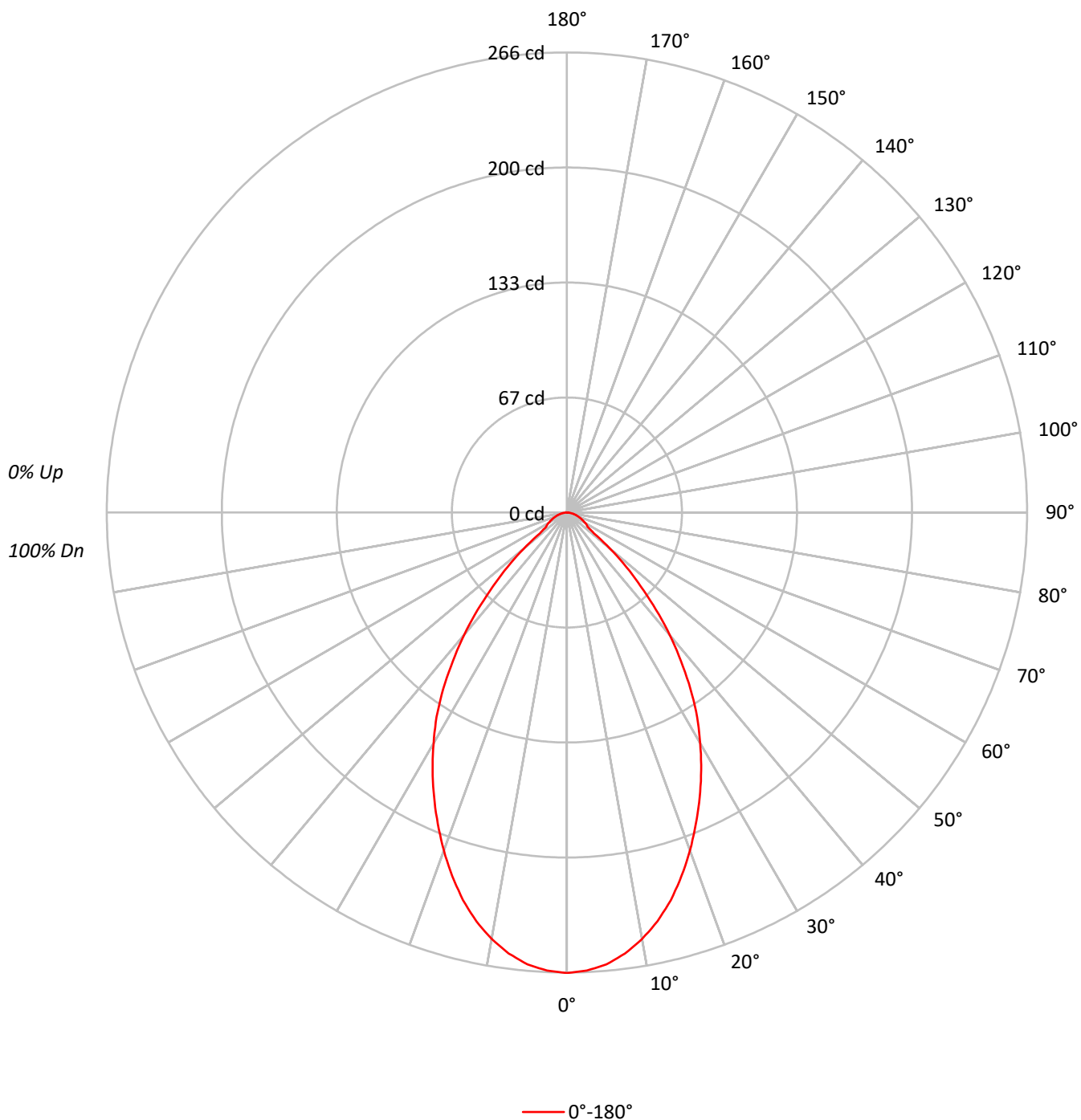
Lumens per Lamp: N/A
Luminaire Lumens: 329.0 lumens
Efficiency: N/A
Efficacy: 55.8 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1290713

CATALOG NUMBER: P3A05R60W2N902750DE010 E3DLD1WMH_5000K

Luminous Intensity Polar Plot



TEST NUMBER: P1290713

CATALOG NUMBER: P3A05R60W2N902750DE010 E3DLD1WMH_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	112	109	106	103	110	107	104	101	102	100	98		99	97	95		95	94	93		91
2	105	99	94	90	103	97	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	70		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°	58394
5°	57737
10°	55755
15°	52668
20°	48538
25°	43962
30°	39019
35°	33354
40°	26507
45°	18700
50°	11155
55°	5658
60°	5438
65°	4981
70°	4616
75°	4406
80°	4041
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 18700 cd/sqm

TEST NUMBER: P1290713

CATALOG NUMBER: P3A05R60W2N902750DE010 E3DLD1WMH_5000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	24.7	7.5
10°-20°	64.8	19.7
20°-30°	83.3	25.3
30°-40°	77.2	23.5
40°-50°	47.0	14.3
50°-60°	15.7	4.8
60°-70°	9.5	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°	172.7	52.5
0°-40°	249.9	76.0
0°-60°	312.6	95.0
0°-90°	329.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	329.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	266	
5°	262	25
15°	232	65
25°	182	83
35°	125	77
45°	60	47
55°	15	16
65°	10	10
75°	5	5
85°	1	2
90°	0	

TEST NUMBER: P1290713

CATALOG NUMBER: P3A05R60W2N902750DE010 E3DLD1WMH_5000K

CANDELA DISTRIBUTION (FULL):

0°	
0°	266.3
2.5°	265.1
5°	262.3
7.5°	257.2
10°	250.4
12.5°	242.0
15°	232.0
17.5°	220.4
20°	208.0
22.5°	194.9
25°	181.7
27.5°	168.1
30°	154.1
32.5°	140.2
35°	124.6
37.5°	108.2
40°	92.6
42.5°	76.3
45°	60.3
47.5°	46.7
50°	32.7
52.5°	19.6
55°	14.8
57.5°	13.6
60°	12.4
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)