

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: P1290741

Luminaire Tested: P3A05R60W2N902750DE010 E3DLP1WMH_3500K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1290741
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-37)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R60W2N902750DE010 E3DLP1WMH_3500K
Description: 3in Adjustable Tunable White LED luminaire with, R60 optic, 3500K CCT AND, 90CRI ,
E3DLP1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

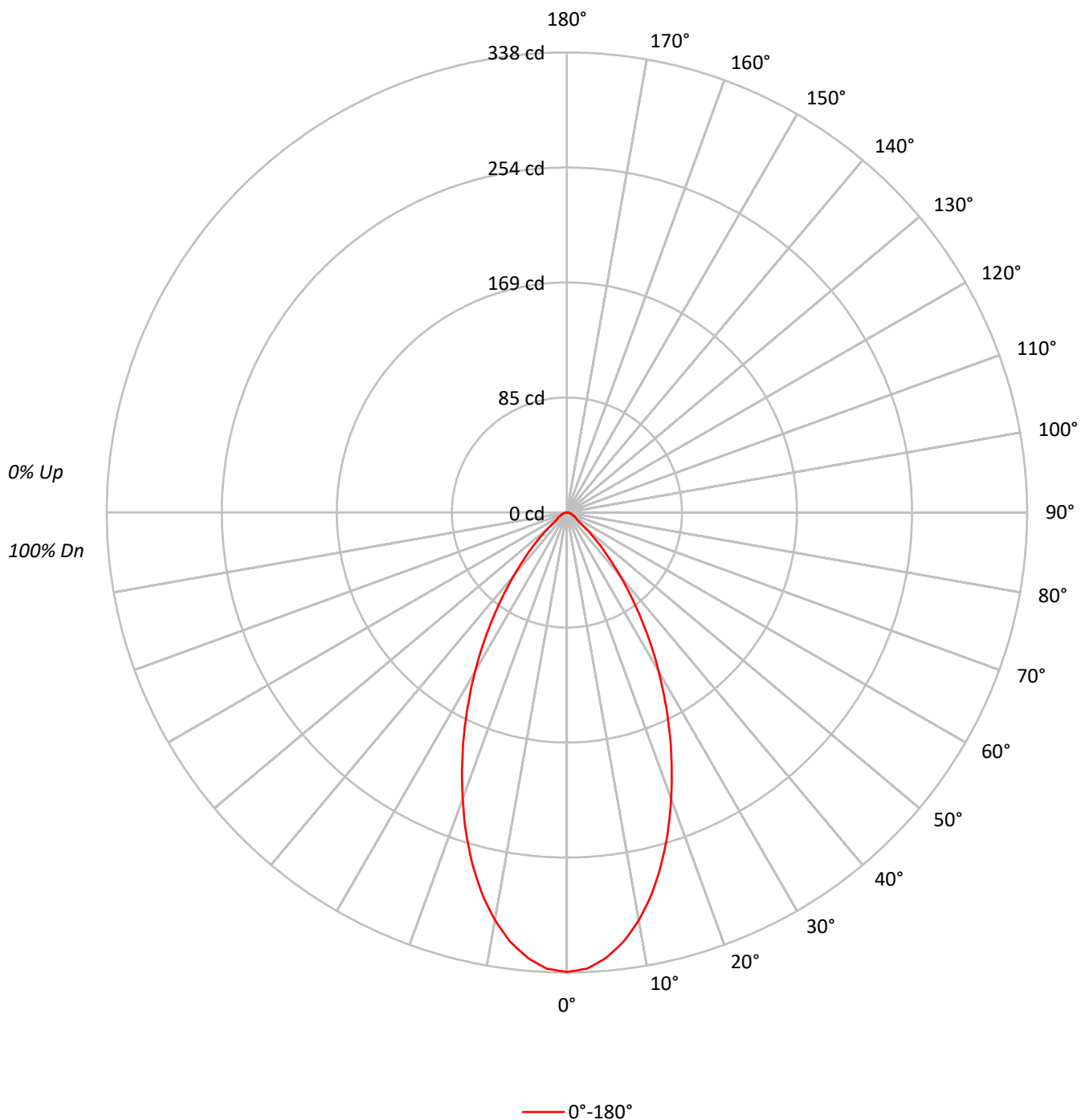
Lumens per Lamp: N/A
Luminaire Lumens: 291.9 lumens
Efficiency: N/A
Efficacy: 49.5 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1290741

CATALOG NUMBER: P3A05R60W2N902750DE010 E3DLP1WMH_3500K

Luminous Intensity Polar Plot



TEST NUMBER: P1290741

CATALOG NUMBER: P3A05R60W2N902750DE010 E3DLP1WMH_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	113	110	107	105	110	108	105	103	104	102	100	100	98	97	96	95	94	92		
2	107	101	97	93	104	100	96	92	96	93	90	93	91	88	91	88	86	85		
3	101	94	88	84	99	92	87	83	90	86	82	87	84	81	85	82	80	78		
4	95	87	81	77	93	86	80	76	84	79	75	82	78	74	80	76	73	72		
5	90	81	75	70	88	80	74	70	78	73	69	77	72	69	75	71	68	66		
6	85	76	69	65	84	75	69	65	73	68	64	72	67	64	71	67	63	62		
7	81	71	65	60	79	70	64	60	69	64	60	68	63	59	67	62	59	58		
8	77	67	60	56	75	66	60	56	65	60	56	64	59	55	63	58	55	54		
9	73	63	57	52	72	62	56	52	61	56	52	60	55	52	60	55	52	50		
10	69	59	53	49	68	59	53	49	58	53	49	57	52	49	56	52	49	47		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	74007
5°	72331
10°	67734
15°	60772
20°	52248
25°	43212
30°	34132
35°	25350
40°	17461
45°	10947
50°	6038
55°	3517
60°	3158
65°	2698
70°	2308
75°	2372
80°	2020
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 10947 cd/sqm

TEST NUMBER: P1290741

CATALOG NUMBER: P3A05R60W2N902750DE010 E3DLP1WMH_3500K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	30.6	10.5
10°-20°	74.3	25.5
20°-30°	81.5	27.9
30°-40°	59.4	20.3
40°-50°	28.1	9.6
50°-60°	9.2	3.1
60°-70°	5.2	1.8
70°-80°	2.8	1.0
80°-90°	0.9	0.3
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°	186.5	63.9
0°-40°	245.9	84.2
0°-60°	283.1	97.0
0°-90°	291.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	291.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	338	
5°	329	31
15°	268	74
25°	179	82
35°	95	59
45°	35	28
55°	9	9
65°	5	5
75°	3	3
85°	1	1
90°	0	

TEST NUMBER: P1290741

CATALOG NUMBER: P3A05R60W2N902750DE010 E3DLP1WMH_3500K

CANDELA DISTRIBUTION (FULL):

0°	
0°	337.5
2.5°	335.5
5°	328.6
7.5°	318.2
10°	304.2
12.5°	287.3
15°	267.7
17.5°	246.4
20°	223.9
22.5°	201.0
25°	178.6
27.5°	156.1
30°	134.8
32.5°	114.4
35°	94.7
37.5°	77.0
40°	61.0
42.5°	46.9
45°	35.3
47.5°	25.7
50°	17.7
52.5°	11.6
55°	9.2
57.5°	8.0
60°	7.2
62.5°	6.0
65°	5.2
67.5°	4.4
70°	3.6
72.5°	3.2
75°	2.8
77.5°	2.0
80°	1.6
82.5°	1.2
85°	0.8
87.5°	0.4
90°	0.0

(END OF REPORT)