

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: P1290838

Luminaire Tested: P3A05R60W2N902765DE010 E3DL1WH_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1290838
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: P3A05R60W2N902765DE010 E3DL1WH_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R60 optic, 5000K CCT AND, 90CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

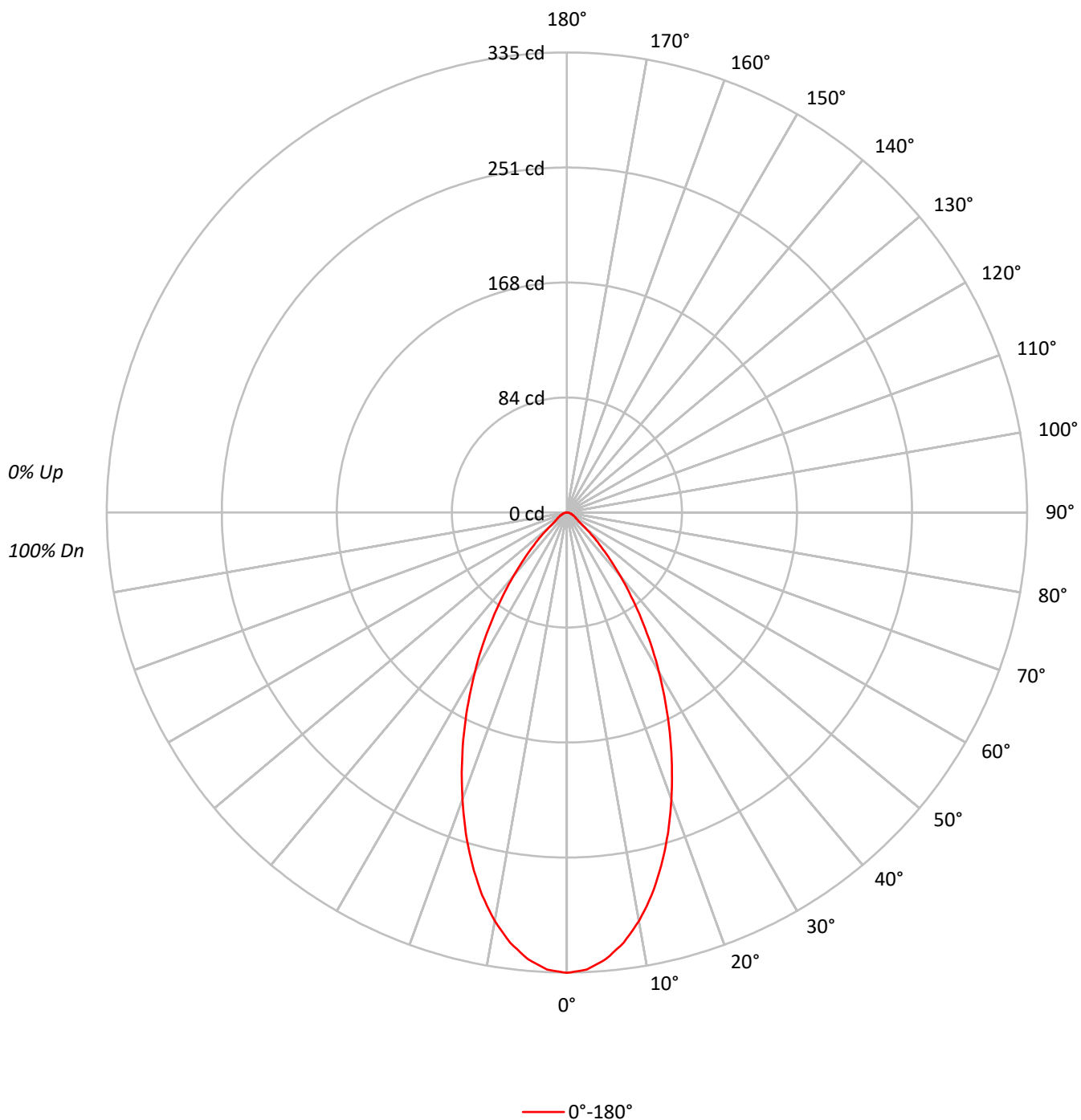
Lumens per Lamp: N/A
Luminaire Lumens: 290.1 lumens
Efficiency: N/A
Efficacy: 49.2 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1290838

CATALOG NUMBER: P3A05R60W2N902765DE010 E3DL1WH_5000K

Luminous Intensity Polar Plot



TEST NUMBER: P1290838

CATALOG NUMBER: P3A05R60W2N902765DE010 E3DL1WH_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	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	79		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	66	63		62
7	81	71	65	60	79	70	64	60	69	64	60		68	63	59		67	62	59		57
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°	73503
5°	71847
10°	67267
15°	60341
20°	51898
25°	42898
30°	33904
35°	25190
40°	17347
45°	10885
50°	5970
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: 10885 cd/sqm

TEST NUMBER: P1290838

CATALOG NUMBER: P3A05R60W2N902765DE010 E3DL1WH_5000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	30.4	10.5
10°-20°	73.8	25.5
20°-30°	81.0	27.9
30°-40°	59.0	20.3
40°-50°	27.9	9.6
50°-60°	9.2	3.2
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°	185.2	63.8
0°-40°	244.2	84.2
0°-60°	281.2	96.9
0°-90°	290.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	290.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	335	
5°	326	30
15°	266	74
25°	177	81
35°	94	59
45°	35	28
55°	9	9
65°	5	5
75°	3	3
85°	1	1
90°	0	

TEST NUMBER: P1290838

CATALOG NUMBER: P3A05R60W2N902765DE010 E3DL1WH_5000K

CANDELA DISTRIBUTION (FULL):

0°	
0°	335.2
2.5°	333.2
5°	326.4
7.5°	316.0
10°	302.1
12.5°	285.3
15°	265.8
17.5°	244.7
20°	222.4
22.5°	199.7
25°	177.3
27.5°	155.0
30°	133.9
32.5°	113.6
35°	94.1
37.5°	76.5
40°	60.6
42.5°	46.6
45°	35.1
47.5°	25.5
50°	17.5
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)