

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: P1290814

Luminaire Tested: P3A05R60W2N902765DE010 E3DL1GPH_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1290814
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-39)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R60W2N902765DE010 E3DL1GPH_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R60 optic, 5000K CCT AND, 90CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

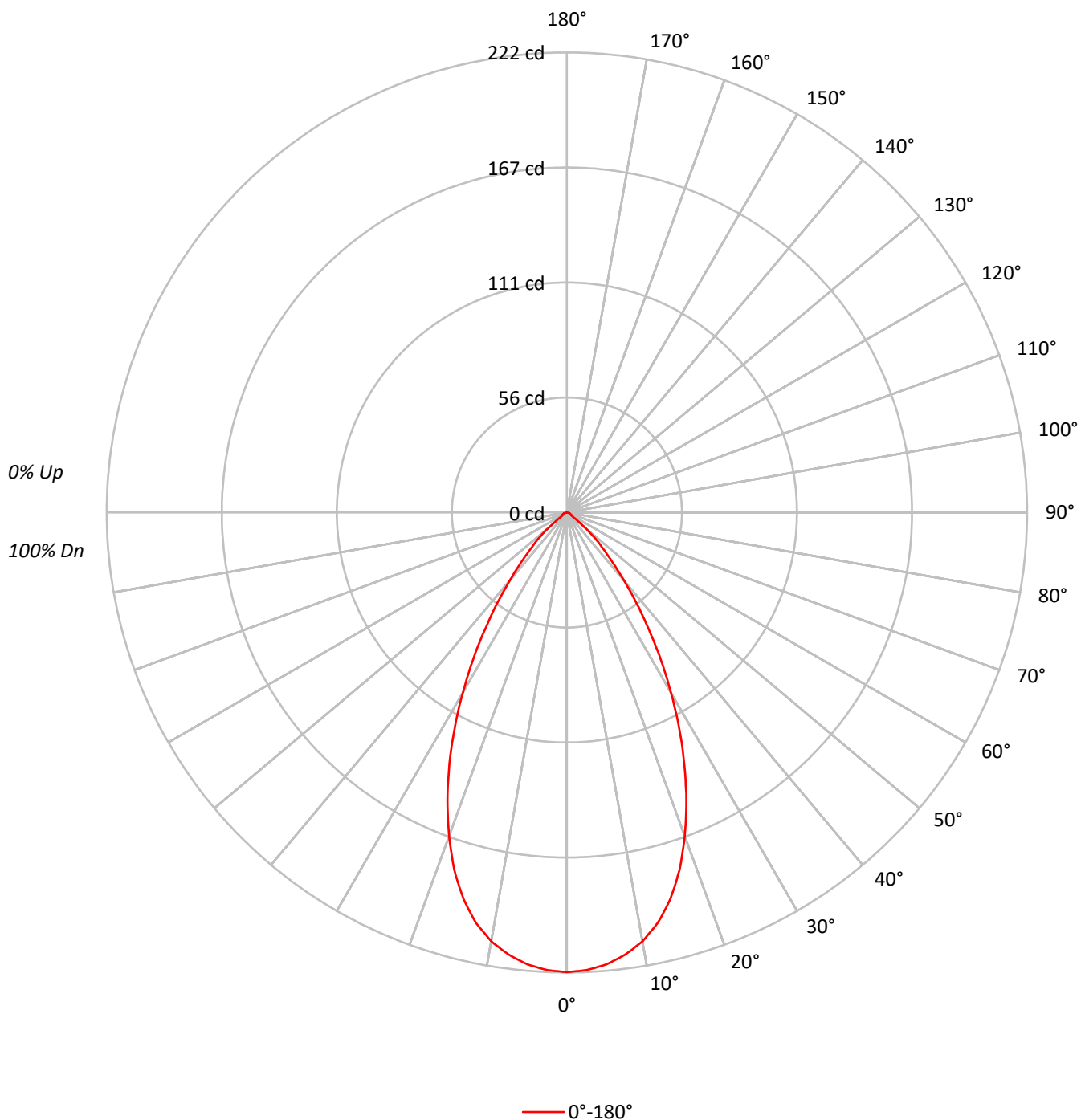
Lumens per Lamp: N/A
Luminaire Lumens: 206.0 lumens
Efficiency: N/A
Efficacy: 34.9 lumens/watt
Spacing Criteria (0/90/45): 0.87 / 0.87 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1290814

CATALOG NUMBER: P3A05R60W2N902765DE010 E3DL1GPH_5000K

Luminous Intensity Polar Plot



TEST NUMBER: P1290814

CATALOG NUMBER: P3A05R60W2N902765DE010 E3DL1GPH_5000K

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	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	108	105	111	108	106	103	104	102	100		100	99	97		97	96	94	93
2	107	102	98	94	105	100	96	93	97	94	91		94	91	89		91	89	87	85
3	101	95	89	85	99	93	88	84	90	86	83		88	85	82		86	83	80	79
4	96	88	82	78	94	87	81	77	85	80	76		83	79	75		81	77	75	73
5	91	82	76	71	89	81	75	71	79	74	70		78	73	70		76	72	69	68
6	86	77	70	66	84	76	70	66	74	69	65		73	68	65		72	67	64	63
7	82	72	66	61	80	71	65	61	70	65	61		69	64	60		67	63	60	59
8	77	68	61	57	76	67	61	57	66	60	57		65	60	56		64	59	56	55
9	74	64	57	53	72	63	57	53	62	57	53		61	56	53		60	56	53	51
10	70	60	54	50	69	60	54	50	59	53	50		58	53	50		57	53	49	48

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	48636
5°	48184
10°	46782
15°	43814
20°	38783
25°	32445
30°	25422
35°	18444
40°	12280
45°	7660
50°	4128
55°	1185
60°	1096
65°	1038
70°	1026
75°	1017
80°	1010
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 7660 cd/sqm

TEST NUMBER: P1290814

CATALOG NUMBER: P3A05R60W2N902765DE010 E3DL1GPH_5000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	20.6	10.0
10°-20°	53.6	26.0
20°-30°	61.0	29.6
30°-40°	43.3	21.0
40°-50°	19.6	9.5
50°-60°	4.1	2.0
60°-70°	2.0	1.0
70°-80°	1.3	0.6
80°-90°	0.4	0.2
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°	135.2	65.6
0°-40°	178.5	86.6
0°-60°	202.3	98.2
0°-90°	206.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	206.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	222	
5°	219	21
15°	193	54
25°	134	61
35°	69	43
45°	25	20
55°	3	4
65°	2	2
75°	1	1
85°	0	0
90°	0	



TEST NUMBER: P1290814

CATALOG NUMBER: P3A05R60W2N902765DE010 E3DL1GPH_5000K

CANDELA DISTRIBUTION (FULL):

0°	
0°	221.8
2.5°	221.0
5°	218.9
7.5°	215.2
10°	210.1
12.5°	202.8
15°	193.0
17.5°	180.7
20°	166.2
22.5°	150.6
25°	134.1
27.5°	117.3
30°	100.4
32.5°	84.4
35°	68.9
37.5°	55.2
40°	42.9
42.5°	32.5
45°	24.7
47.5°	18.4
50°	12.1
52.5°	5.7
55°	3.1
57.5°	2.7
60°	2.5
62.5°	2.3
65°	2.0
67.5°	1.8
70°	1.6
72.5°	1.4
75°	1.2
77.5°	1.0
80°	0.8
82.5°	0.6
85°	0.4
87.5°	0.2
90°	0.0

(END OF REPORT)