

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: P1290852

Luminaire Tested: P3A05R60W2N902765DE010 E3DLD1H_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1290852
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: P3A05R60W2N902765DE010 E3DLD1H_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R60 optic, 2700K CCT AND, 90CRI ,
E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

Summary

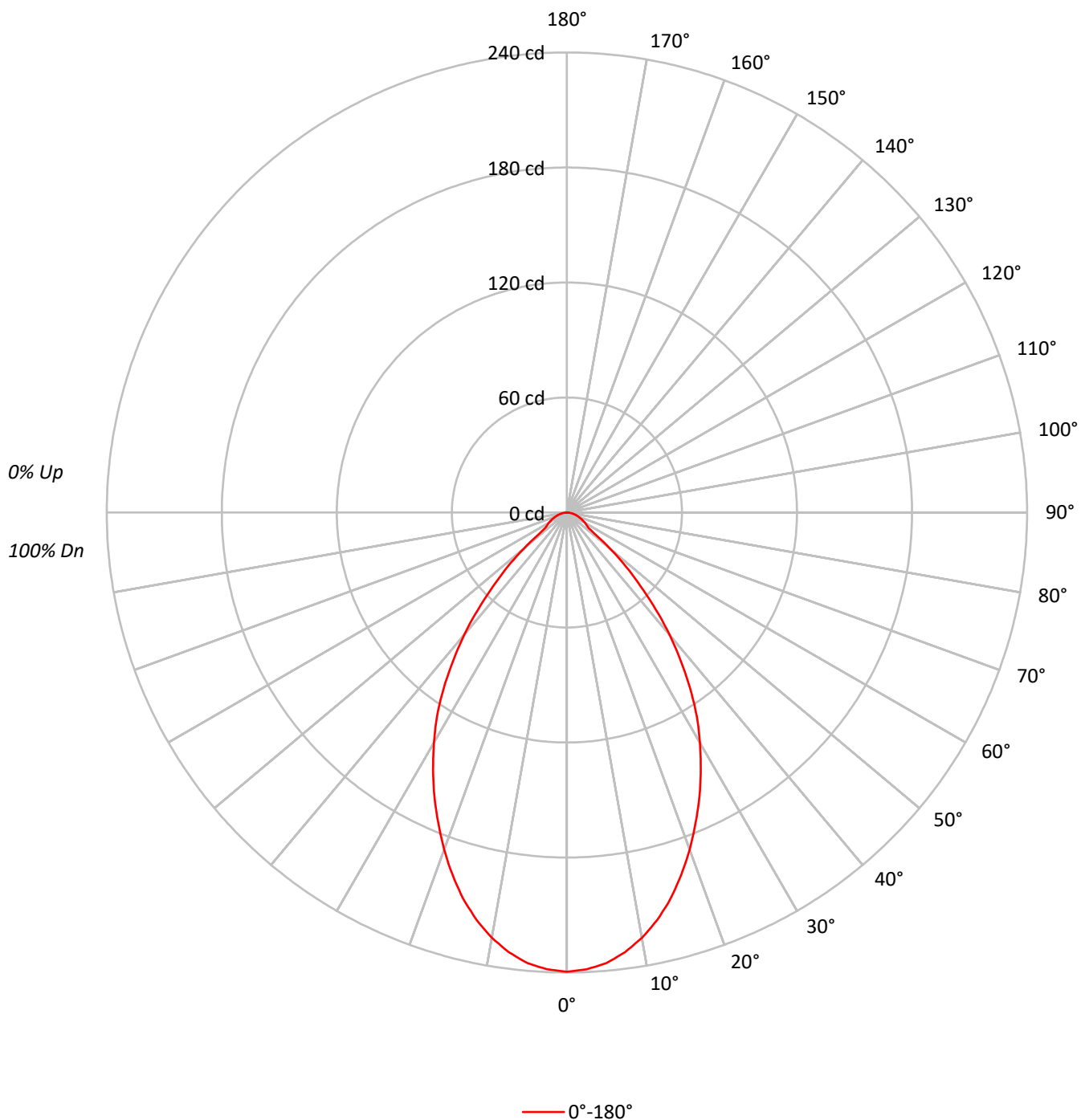
Lumens per Lamp: N/A
Luminaire Lumens: 296.0 lumens
Efficiency: N/A
Efficacy: 50.2 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1290852

CATALOG NUMBER: P3A05R60W2N902765DE010 E3DLD1H_2700K

Luminous Intensity Polar Plot





TEST NUMBER: P1290852

CATALOG NUMBER: P3A05R60W2N902765DE010 E3DLD1H_2700K

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	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°	52540
5°	51948
10°	50166
15°	47378
20°	43684
25°	39559
30°	35119
35°	30008
40°	23845
45°	16808
50°	10064
55°	5085
60°	4868
65°	4462
70°	4167
75°	3982
80°	3662
85°	2768

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 16808 cd/sqm

TEST NUMBER: P1290852

CATALOG NUMBER: P3A05R60W2N902765DE010 E3DLD1H_2700K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	22.2	7.5
10°-20°	58.3	19.7
20°-30°	74.9	25.3
30°-40°	69.5	23.5
40°-50°	42.3	14.3
50°-60°	14.1	4.8
60°-70°	8.6	2.9
70°-80°	4.9	1.6
80°-90°	1.4	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°	155.4	52.5
0°-40°	224.9	76.0
0°-60°	281.2	95.0
0°-90°	296.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	296.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	240	
5°	236	22
15°	209	58
25°	164	75
35°	112	69
45°	54	42
55°	13	14
65°	9	9
75°	5	5
85°	1	1
90°	0	

TEST NUMBER: P1290852

CATALOG NUMBER: P3A05R60W2N902765DE010 E3DLD1H_2700K

CANDELA DISTRIBUTION (FULL):

0°	
0°	239.6
2.5°	238.5
5°	236.0
7.5°	231.4
10°	225.3
12.5°	217.7
15°	208.7
17.5°	198.3
20°	187.2
22.5°	175.3
25°	163.5
27.5°	151.2
30°	138.7
32.5°	126.1
35°	112.1
37.5°	97.4
40°	83.3
42.5°	68.6
45°	54.2
47.5°	42.0
50°	29.5
52.5°	17.6
55°	13.3
57.5°	12.2
60°	11.1
62.5°	9.7
65°	8.6
67.5°	7.5
70°	6.5
72.5°	5.4
75°	4.7
77.5°	3.6
80°	2.9
82.5°	1.8
85°	1.1
87.5°	0.7
90°	0.0

(END OF REPORT)