

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: P1288972

Luminaire Tested: P3A05R30W2N902765DE010 E3DLD1GPH_4000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1288972
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-14)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R30W2N902765DE010 E3DLD1GPH_4000K
Description: 3in Adjustable Tunable White LED luminaire with, R30 optic, 4000K CCT AND, 90CRI ,
E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

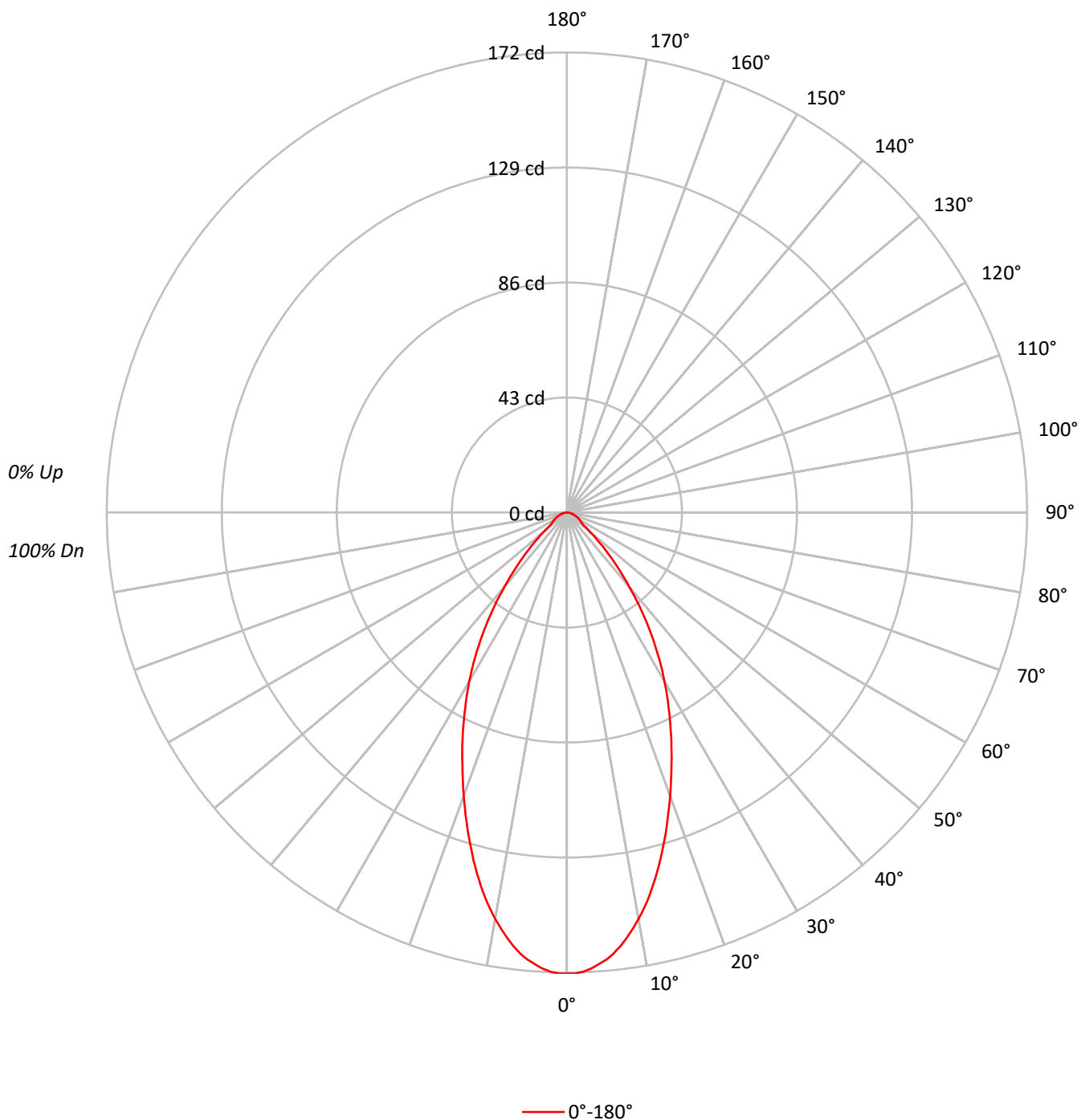
Lumens per Lamp: N/A
Luminaire Lumens: 160.0 lumens
Efficiency: N/A
Efficacy: 27.1 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1288972

CATALOG NUMBER: P3A05R30W2N902765DE010 E3DLD1GPH_4000K

Luminous Intensity Polar Plot



TEST NUMBER: P1288972

CATALOG NUMBER: P3A05R30W2N902765DE010 E3DLD1GPH_4000K

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	104	110	107	105	102	103	101	99	99	98	96	96	94	93	91		
2	106	100	96	92	104	99	94	91	95	92	89	92	89	87	89	87	85	83		
3	100	92	87	82	98	91	86	82	88	84	80	86	82	79	83	80	78	76		
4	94	85	79	74	92	84	79	74	82	77	73	80	76	72	78	74	71	70		
5	89	79	73	68	87	78	72	68	76	71	67	75	70	66	73	69	66	64		
6	84	74	67	62	82	73	67	62	71	66	62	70	65	61	69	64	61	59		
7	79	69	62	58	78	68	62	58	67	61	57	66	61	57	65	60	57	55		
8	75	65	58	54	74	64	58	53	63	57	53	62	57	53	61	56	53	51		
9	71	61	54	50	70	60	54	50	59	54	50	58	53	50	57	53	49	48		
10	68	57	51	47	67	57	51	47	56	50	47	55	50	46	54	50	46	45		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	37804
5°	36958
10°	34357
15°	30579
20°	26299
25°	22284
30°	18484
35°	14509
40°	10391
45°	6822
50°	3889
55°	2561
60°	2412
65°	2231
70°	1988
75°	1864
80°	1768
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 6822 cd/sqm

TEST NUMBER: P1288972

CATALOG NUMBER: P3A05R30W2N902765DE010 E3DLD1GPH_4000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	15.6	9.7
10°-20°	37.4	23.4
20°-30°	42.2	26.4
30°-40°	33.7	21.1
40°-50°	17.3	10.8
50°-60°	6.5	4.1
60°-70°	4.3	2.7
70°-80°	2.3	1.5
80°-90°	0.7	0.4
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°	95.2	59.5
0°-40°	128.9	80.6
0°-60°	152.8	95.5
0°-90°	160.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	160.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	172	
5°	168	16
15°	135	37
25°	92	42
35°	54	34
45°	22	17
55°	7	7
65°	4	4
75°	2	2
85°	1	1
90°	0	



TEST NUMBER: P1288972

CATALOG NUMBER: P3A05R30W2N902765DE010 E3DLD1GPH_4000K

CANDELA DISTRIBUTION (FULL):

0°	
0°	172.4
1°	172.4
2°	171.8
3°	170.8
4°	169.4
5°	167.9
6°	165.9
7°	163.4
8°	160.6
9°	157.5
10°	154.3
11°	150.8
12°	147.1
13°	143.1
14°	139.0
15°	134.7
17.5°	123.7
20°	112.7
22.5°	102.1
25°	92.1
27.5°	82.3
30°	73.0
32.5°	63.6
35°	54.2
37.5°	45.0
40°	36.3
42.5°	28.7
45°	22.0
47.5°	16.3
50°	11.4
52.5°	8.0
55°	6.7
57.5°	6.1
60°	5.5
62.5°	4.9
65°	4.3
67.5°	3.7
70°	3.1
72.5°	2.6
75°	2.2
77.5°	1.8
80°	1.4
82.5°	1.0
85°	0.6
87.5°	0.2



TEST NUMBER: P1288972

CATALOG NUMBER: P3A05R30W2N902765DE010 E3DLD1GPH_4000K

CANDELA DISTRIBUTION (continued):



(END OF REPORT)