

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: P1288831

Luminaire Tested: P3A05R30W2N902750DE010 E3DLP1H_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1288831
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-13)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R30W2N902750DE010 E3DLP1H_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R30 optic, 5000K CCT AND, 90CRI ,
E3DLP1H TRIM
Light Source: -
Ballast/Driver: -

Summary

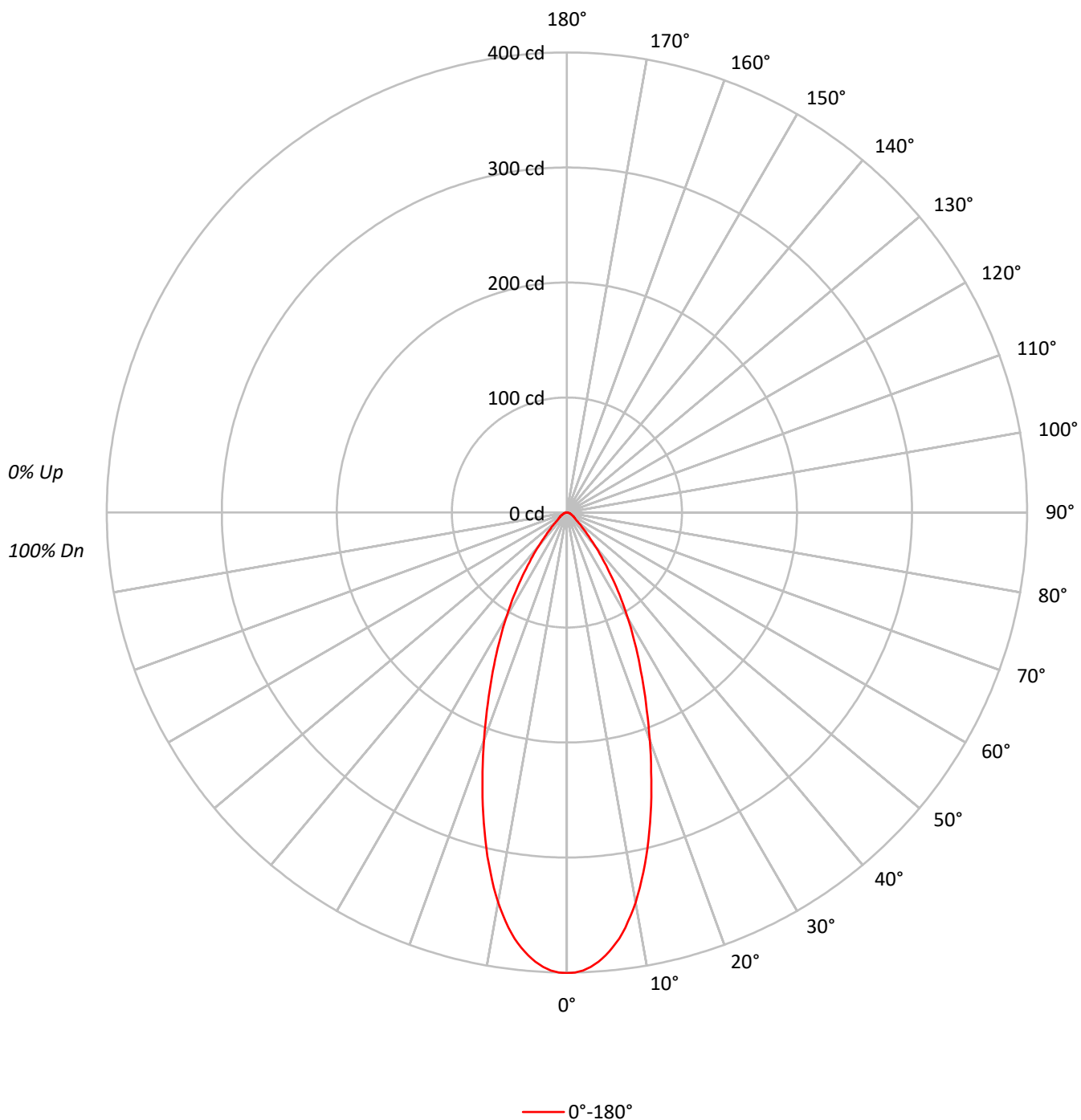
Lumens per Lamp: N/A
Luminaire Lumens: 257.1 lumens
Efficiency: N/A
Efficacy: 43.6 lumens/watt
Spacing Criteria (0/90/45): 0.66 / 0.66 / 0.7
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1288831

CATALOG NUMBER: P3A05R30W2N902750DE010 E3DLP1H_5000K

Luminous Intensity Polar Plot



TEST NUMBER: P1288831

CATALOG NUMBER: P3A05R30W2N902750DE010 E3DLP1H_5000K

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	108	105	111	108	106	104	104	102	100	100	99	97	97	96	95	93		
2	107	102	98	95	105	101	97	94	97	94	92	94	92	90	92	90	88	86		
3	102	95	90	86	100	94	89	85	91	87	84	89	86	83	87	84	82	80		
4	97	89	84	79	95	88	83	79	86	81	78	84	80	77	82	79	76	74		
5	92	84	78	73	90	83	77	73	81	76	72	79	75	72	78	74	71	70		
6	88	79	73	68	86	78	72	68	76	71	68	75	71	67	74	70	67	65		
7	83	74	68	64	82	74	68	64	72	67	63	71	67	63	70	66	63	61		
8	80	70	64	60	78	70	64	60	69	63	60	67	63	60	67	62	59	58		
9	76	67	61	57	75	66	60	57	65	60	56	64	60	56	63	59	56	55		
10	73	63	58	54	72	63	57	54	62	57	53	61	57	53	60	56	53	52		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	87822
5°	85098
10°	76663
15°	63428
20°	49098
25°	36825
30°	26738
35°	17828
40°	10963
45°	6419
50°	3957
55°	3211
60°	2807
65°	2283
70°	2052
75°	2033
80°	1515
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 6419 cd/sqm

TEST NUMBER: P1288831

CATALOG NUMBER: P3A05R30W2N902750DE010 E3DLP1H_5000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	35.6	13.8
10°-20°	76.9	29.9
20°-30°	70.0	27.2
30°-40°	42.3	16.5
40°-50°	17.0	6.6
50°-60°	7.5	2.9
60°-70°	4.5	1.8
70°-80°	2.5	1.0
80°-90°	0.7	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°	182.5	71.0
0°-40°	224.8	87.5
0°-60°	249.3	97.0
0°-90°	257.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	257.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	400	
5°	387	36
15°	279	77
25°	152	70
35°	67	42
45°	21	17
55°	8	8
65°	4	5
75°	2	2
85°	1	1
90°	0	

TEST NUMBER: P1288831

CATALOG NUMBER: P3A05R30W2N902750DE010 E3DLP1H_5000K

CANDELA DISTRIBUTION (FULL):

0°	
0°	400.5
1°	400.1
2°	398.5
3°	395.7
4°	391.7
5°	386.6
6°	380.2
7°	373.4
8°	364.6
9°	354.7
10°	344.3
11°	332.4
12°	319.6
13°	306.9
14°	292.9
15°	279.4
17.5°	243.9
20°	210.4
22.5°	179.3
25°	152.2
27.5°	127.5
30°	105.6
32.5°	85.3
35°	66.6
37.5°	51.0
40°	38.3
42.5°	27.9
45°	20.7
47.5°	15.5
50°	11.6
52.5°	9.2
55°	8.4
57.5°	7.2
60°	6.4
62.5°	5.2
65°	4.4
67.5°	4.0
70°	3.2
72.5°	2.8
75°	2.4
77.5°	2.0
80°	1.2
82.5°	0.8
85°	0.8
87.5°	0.4



TEST NUMBER: P1288831

CATALOG NUMBER: P3A05R30W2N902750DE010 E3DLP1H_5000K

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)