

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: P1288829

Luminaire Tested: P3A05R30W2N902750DE010 E3DLP1H_3500K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1288829
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_3500K
Description: 3in Adjustable Tunable White LED luminaire with, R30 optic, 3500K CCT AND, 90CRI , E3DLP1H TRIM
Light Source: -
Ballast/Driver: -

Summary

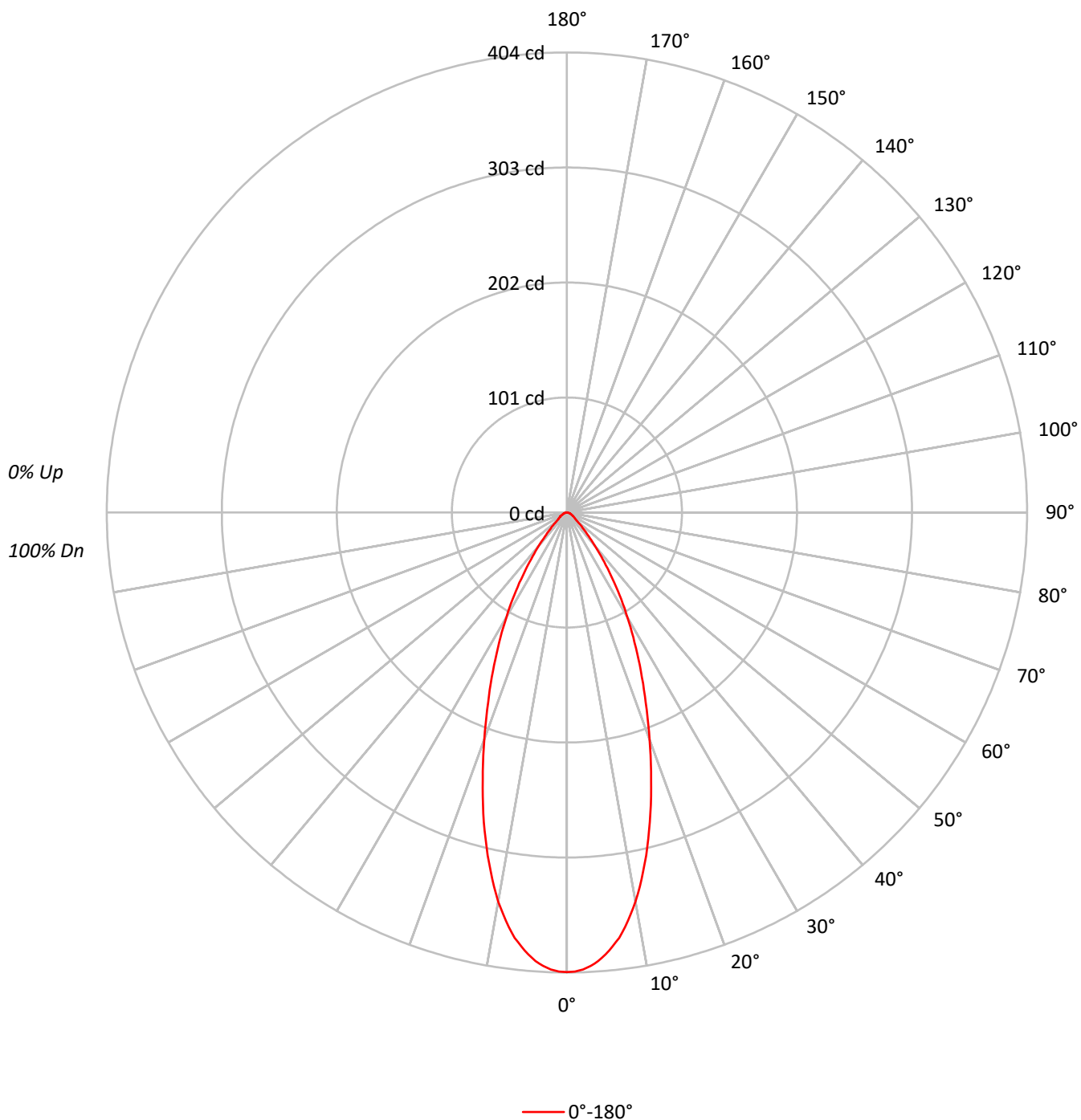
Lumens per Lamp: N/A
Luminaire Lumens: 258.9 lumens
Efficiency: N/A
Efficacy: 43.9 lumens/watt
Spacing Criteria (0/90/45): 0.66 / 0.66 / 0.7
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1288829

CATALOG NUMBER: P3A05R30W2N902750DE010 E3DLP1H_3500K

Luminous Intensity Polar Plot



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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	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		68	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	54		61	57	53		61	56	53	52

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	88502
5°	85758
10°	77264
15°	63905
20°	49471
25°	37115
30°	26941
35°	17962
40°	11049
45°	6481
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: 6481 cd/sqm

TEST NUMBER: P1288829

CATALOG NUMBER: P3A05R30W2N902750DE010 E3DLP1H_3500K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	35.8	13.8
10°-20°	77.5	29.9
20°-30°	70.5	27.2
30°-40°	42.7	16.5
40°-50°	17.1	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°	183.9	71.0
0°-40°	226.5	87.5
0°-60°	251.2	97.0
0°-90°	258.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	258.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	404	
5°	390	36
15°	282	78
25°	153	71
35°	67	43
45°	21	17
55°	8	8
65°	4	5
75°	2	2
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	403.6
1°	403.2
2°	401.6
3°	398.8
4°	394.8
5°	389.6
6°	383.1
7°	376.3
8°	367.5
9°	357.4
10°	347.0
11°	334.9
12°	322.1
13°	309.2
14°	295.2
15°	281.5
17.5°	245.8
20°	212.0
22.5°	180.7
25°	153.4
27.5°	128.5
30°	106.4
32.5°	85.9
35°	67.1
37.5°	51.4
40°	38.6
42.5°	28.1
45°	20.9
47.5°	15.7
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



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)