

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: P1288858

Luminaire Tested: P3A05R30W2N902750DE010 E3PHLD1MW_3000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1288858
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-12)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R30W2N902750DE010 E3PHLD1MW_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R30 optic, 3000K CCT AND, 90CRI ,
E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

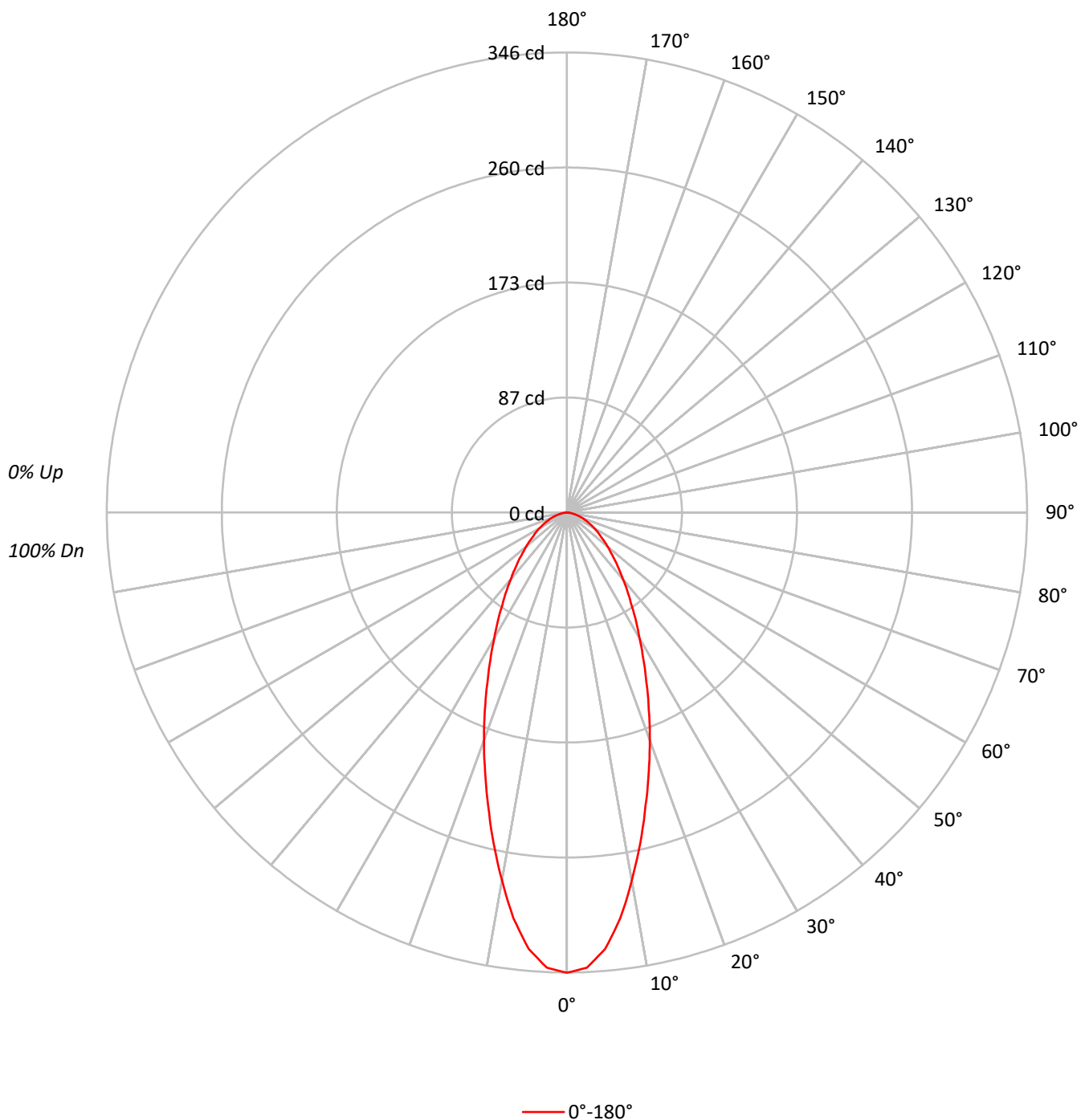
Lumens per Lamp: N/A
Luminaire Lumens: 308.0 lumens
Efficiency: N/A
Efficacy: 52.2 lumens/watt
Spacing Criteria (0/90/45): 0.65 / 0.65 / 0.74
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1288858

CATALOG NUMBER: P3A05R30W2N902750DE010 E3PHLD1MW_3000K

Luminous Intensity Polar Plot





TEST NUMBER: P1288858

CATALOG NUMBER: P3A05R30W2N902750DE010 E3PHLD1MW_3000K

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	112	108	105	102	109	106	103	100	102	99	97		98	96	94		94	93	91	90
2	104	98	93	88	102	96	91	87	93	89	85		90	86	83		87	84	82	80
3	97	89	83	78	95	88	82	77	85	80	76		82	78	75		80	76	73	71
4	91	82	75	69	89	80	74	69	78	72	68		76	71	67		74	70	66	65
5	85	75	68	63	84	74	67	62	72	66	62		70	65	61		69	64	61	59
6	80	69	62	57	79	69	62	57	67	61	56		65	60	56		64	59	56	54
7	76	65	57	52	74	64	57	52	62	56	52		61	56	52		60	55	51	50
8	71	60	53	48	70	60	53	48	58	52	48		57	52	48		56	51	48	46
9	68	57	50	45	66	56	49	45	55	49	45		54	49	45		53	48	44	43
10	64	53	47	42	63	53	46	42	52	46	42		51	46	42		50	45	42	40

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	75893
5°	72529
10°	62568
15°	51873
20°	42517
25°	34260
30°	27625
35°	22620
40°	18807
45°	15940
50°	13646
55°	11775
60°	10525
65°	9184
70°	8078
75°	6778
80°	5051
85°	2768

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 15940 cd/sqm

TEST NUMBER: P1288858

CATALOG NUMBER: P3A05R30W2N902750DE010 E3PHLD1MW_3000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	29.9	9.7
10°-20°	63.7	20.7
20°-30°	65.3	21.2
30°-40°	53.4	17.3
40°-50°	39.9	13.0
50°-60°	28.0	9.1
60°-70°	17.6	5.7
70°-80°	8.5	2.8
80°-90°	1.6	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°	158.9	51.6
0°-40°	212.2	68.9
0°-60°	280.2	91.0
0°-90°	308.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	308.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	346	
5°	330	30
15°	228	64
25°	142	65
35°	84	53
45°	51	40
55°	31	28
65°	18	18
75°	8	9
85°	1	2
90°	0	

TEST NUMBER: P1288858

CATALOG NUMBER: P3A05R30W2N902750DE010 E3PHLD1MW_3000K

CANDELA DISTRIBUTION (FULL):

0°	
0°	346.1
2.5°	342.7
5°	329.5
7.5°	307.8
10°	281.0
12.5°	254.7
15°	228.5
17.5°	204.5
20°	182.2
22.5°	161.1
25°	141.6
27.5°	124.5
30°	109.1
32.5°	96.5
35°	84.5
37.5°	74.8
40°	65.7
42.5°	58.3
45°	51.4
47.5°	45.1
50°	40.0
52.5°	35.4
55°	30.8
57.5°	27.4
60°	24.0
62.5°	20.6
65°	17.7
67.5°	14.8
70°	12.6
72.5°	10.3
75°	8.0
77.5°	5.7
80°	4.0
82.5°	2.3
85°	1.1
87.5°	0.6
90°	0.0

(END OF REPORT)