

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: P1288690

Luminaire Tested: P3A05R25W2N902765DE010 E3PH1MW_3000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1288690
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-3)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R25W2N902765DE010 E3PH1MW_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 3000K CCT AND, 90CRI ,
E3PH1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

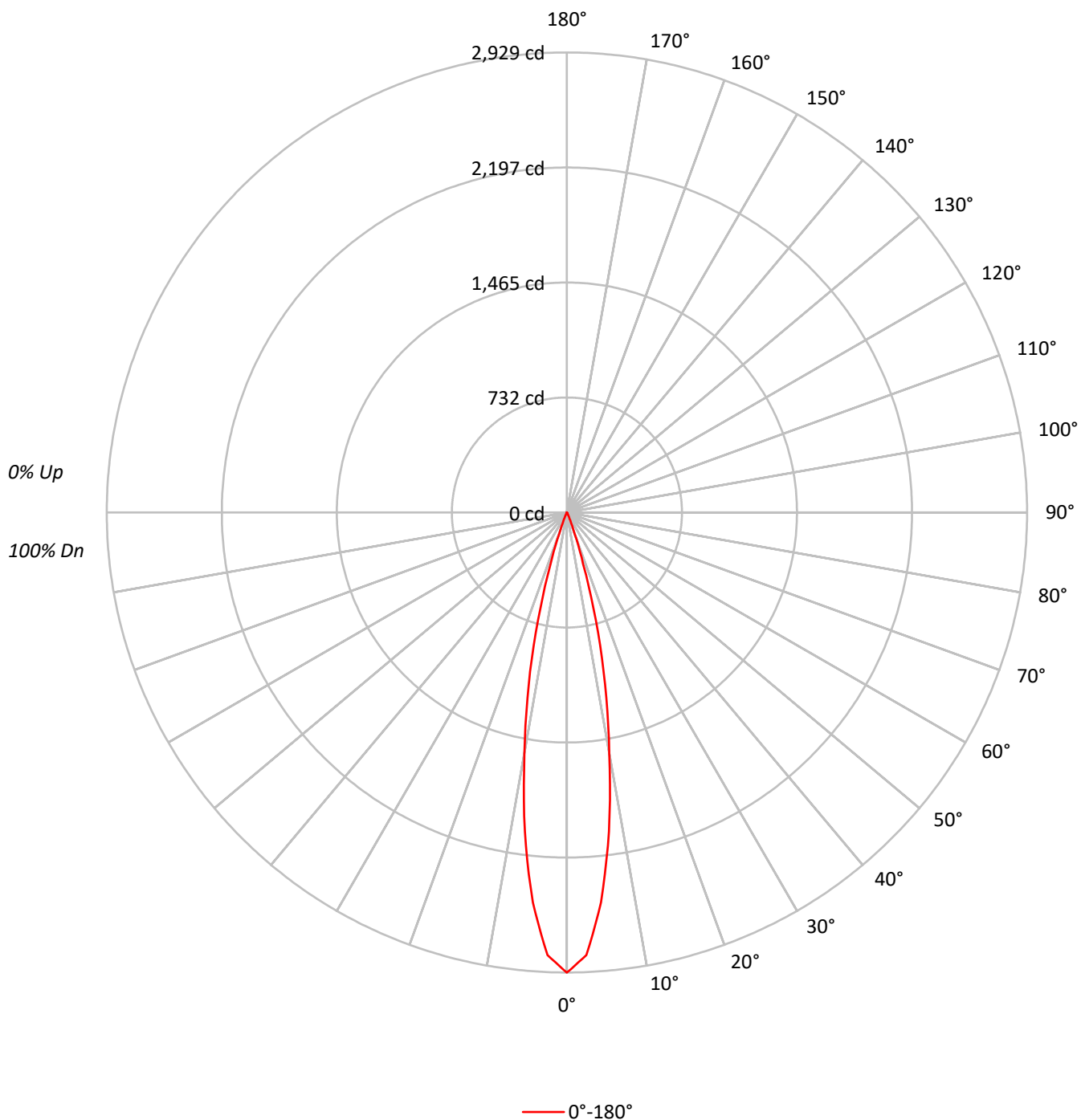
Lumens per Lamp: N/A
Luminaire Lumens: 420.0 lumens
Efficiency: N/A
Efficacy: 71.2 lumens/watt
Spacing Criteria (0/90/45): 0.36 / 0.36 / 0.36
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1288690

CATALOG NUMBER: P3A05R25W2N902765DE010 E3PH1MW_3000K

Luminous Intensity Polar Plot



TEST NUMBER: P1288690

CATALOG NUMBER: P3A05R25W2N902765DE010 E3PH1MW_3000K

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20				20				20				20
RC	80				70				50				30				10				0				0				0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	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	102	102	102	102	102	102	102	102	102	102	102	100
1	116	114	112	111	113	112	110	109	108	107	106	104	103	102	101	100	99	99	98	97	96	95	94	93	92	91	90	89	88
2	113	109	107	105	111	108	105	103	105	103	101	102	100	99	99	98	97	96	95	94	93	92	91	90	89	88	87	86	85
3	110	106	103	100	108	104	102	99	102	100	98	100	98	96	98	96	95	94	93	92	91	90	89	88	87	86	85	84	83
4	107	103	99	97	106	102	99	96	100	97	95	98	96	94	96	95	93	92	91	90	89	88	87	86	85	84	83	82	81
5	105	100	96	94	103	99	96	93	97	95	93	96	94	92	95	93	91	90	89	88	87	86	85	84	83	82	81	80	79
6	102	97	94	91	101	97	93	91	95	93	91	94	92	90	93	91	89	88	87	86	85	84	83	82	81	80	79	78	77
7	100	95	92	89	99	95	91	89	94	91	89	93	90	88	92	89	88	87	86	85	84	83	82	81	80	79	78	77	76
8	98	93	90	87	98	93	89	87	92	89	87	91	88	87	90	88	86	85	84	83	82	81	80	79	78	77	76	75	74
9	97	91	88	86	96	91	88	85	90	87	85	89	87	85	89	86	85	84	83	82	81	80	79	78	77	76	75	74	73
10	95	89	86	84	94	89	86	84	88	86	84	88	85	83	87	85	83	82	81	80	79	78	77	76	75	74	73	72	71

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	642361
5°	548623
10°	345885
15°	160977
20°	33160
25°	6775
30°	1443
35°	294
40°	172
45°	0
50°	0
55°	0
60°	0
65°	0
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

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

TEST NUMBER: P1288690

CATALOG NUMBER: P3A05R25W2N902765DE010 E3PH1MW_3000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	207.7	49.5
10°-20°	192.9	45.9
20°-30°	18.3	4.3
30°-40°	1.1	0.3
40°-50°	0.1	0.0
50°-60°	0.0	0.0
60°-70°	0.0	0.0
70°-80°	0.0	0.0
80°-90°	0.0	0.0
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°	418.9	99.7
0°-40°	420.0	100.0
0°-60°	420.0	100.0
0°-90°	420.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	420.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2929	
5°	2492	208
15°	709	193
25°	28	18
35°	1	1
45°	0	0
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	

TEST NUMBER: P1288690

CATALOG NUMBER: P3A05R25W2N902765DE010 E3PH1MW_3000K

CANDELA DISTRIBUTION (FULL):

0°	
0°	2929.4
2.5°	2820.5
5°	2492.4
7.5°	2049.2
10°	1553.4
12.5°	1122.1
15°	709.1
17.5°	342.9
20°	142.1
22.5°	56.5
25°	28.0
27.5°	13.1
30°	5.7
32.5°	2.3
35°	1.1
37.5°	0.6
40°	0.6
42.5°	0.0
45°	0.0
47.5°	0.0
50°	0.0
52.5°	0.0
55°	0.0
57.5°	0.0
60°	0.0
62.5°	0.0
65°	0.0
67.5°	0.0
70°	0.0
72.5°	0.0
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)