

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: P1289221

Luminaire Tested: P3A05R35W2N902765DE010 E3CD1MB_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1289221
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-20)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R35W2N902765DE010 E3CD1MB_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R35 optic, 5000K CCT AND, 90CRI ,
E3CD1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

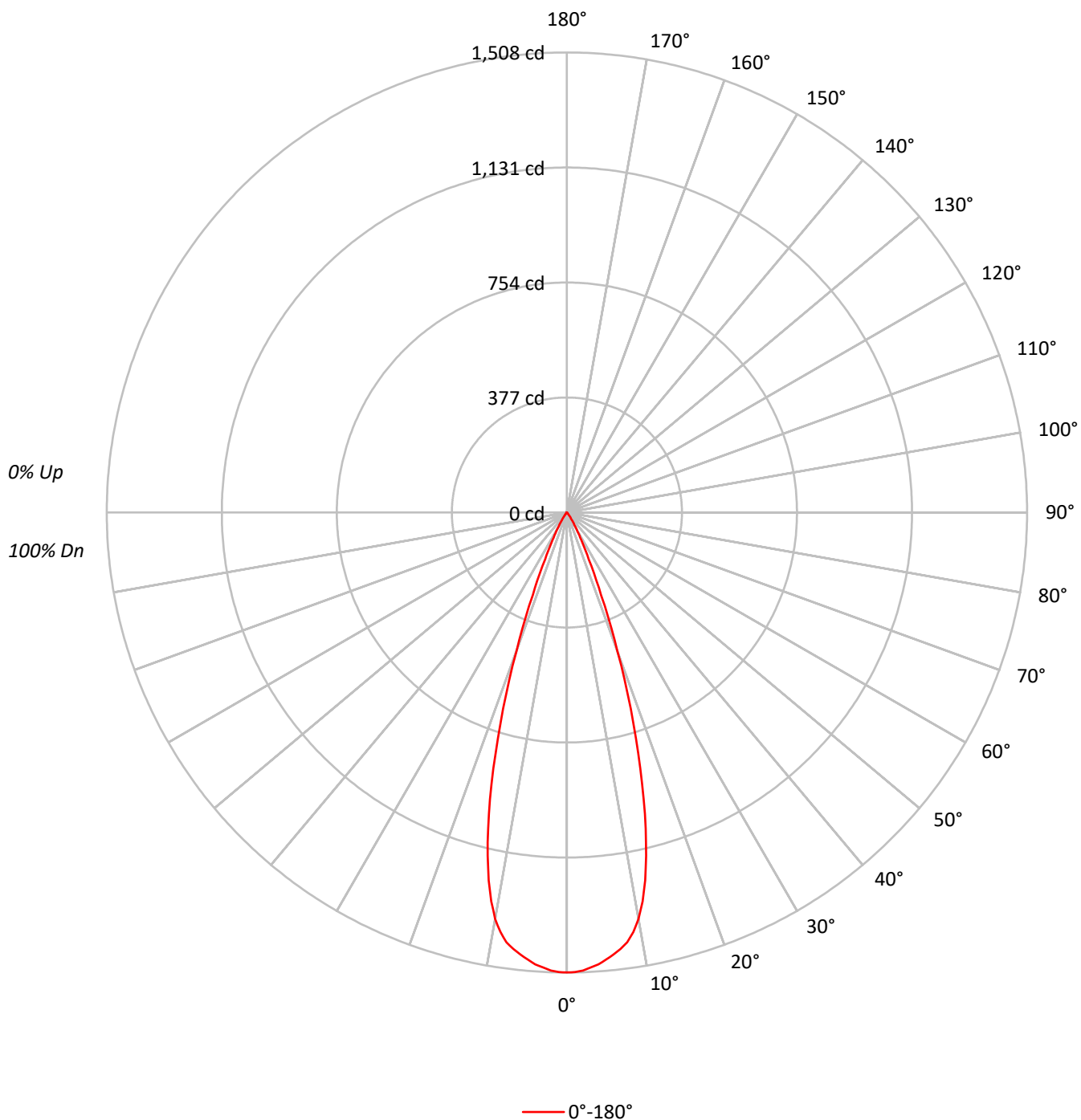
Lumens per Lamp: N/A
Luminaire Lumens: 507.0 lumens
Efficiency: N/A
Efficacy: 85.9 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.52
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1289221

CATALOG NUMBER: P3A05R35W2N902765DE010 E3CD1MB_5000K

Luminous Intensity Polar Plot





TEST NUMBER: P1289221

CATALOG NUMBER: P3A05R35W2N902765DE010 E3CD1MB_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	0		
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	115	113	111	109	112	110	109	107	106	105	104	103	102	101	99	99	98	96		
2	111	107	104	101	109	105	103	100	102	100	98	99	98	96	97	95	94	93		
3	107	102	98	95	105	101	97	95	98	96	93	96	94	92	94	92	90	89		
4	104	98	94	91	102	97	93	90	95	92	89	93	90	88	91	89	87	86		
5	100	94	90	87	99	93	89	86	92	88	86	90	87	85	89	86	84	83		
6	97	91	86	83	96	90	86	83	89	85	82	87	84	82	86	83	81	80		
7	94	87	83	80	93	87	83	80	86	82	79	85	81	79	84	81	79	77		
8	91	84	80	77	90	84	80	77	83	79	77	82	79	76	81	78	76	75		
9	89	82	77	74	88	81	77	74	80	77	74	80	76	74	79	76	74	73		
10	86	79	75	72	85	79	75	72	78	74	72	77	74	72	77	74	71	70		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	330588
5°	323860
10°	301286
15°	220887
20°	113107
25°	40768
30°	15876
35°	5568
40°	2290
45°	620
50°	546
55°	612
60°	526
65°	415
70°	513
75°	678
80°	505
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 75°

Luminance: 678 cd/sqm

TEST NUMBER: P1289221

CATALOG NUMBER: P3A05R35W2N902765DE010 E3CD1MB_5000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	137.2	27.1
10°-20°	257.4	50.8
20°-30°	91.1	18.0
30°-40°	16.0	3.1
40°-50°	2.3	0.5
50°-60°	1.3	0.3
60°-70°	0.9	0.2
70°-80°	0.7	0.1
80°-90°	0.2	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°	485.6	95.8
0°-40°	501.6	98.9
0°-60°	505.2	99.6
0°-90°	507.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	507.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1508	
5°	1471	137
15°	973	257
25°	168	91
35°	21	16
45°	2	2
55°	2	1
65°	1	1
75°	1	1
85°	0	0
90°	0	

TEST NUMBER: P1289221

CATALOG NUMBER: P3A05R35W2N902765DE010 E3CD1MB_5000K

CANDELA DISTRIBUTION (FULL):

0°	
0°	1507.6
1°	1507.2
2°	1502.5
3°	1493.3
4°	1484.9
5°	1471.3
6°	1457.3
7°	1441.8
8°	1422.6
9°	1392.7
10°	1353.1
11°	1298.4
12°	1232.5
13°	1154.3
14°	1068.0
15°	973.0
17.5°	724.7
20°	484.7
22.5°	292.3
25°	168.5
27.5°	100.6
30°	62.7
32.5°	36.3
35°	20.8
37.5°	13.2
40°	8.0
42.5°	4.0
45°	2.0
47.5°	1.6
50°	1.6
52.5°	1.6
55°	1.6
57.5°	1.2
60°	1.2
62.5°	1.2
65°	0.8
67.5°	0.8
70°	0.8
72.5°	0.8
75°	0.8
77.5°	0.4
80°	0.4
82.5°	0.4
85°	0.0
87.5°	0.0



TEST NUMBER: P1289221

CATALOG NUMBER: P3A05R35W2N902765DE010 E3CD1MB_5000K

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)