

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: P1289345

Luminaire Tested: P3A05R35W2N902765DE010 E3DLP1WMH_3500K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1289345
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-17)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R35W2N902765DE010 E3DLP1WMH_3500K
Description: 3in Adjustable Tunable White LED luminaire with, R35 optic, 3500K CCT AND, 90CRI ,
E3DLP1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

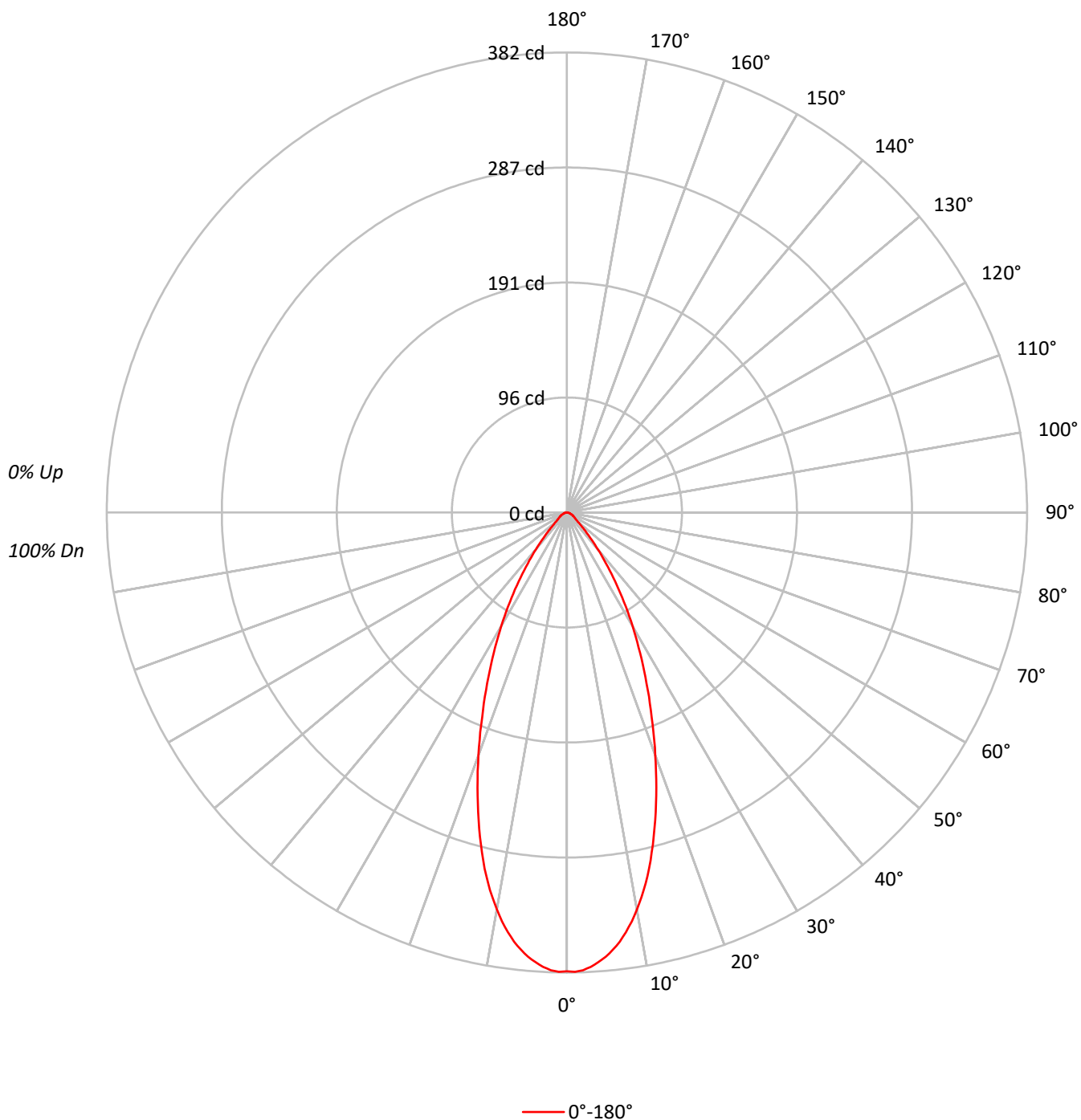
Lumens per Lamp: N/A
Luminaire Lumens: 260.0 lumens
Efficiency: N/A
Efficacy: 44.1 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.72
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1289345

CATALOG NUMBER: P3A05R35W2N902765DE010 E3DLP1WMH_3500K

Luminous Intensity Polar Plot



TEST NUMBER: P1289345

CATALOG NUMBER: P3A05R35W2N902765DE010 E3DLP1WMH_3500K

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	94	105	100	97	93	97	94	91		94	92	89		91	89	87	86
3	102	95	90	86	100	94	89	85	91	87	84		89	85	82		86	84	81	80
4	97	89	83	79	95	88	82	78	86	81	77		84	80	77		82	78	76	74
5	92	83	77	73	90	82	77	73	81	76	72		79	75	71		77	74	71	69
6	87	78	72	68	86	77	72	68	76	71	67		75	70	67		73	69	66	65
7	83	74	68	63	82	73	67	63	72	67	63		71	66	63		69	65	62	61
8	79	70	64	60	78	69	63	59	68	63	59		67	62	59		66	62	59	57
9	76	66	60	56	75	66	60	56	65	59	56		64	59	56		63	59	56	54
10	72	63	57	53	71	62	57	53	61	56	53		61	56	53		60	56	53	51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	83568
5°	81510
10°	74525
15°	63247
20°	50078
25°	37865
30°	27574
35°	18658
40°	11450
45°	6574
50°	3957
55°	3211
60°	2807
65°	2491
70°	2052
75°	2033
80°	2020
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 6574 cd/sqm

TEST NUMBER: P1289345

CATALOG NUMBER: P3A05R35W2N902765DE010 E3DLP1WMH_3500K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	34.2	13.2
10°-20°	76.8	29.5
20°-30°	71.9	27.6
30°-40°	44.0	16.9
40°-50°	17.3	6.7
50°-60°	7.6	2.9
60°-70°	4.7	1.8
70°-80°	2.5	1.0
80°-90°	0.9	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°	182.9	70.4
0°-40°	226.9	87.3
0°-60°	251.8	96.9
0°-90°	260.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	260.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	381	
5°	370	34
15°	279	77
25°	156	72
35°	70	44
45°	21	17
55°	8	8
65°	5	5
75°	2	3
85°	1	1
90°	0	



TEST NUMBER: P1289345

CATALOG NUMBER: P3A05R35W2N902765DE010 E3DLP1WMH_3500K

CANDELA DISTRIBUTION (FULL):

0°	
0°	381.1
1°	381.5
2°	380.3
3°	377.9
4°	374.3
5°	370.3
6°	365.1
7°	359.1
8°	351.9
9°	343.9
10°	334.7
11°	325.1
12°	314.7
13°	303.5
14°	291.0
15°	278.6
17.5°	246.6
20°	214.6
22.5°	183.8
25°	156.5
27.5°	131.3
30°	108.9
32.5°	88.1
35°	69.7
37.5°	53.2
40°	40.0
42.5°	28.8
45°	21.2
47.5°	15.2
50°	11.6
52.5°	9.6
55°	8.4
57.5°	7.2
60°	6.4
62.5°	5.6
65°	4.8
67.5°	4.0
70°	3.2
72.5°	2.8
75°	2.4
77.5°	2.0
80°	1.6
82.5°	1.2
85°	0.8
87.5°	0.4



TEST NUMBER: P1289345

CATALOG NUMBER: P3A05R35W2N902765DE010 E3DLP1WMH_3500K

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)