

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: P1289242

Luminaire Tested: P3A05R35W2N902765DE010 E3DL1GPH_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1289242
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-19)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R35W2N902765DE010 E3DL1GPH_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R35 optic, 3000K CCT AND, 90CRI ,
E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

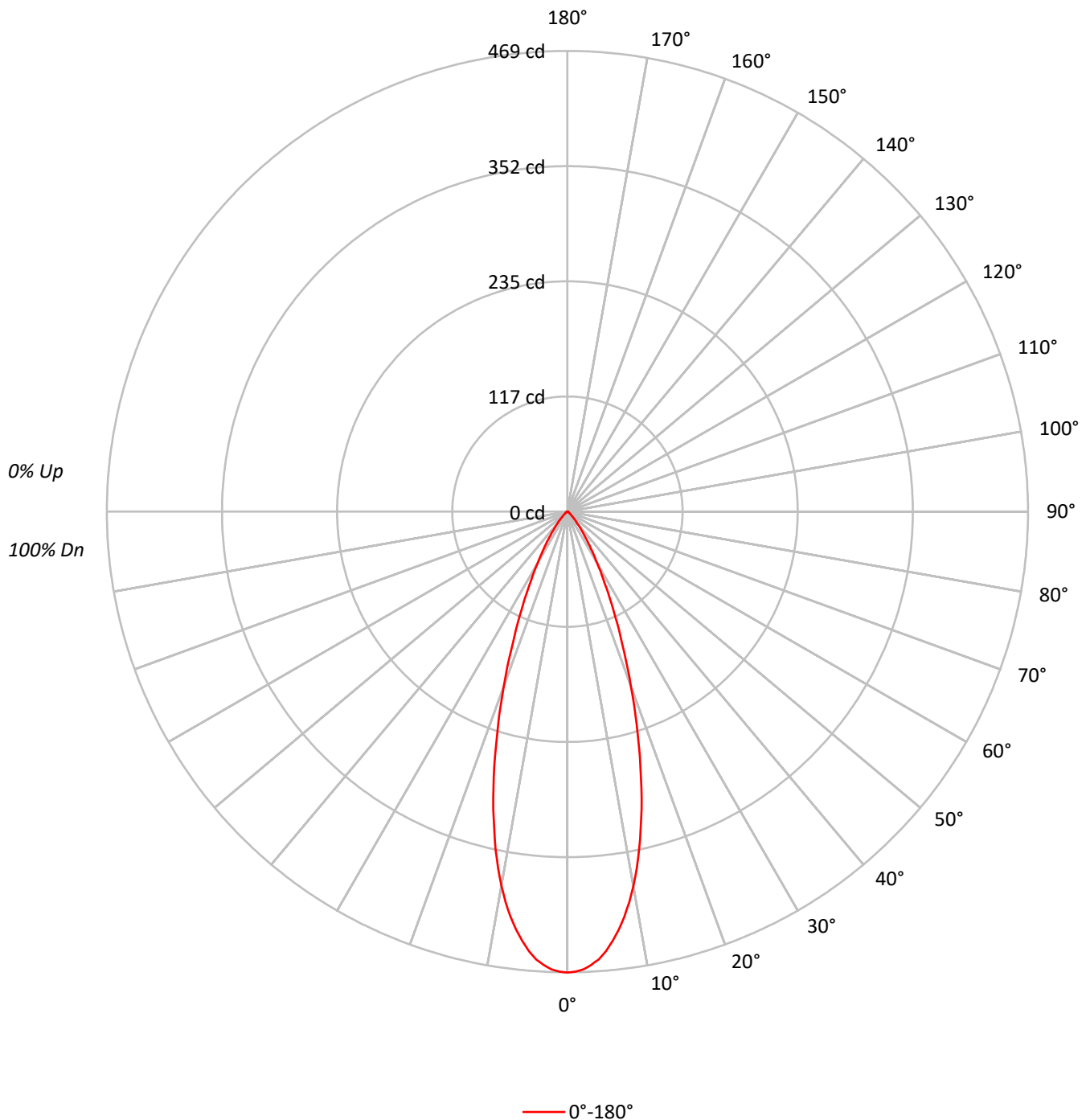
Lumens per Lamp: N/A
Luminaire Lumens: 204.0 lumens
Efficiency: N/A
Efficacy: 34.6 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.58
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1289242

CATALOG NUMBER: P3A05R35W2N902765DE010 E3DL1GPH_3000K

Luminous Intensity Polar Plot





TEST NUMBER: P1289242

CATALOG NUMBER: P3A05R35W2N902765DE010 E3DL1GPH_3000K

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	114	112	109	107	112	109	107	106	105	104	102	102	100	99	98	97	96	95		
2	109	105	101	98	107	103	100	97	100	97	95	97	95	93	94	93	91	90		
3	105	99	95	91	103	98	94	90	95	92	89	93	90	88	91	88	86	85		
4	100	94	89	85	99	93	88	85	91	87	84	89	85	83	87	84	82	80		
5	96	89	84	80	95	88	83	80	86	82	79	85	81	78	83	80	78	76		
6	92	85	80	76	91	84	79	76	83	78	75	81	77	75	80	77	74	73		
7	89	81	76	72	88	80	75	72	79	75	71	78	74	71	77	73	71	70		
8	85	77	72	69	84	77	72	68	76	71	68	75	71	68	74	70	68	66		
9	82	74	69	66	81	74	69	65	73	68	65	72	68	65	71	67	65	64		
10	79	71	66	63	78	71	66	63	70	66	63	69	65	62	69	65	62	61		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	102886
5°	98877
10°	86148
15°	65994
20°	44151
25°	26711
30°	15319
35°	8566
40°	4551
45°	2357
50°	1126
55°	879
60°	833
65°	726
70°	769
75°	678
80°	758
85°	503

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 2357 cd/sqm

TEST NUMBER: P1289242

CATALOG NUMBER: P3A05R35W2N902765DE010 E3DL1GPH_3000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	40.9	20.0
10°-20°	79.2	38.8
20°-30°	51.9	25.4
30°-40°	21.0	10.3
40°-50°	6.3	3.1
50°-60°	2.1	1.0
60°-70°	1.4	0.7
70°-80°	0.9	0.4
80°-90°	0.3	0.1
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°	171.9	84.3
0°-40°	193.0	94.6
0°-60°	201.4	98.7
0°-90°	204.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	204.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	469	
5°	449	41
15°	291	79
25°	110	52
35°	32	21
45°	8	6
55°	2	2
65°	1	1
75°	1	1
85°	0	0
90°	0	

TEST NUMBER: P1289242

CATALOG NUMBER: P3A05R35W2N902765DE010 E3DL1GPH_3000K

CANDELA DISTRIBUTION (FULL):

0°	
0°	469.2
1°	468.4
2°	466.3
3°	462.0
4°	457.0
5°	449.2
6°	439.5
7°	428.7
8°	416.4
9°	402.5
10°	386.9
11°	369.7
12°	351.6
13°	331.4
14°	312.2
15°	290.7
17.5°	238.5
20°	189.2
22.5°	145.5
25°	110.4
27.5°	82.3
30°	60.5
32.5°	44.4
35°	32.0
37.5°	22.7
40°	15.9
42.5°	11.1
45°	7.6
47.5°	5.0
50°	3.3
52.5°	2.5
55°	2.3
57.5°	2.1
60°	1.9
62.5°	1.7
65°	1.4
67.5°	1.2
70°	1.2
72.5°	1.0
75°	0.8
77.5°	0.6
80°	0.6
82.5°	0.4
85°	0.2
87.5°	0.2



TEST NUMBER: P1289242

CATALOG NUMBER: P3A05R35W2N902765DE010 E3DL1GPH_3000K

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)