

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: P1290793

Luminaire Tested: P3A05R60W2N902765DE010 E3D1MW_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1290793
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-40)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R60W2N902765DE010 E3D1MW_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R60 optic, 3000K CCT AND, 90CRI ,
E3D1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

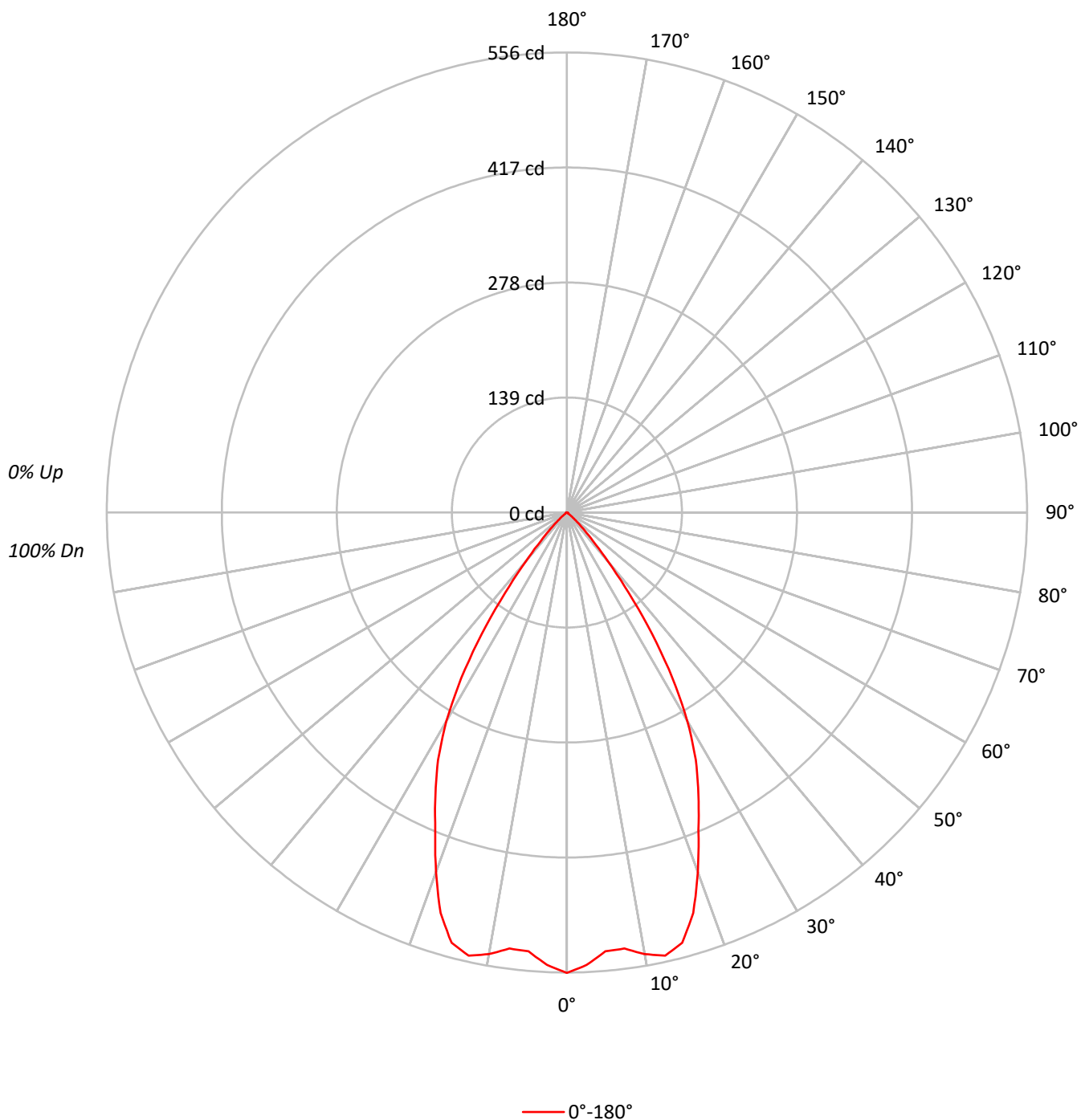
Lumens per Lamp: N/A
Luminaire Lumens: 511.0 lumens
Efficiency: N/A
Efficacy: 86.6 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 0.91
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1290793

CATALOG NUMBER: P3A05R60W2N902765DE010 E3D1MW_3000K

Luminous Intensity Polar Plot



TEST NUMBER: P1290793

CATALOG NUMBER: P3A05R60W2N902765DE010 E3D1MW_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	114	111	108	106	111	109	106	104	105	103	101		101	100	98		97	96	95	94
2	108	103	99	96	106	102	98	95	98	95	93		95	93	91		93	91	89	87
3	103	96	91	88	101	95	90	87	92	89	85		90	87	84		88	85	83	81
4	98	90	85	81	96	89	84	80	87	83	79		85	81	78		83	80	77	76
5	93	84	79	74	91	84	78	74	82	77	73		80	76	73		79	75	72	71
6	88	79	73	69	87	78	73	69	77	72	68		76	71	68		74	70	68	66
7	84	75	69	64	82	74	68	64	73	68	64		71	67	64		70	66	63	62
8	80	70	64	60	78	70	64	60	69	64	60		68	63	60		67	62	59	58
9	76	66	61	57	75	66	60	56	65	60	56		64	59	56		63	59	56	55
10	72	63	57	53	71	62	57	53	62	56	53		61	56	53		60	56	53	51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	122030
5°	117191
10°	120661
15°	122203
20°	107903
25°	90949
30°	73758
35°	48024
40°	22070
45°	8466
50°	2831
55°	765
60°	702
65°	623
70°	513
75°	678
80°	505
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 8466 cd/sqm

TEST NUMBER: P1290793

CATALOG NUMBER: P3A05R60W2N902765DE010 E3D1MW_3000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	51.2	10.0
10°-20°	147.4	28.8
20°-30°	171.9	33.6
30°-40°	110.9	21.7
40°-50°	24.9	4.9
50°-60°	2.5	0.5
60°-70°	1.2	0.2
70°-80°	0.7	0.1
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°	370.6	72.5
0°-40°	481.5	94.2
0°-60°	508.9	99.6
0°-90°	511.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	511.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	556	
5°	532	51
15°	538	147
25°	376	172
35°	179	111
45°	27	25
55°	2	3
65°	1	1
75°	1	1
85°	0	0
90°	0	

TEST NUMBER: P1290793

CATALOG NUMBER: P3A05R60W2N902765DE010 E3D1MW_3000K

CANDELA DISTRIBUTION (FULL):

0°	
0°	556.5
2.5°	547.4
5°	532.4
7.5°	531.6
10°	541.9
12.5°	548.6
15°	538.3
17.5°	507.5
20°	462.4
22.5°	415.4
25°	375.9
27.5°	337.1
30°	291.3
32.5°	237.5
35°	179.4
37.5°	122.5
40°	77.1
42.5°	46.2
45°	27.3
47.5°	15.8
50°	8.3
52.5°	2.8
55°	2.0
57.5°	1.6
60°	1.6
62.5°	1.2
65°	1.2
67.5°	1.2
70°	0.8
72.5°	0.8
75°	0.8
77.5°	0.4
80°	0.4
82.5°	0.4
85°	0.4
87.5°	0.0
90°	0.0

(END OF REPORT)