

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: P1301018

Luminaire Tested: P3A17R40W2N902765DE010 E3DLD1MW_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1301018
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-22)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R40W2N902765DE010 E3DLD1MW_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R40 optic, 3000K CCT AND, 90CRI ,
E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

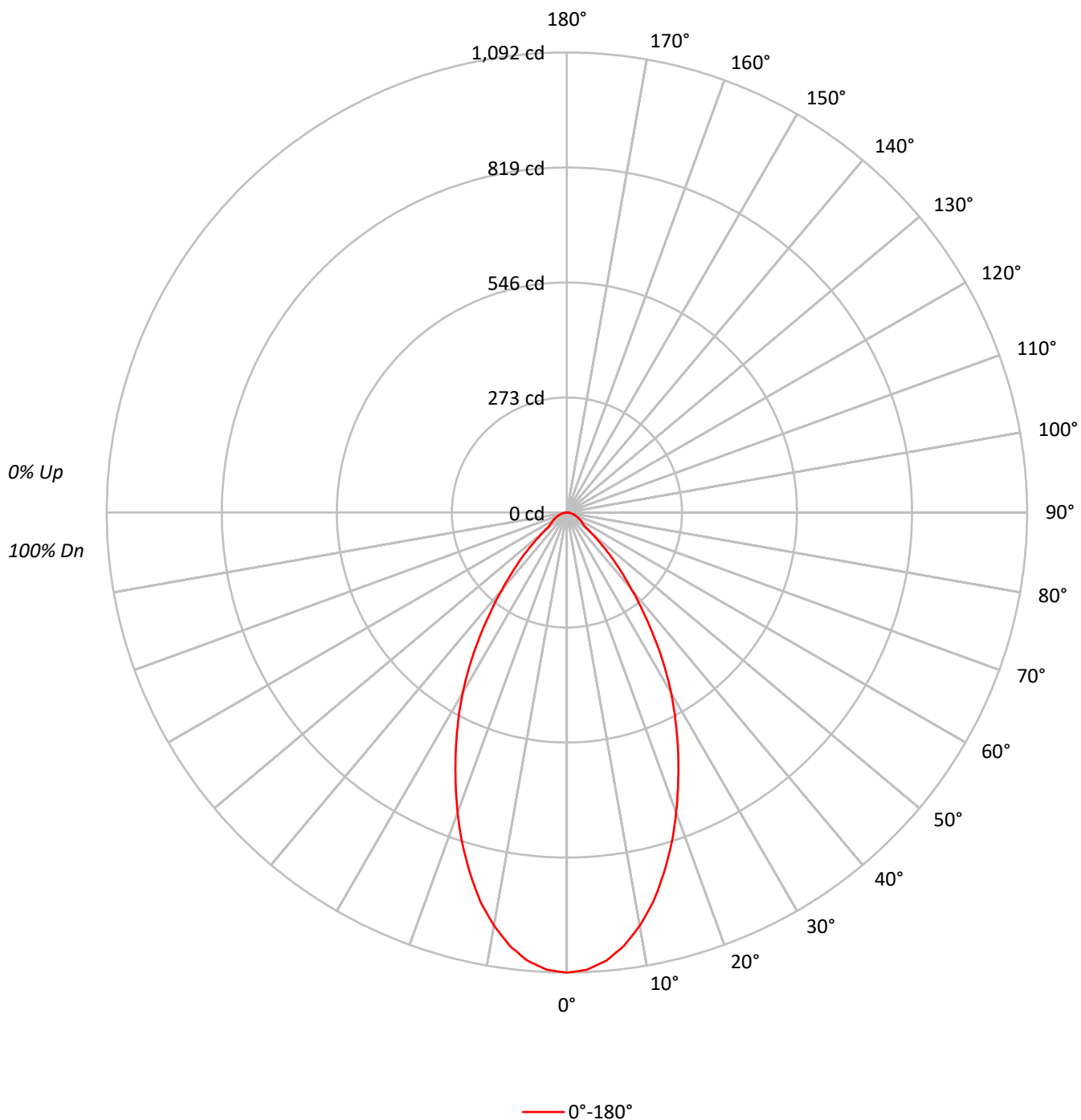
Lumens per Lamp: N/A
Luminaire Lumens: 1067.0 lumens
Efficiency: N/A
Efficacy: 55.0 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 19.4
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: P1301018

CATALOG NUMBER: P3A17R40W2N902765DE010 E3DLD1MW_3000K

Luminous Intensity Polar Plot



TEST NUMBER: P1301018

CATALOG NUMBER: P3A17R40W2N902765DE010 E3DLD1MW_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	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	112	109	106	104	110	107	104	102	103	101	99	99	98	96	96	94	93	91		
2	106	100	96	92	104	98	94	91	95	92	89	92	89	87	89	87	85	83		
3	100	92	87	82	98	91	86	81	88	84	80	86	82	79	83	80	78	76		
4	94	85	79	74	92	84	78	74	82	77	73	80	75	72	78	74	71	69		
5	89	79	73	68	87	78	72	67	76	71	67	75	70	66	73	69	66	64		
6	84	74	67	62	82	73	67	62	71	66	61	70	65	61	68	64	61	59		
7	79	69	62	57	78	68	62	57	67	61	57	65	60	57	64	60	56	55		
8	75	64	58	53	74	64	57	53	63	57	53	62	56	53	61	56	52	51		
9	71	60	54	50	70	60	54	50	59	53	49	58	53	49	57	52	49	48		
10	67	57	51	46	66	56	50	46	56	50	46	55	50	46	54	49	46	45		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	239520
5°	235174
10°	221684
15°	201363
20°	176882
25°	151049
30°	125133
35°	96503
40°	68672
45°	46268
50°	25244
55°	17815
60°	16753
65°	15462
70°	13784
75°	13132
80°	10607
85°	9057

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 46268 cd/sqm

TEST NUMBER: P1301018

CATALOG NUMBER: P3A17R40W2N902765DE010 E3DLD1MW_3000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	99.6	9.3
10°-20°	247.1	23.2
20°-30°	285.6	26.8
30°-40°	225.1	21.1
40°-50°	115.5	10.8
50°-60°	44.2	4.1
60°-70°	29.2	2.7
70°-80°	15.9	1.5
80°-90°	4.7	0.4
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°	632.3	59.3
0°-40°	857.4	80.4
0°-60°	1017.2	95.3
0°-90°	1067.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1067.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1092	
5°	1068	100
15°	887	247
25°	624	286
35°	360	225
45°	149	116
55°	47	44
65°	30	29
75°	16	16
85°	4	5
90°	0	

TEST NUMBER: P1301018

CATALOG NUMBER: P3A17R40W2N902765DE010 E3DLD1MW_3000K

CANDELA DISTRIBUTION (FULL):

0°	
0°	1092.3
2.5°	1086.3
5°	1068.4
7.5°	1037.4
10°	995.6
12.5°	946.7
15°	887.0
17.5°	824.9
20°	758.0
22.5°	690.0
25°	624.3
27.5°	558.7
30°	494.2
32.5°	428.6
35°	360.5
37.5°	297.2
40°	239.9
42.5°	191.0
45°	149.2
47.5°	108.6
50°	74.0
52.5°	53.7
55°	46.6
57.5°	41.8
60°	38.2
62.5°	33.4
65°	29.8
67.5°	25.1
70°	21.5
72.5°	17.9
75°	15.5
77.5°	11.9
80°	8.4
82.5°	7.2
85°	3.6
87.5°	2.4
90°	0.0

(END OF REPORT)