

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: P1301106

Luminaire Tested: P3A17R45W2N902750DE010 E3DL1GPH_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1301106
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-27)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R45W2N902750DE010 E3DL1GPH_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R45 optic, 2700K CCT AND, 90CRI ,
E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

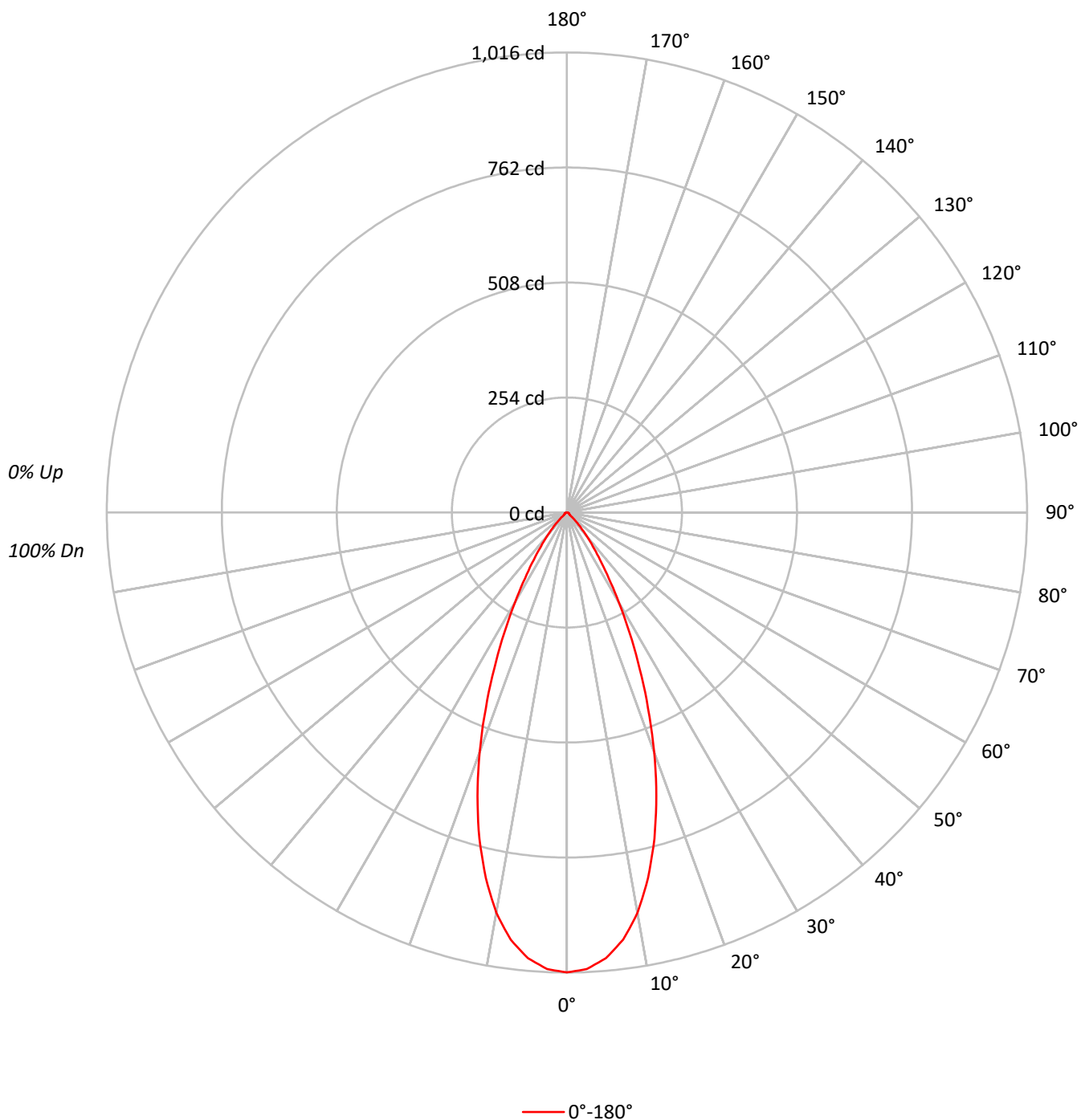
Lumens per Lamp: N/A
Luminaire Lumens: 593.0 lumens
Efficiency: N/A
Efficacy: 30.6 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.69
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

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Luminous Intensity Polar Plot



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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	114	111	109	107	111	109	107	105	105	103	102	101	100	99	98	97	96	94		
2	109	104	100	97	106	102	99	96	99	96	94	96	94	92	93	91	90	88		
3	104	98	93	89	102	96	92	88	94	90	87	91	88	86	89	86	84	83		
4	99	92	87	83	97	91	86	82	89	85	81	87	83	80	85	82	79	78		
5	94	87	81	77	93	86	81	77	84	80	76	82	79	76	81	78	75	74		
6	90	82	76	73	89	81	76	72	80	75	72	78	74	71	77	74	71	70		
7	86	78	72	68	85	77	72	68	76	71	68	75	71	67	74	70	67	66		
8	83	74	68	65	82	73	68	64	72	68	64	71	67	64	70	67	64	62		
9	79	70	65	61	78	70	65	61	69	64	61	68	64	61	67	63	61	59		
10	76	67	62	58	75	67	62	58	66	61	58	65	61	58	65	61	58	57		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	222701
5°	217477
10°	199907
15°	169399
20°	131425
25°	91868
30°	57882
35°	34077
40°	19293
45°	9365
50°	3241
55°	2638
60°	2544
65°	2491
70°	2372
75°	2288
80°	2020
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 9365 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	91.5	15.4
10°-20°	204.9	34.6
20°-30°	174.0	29.3
30°-40°	83.0	14.0
40°-50°	25.0	4.2
50°-60°	6.3	1.1
60°-70°	4.7	0.8
70°-80°	2.8	0.5
80°-90°	0.8	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°	470.4	79.3
0°-40°	553.4	93.3
0°-60°	584.7	98.6
0°-90°	593.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	593.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1016	
5°	988	91
15°	746	205
25°	380	174
35°	127	83
45°	30	25
55°	7	6
65°	5	5
75°	3	3
85°	0	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1015.6
2.5°	1009.2
5°	988.0
7.5°	951.4
10°	897.8
12.5°	826.8
15°	746.2
17.5°	656.5
20°	563.2
22.5°	468.3
25°	379.7
27.5°	299.1
30°	228.6
32.5°	171.8
35°	127.3
37.5°	93.9
40°	67.4
42.5°	46.7
45°	30.2
47.5°	17.0
50°	9.5
52.5°	7.4
55°	6.9
57.5°	6.4
60°	5.8
62.5°	5.3
65°	4.8
67.5°	4.2
70°	3.7
72.5°	3.2
75°	2.7
77.5°	2.1
80°	1.6
82.5°	1.1
85°	0.5
87.5°	0.5
90°	0.0

(END OF REPORT)