

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: P1281823

Luminaire Tested: P3AS05R45B2750DE010 E3DLP1MW_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1281823
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-25)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R45B2750DE010 E3DLP1MW_3000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R45 optic, 3000K CCT AND, 90CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

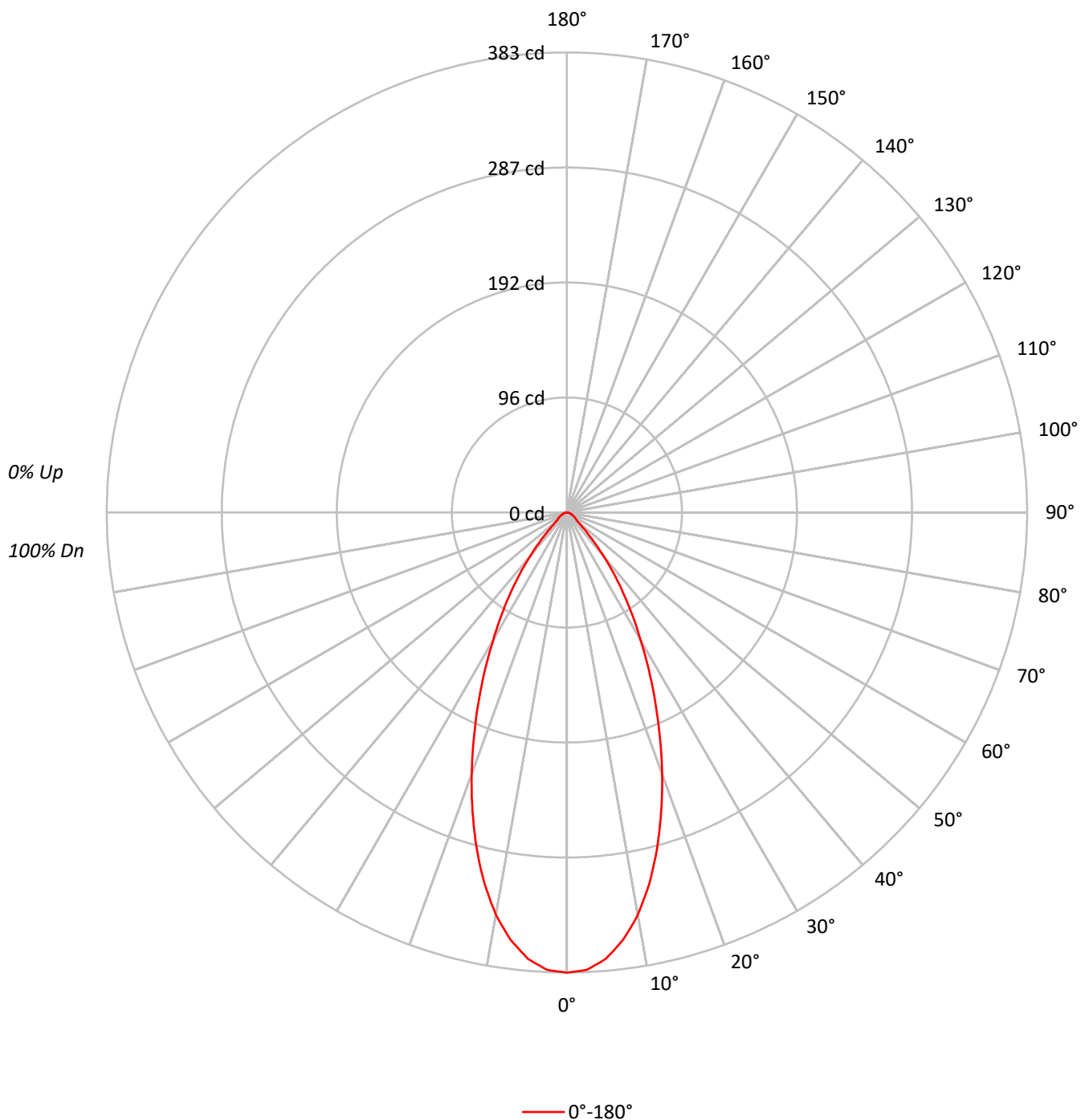
Lumens per Lamp: N/A
Luminaire Lumens: 282.0 lumens
Efficiency: N/A
Efficacy: 47.8 lumens/watt
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.76
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1281823

CATALOG NUMBER: P3AS05R45B2750DE010 E3DLP1MW_3000K

Luminous Intensity Polar Plot



TEST NUMBER: P1281823

CATALOG NUMBER: P3AS05R45B2750DE010 E3DLP1MW_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	113	110	107	105	111	108	106	103	104	102	100	100	99	97	97	96	94	93		
2	107	102	98	94	105	100	96	93	97	94	91	94	91	89	91	89	87	86		
3	102	95	90	85	100	93	89	85	91	87	83	88	85	82	86	83	81	79		
4	96	88	83	78	94	87	82	78	85	81	77	83	79	76	81	78	75	74		
5	91	83	77	72	90	82	76	72	80	75	71	78	74	71	77	73	70	69		
6	87	78	72	67	85	77	71	67	75	70	66	74	69	66	73	69	66	64		
7	83	73	67	63	81	72	67	62	71	66	62	70	65	62	69	65	61	60		
8	79	69	63	59	77	68	63	59	67	62	58	66	62	58	65	61	58	56		
9	75	65	59	55	74	65	59	55	64	59	55	63	58	55	62	58	55	53		
10	72	62	56	52	71	61	56	52	61	55	52	60	55	52	59	55	52	50		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	84006
5°	82082
10°	75728
15°	65835
20°	54091
25°	42075
30°	31068
35°	21870
40°	13654
45°	7381
50°	3991
55°	3441
60°	3070
65°	2646
70°	2244
75°	2288
80°	2020
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 7381 cd/sqm

TEST NUMBER: P1281823

CATALOG NUMBER: P3AS05R45B2750DE010 E3DLP1MW_3000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	34.5	12.2
10°-20°	80.2	28.4
20°-30°	79.6	28.2
30°-40°	51.3	18.2
40°-50°	19.7	7.0
50°-60°	8.0	2.8
60°-70°	5.1	1.8
70°-80°	2.7	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°	194.3	68.9
0°-40°	245.6	87.1
0°-60°	273.3	96.9
0°-90°	282.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	282.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	383	
5°	373	35
15°	290	80
25°	174	80
35°	82	51
45°	24	20
55°	9	8
65°	5	5
75°	3	3
85°	1	1
90°	0	

TEST NUMBER: P1281823

CATALOG NUMBER: P3AS05R45B2750DE010 E3DLP1MW_3000K

CANDELA DISTRIBUTION (FULL):

0°	
0°	383.1
2.5°	381.1
5°	372.9
7.5°	358.8
10°	340.1
12.5°	316.6
15°	290.0
17.5°	261.1
20°	231.8
22.5°	202.1
25°	173.9
27.5°	147.4
30°	122.7
32.5°	101.2
35°	81.7
37.5°	64.1
40°	47.7
42.5°	34.4
45°	23.8
47.5°	16.0
50°	11.7
52.5°	9.8
55°	9.0
57.5°	7.8
60°	7.0
62.5°	5.9
65°	5.1
67.5°	4.3
70°	3.5
72.5°	3.1
75°	2.7
77.5°	2.0
80°	1.6
82.5°	1.2
85°	0.8
87.5°	0.4
90°	0.0

(END OF REPORT)