

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: P1281796

Luminaire Tested: P3AS05R45B2750DE010 E3DLD1MW_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1281796
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-26)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R45B2750DE010 E3DLD1MW_5000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R45 optic, 5000K CCT AND, 80CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

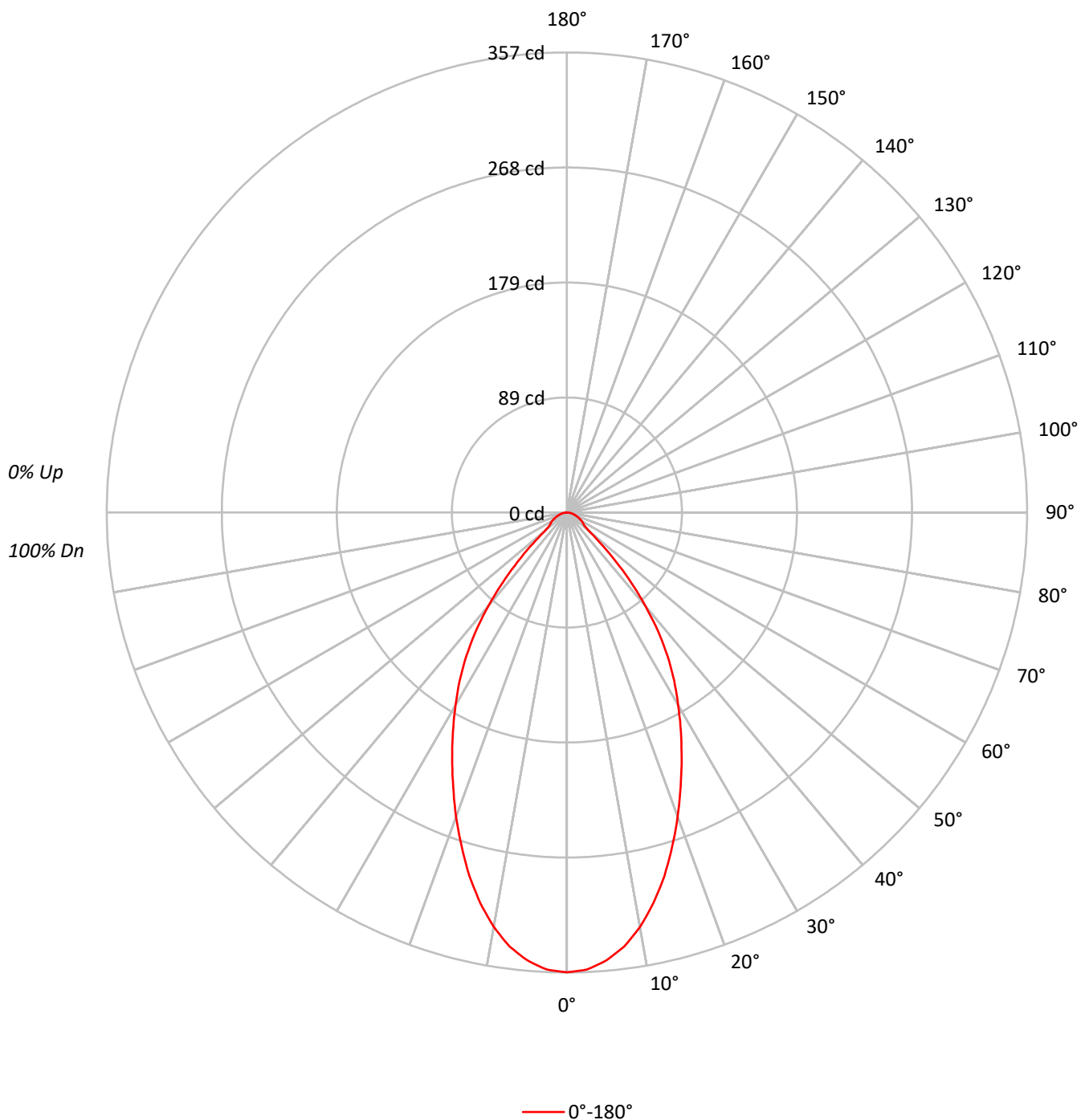
Lumens per Lamp: N/A
Luminaire Lumens: 369.0 lumens
Efficiency: N/A
Efficacy: 62.5 lumens/watt
Spacing Criteria (0/90/45): 0.84 / 0.84 / 0.92
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1281796

CATALOG NUMBER: P3AS05R45B2750DE010 E3DLD1MW_5000K

Luminous Intensity Polar Plot



TEST NUMBER: P1281796

CATALOG NUMBER: P3AS05R45B2750DE010 E3DLD1MW_5000K

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
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	112	109	106	104	110	107	104	102	103	101	99		99	97	96		96
2	106	100	95	91	103	98	94	90	95	91	88		92	89	86		89
3	99	92	86	82	97	90	85	81	88	83	80		85	81	78		83
4	94	85	78	74	92	84	78	73	81	76	72		79	75	71		77
5	88	79	72	67	86	78	71	67	76	70	66		74	69	65		72
6	83	73	66	61	81	72	66	61	71	65	61		69	64	60		68
7	78	68	61	57	77	67	61	56	66	60	56		65	60	56		64
8	74	64	57	52	73	63	57	52	62	56	52		61	56	52		60
9	70	60	53	49	69	59	53	49	58	52	48		57	52	48		56
10	67	56	50	45	66	56	49	45	55	49	45		54	49	45		53

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	78239
5°	76843
10°	72722
15°	66311
20°	58642
25°	50930
30°	43728
35°	36433
40°	27137
45°	16622
50°	7676
55°	6002
60°	5789
65°	5292
70°	4937
75°	4660
80°	4293
85°	3271

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 16622 cd/sqm

TEST NUMBER: P1281796

CATALOG NUMBER: P3AS05R45B2750DE010 E3DLD1MW_5000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	32.6	8.8
10°-20°	81.3	22.0
20°-30°	96.6	26.2
30°-40°	84.0	22.8
40°-50°	42.1	11.4
50°-60°	14.6	4.0
60°-70°	10.2	2.8
70°-80°	5.7	1.6
80°-90°	1.8	0.5
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°	210.6	57.1
0°-40°	294.6	79.8
0°-60°	351.3	95.2
0°-90°	369.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	369.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	357	
5°	349	33
15°	292	81
25°	210	97
35°	136	84
45°	54	42
55°	16	15
65°	10	10
75°	6	6
85°	1	2
90°	0	

TEST NUMBER: P1281796

CATALOG NUMBER: P3AS05R45B2750DE010 E3DLD1MW_5000K

CANDELA DISTRIBUTION (FULL):

0°	
0°	356.8
2.5°	355.1
5°	349.1
7.5°	339.8
10°	326.6
12.5°	310.4
15°	292.1
17.5°	271.7
20°	251.3
22.5°	230.5
25°	210.5
27.5°	191.4
30°	172.7
32.5°	154.8
35°	136.1
37.5°	116.1
40°	94.8
42.5°	74.0
45°	53.6
47.5°	35.3
50°	22.5
52.5°	17.4
55°	15.7
57.5°	14.5
60°	13.2
62.5°	11.9
65°	10.2
67.5°	8.9
70°	7.7
72.5°	6.4
75°	5.5
77.5°	4.3
80°	3.4
82.5°	2.6
85°	1.3
87.5°	0.9
90°	0.0

(END OF REPORT)