

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: P1281262

Luminaire Tested: P3AS05R25B2750DE010 E3PHLP1MW_2700K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1281262
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-7)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R25B2750DE010 E3PHLP1MW_2700K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R25 optic, 2700K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

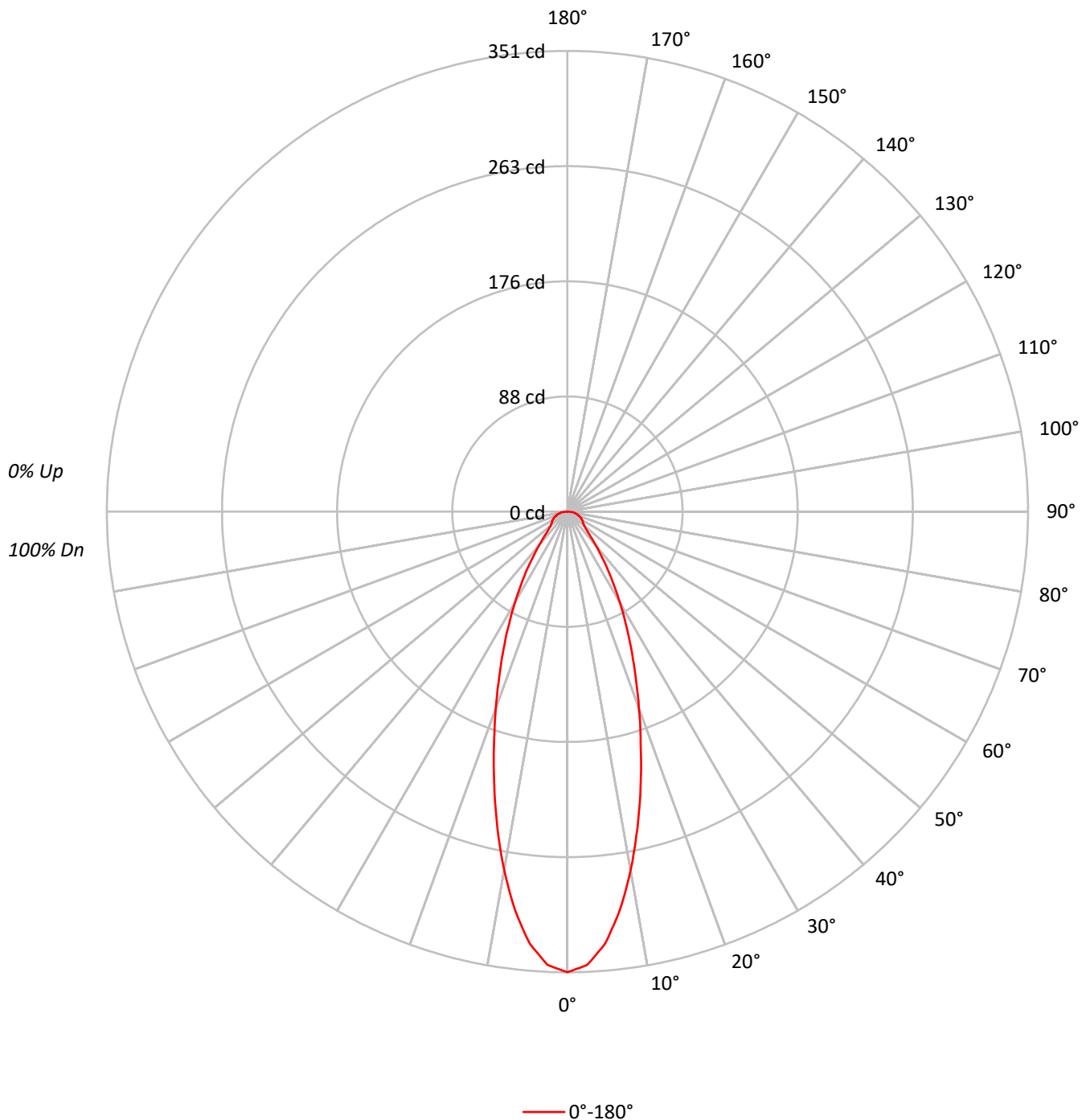
Lumens per Lamp: N/A
Luminaire Lumens: 229.0 lumens
Efficiency: N/A
Efficacy: 38.8 lumens/watt
Spacing Criteria (0/90/45): 0.59 / 0.59 / 0.65
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1281262

CATALOG NUMBER: P3AS05R25B2750DE010 E3PHLP1MW_2700K

Luminous Intensity Polar Plot



TEST NUMBER: P1281262

CATALOG NUMBER: P3AS05R25B2750DE010 E3PHLP1MW_2700K

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	108	105	102	109	106	103	101	102	100	97		98	96	95		95
2	105	99	94	90	103	97	93	89	94	90	87		91	88	85		88
3	99	91	85	80	97	90	84	80	87	82	78		84	80	77		82
4	93	84	78	73	91	83	77	73	81	76	72		79	74	71		77
5	88	79	72	67	86	78	71	67	76	70	66		74	69	66		72
6	84	74	67	62	82	73	66	62	71	66	61		70	65	61		68
7	79	69	63	58	78	68	62	58	67	61	57		66	61	57		65
8	76	65	59	54	74	65	58	54	63	58	54		62	57	54		61
9	72	62	55	51	71	61	55	51	60	55	51		59	54	51		58
10	69	59	52	48	68	58	52	48	57	52	48		56	51	48		56

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	76946
5°	72705
10°	61789
15°	48945
20°	37197
25°	27752
30°	20180
35°	14268
40°	9675
45°	6760
50°	5663
55°	5467
60°	5789
65°	5967
70°	5898
75°	6354
80°	7198
85°	7296

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 7728 cd/sqm

TEST NUMBER: P1281262

CATALOG NUMBER: P3AS05R25B2750DE010 E3PHLP1MW_2700K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	29.8	13.0
10°-20°	59.7	26.1
20°-30°	52.8	23.1
30°-40°	33.7	14.7
40°-50°	17.8	7.8
50°-60°	13.1	5.7
60°-70°	11.1	4.9
70°-80°	7.9	3.4
80°-90°	3.1	1.4
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°	142.3	62.2
0°-40°	176.0	76.8
0°-60°	206.9	90.3
0°-90°	229.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	229.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	351	
5°	330	30
15°	216	60
25°	115	53
35°	53	34
45°	22	18
55°	14	13
65°	12	11
75°	8	8
85°	3	3
90°	0	

TEST NUMBER: P1281262

CATALOG NUMBER: P3AS05R25B2750DE010 E3PHLP1MW_2700K

CANDELA DISTRIBUTION (FULL):

0°	
0°	350.9
2.5°	345.7
5°	330.3
7.5°	306.2
10°	277.5
12.5°	246.5
15°	215.6
17.5°	185.8
20°	159.4
22.5°	135.3
25°	114.7
27.5°	96.3
30°	79.7
32.5°	65.4
35°	53.3
37.5°	42.4
40°	33.8
42.5°	26.9
45°	21.8
47.5°	18.9
50°	16.6
52.5°	15.5
55°	14.3
57.5°	13.8
60°	13.2
62.5°	12.0
65°	11.5
67.5°	10.3
70°	9.2
72.5°	8.6
75°	7.5
77.5°	6.3
80°	5.7
82.5°	4.6
85°	2.9
87.5°	1.1
90°	0.0

(END OF REPORT)