

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: P1281263

Luminaire Tested: P3AS05R25B2750DE010 E3PHLP1MW_3000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1281263
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_3000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R25 optic, 3000K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

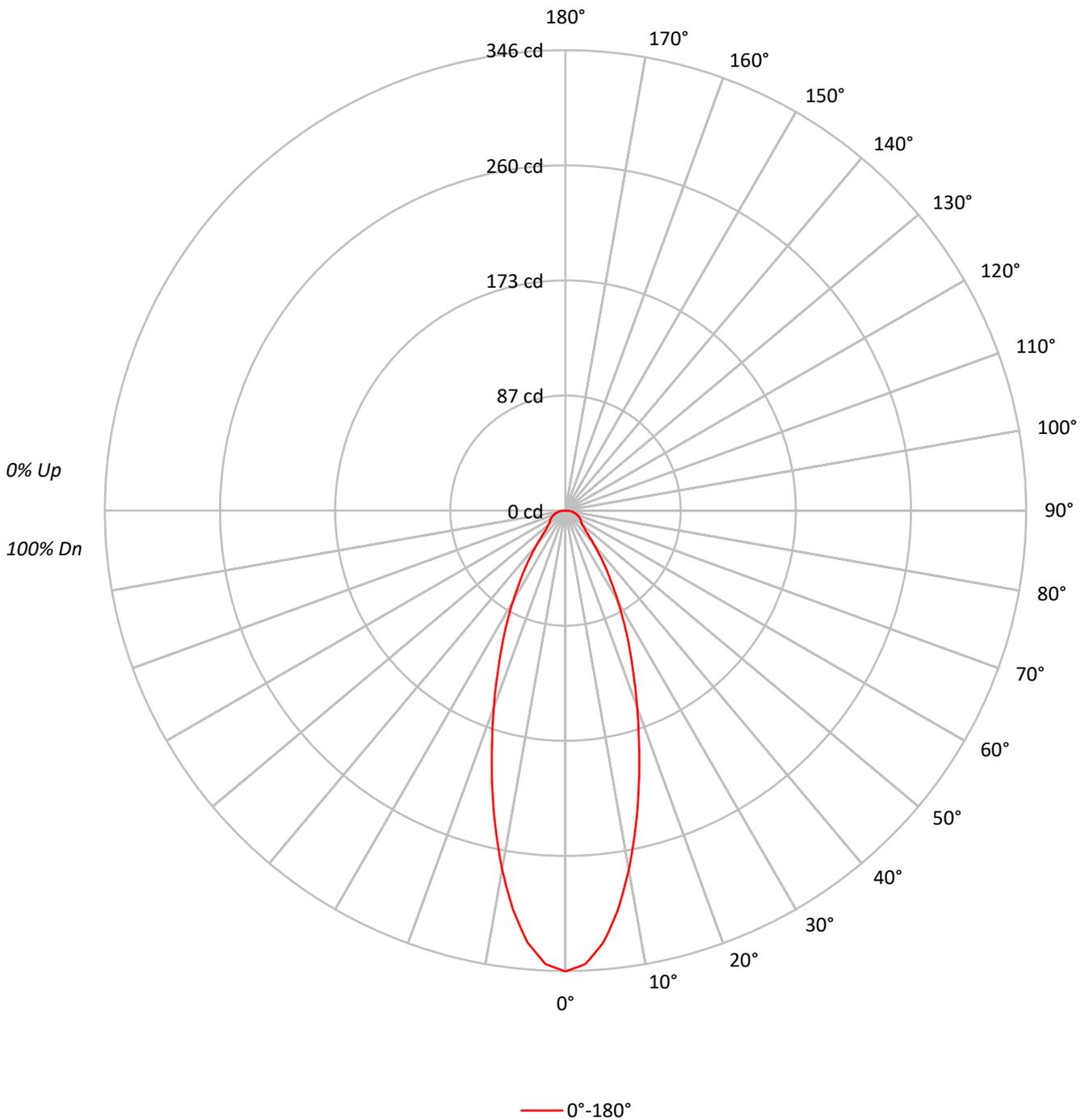
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 226.0 lumens
Efficiency: N/A
Efficacy: 38.3 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: P1281263
CATALOG NUMBER: P3AS05R25B2750DE010 E3PHLP1MW_3000K

Luminous Intensity Polar Plot





TEST NUMBER: P1281263

CATALOG NUMBER: P3AS05R25B2750DE010 E3PHLP1MW_3000K

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20				20
RC	80				70				50				30				10				0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	100	100	100
1	112	108	105	102	109	106	103	101	102	100	97	98	96	95	95	93	92	90	90	90	90
2	105	99	94	90	103	97	93	89	94	90	87	91	88	85	88	85	83	81	81	81	81
3	99	91	85	80	97	90	84	80	87	82	78	84	80	77	82	79	76	74	74	74	74
4	93	84	78	73	91	83	77	73	81	76	72	79	74	71	77	73	70	68	68	68	68
5	88	79	72	67	86	78	71	67	76	70	66	74	69	66	72	68	65	63	63	63	63
6	84	74	67	62	82	73	66	62	71	66	61	70	65	61	68	64	61	59	59	59	59
7	79	69	63	58	78	68	62	58	67	61	57	66	61	57	65	60	57	55	55	55	55
8	76	65	59	54	74	65	58	54	63	58	54	62	57	54	61	57	53	52	52	52	52
9	72	62	55	51	71	61	55	51	60	55	51	59	54	51	58	54	50	49	49	49	49
10	69	59	52	48	68	58	52	48	57	52	48	56	51	48	56	51	48	46	46	46	46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	75937
5°	71737
10°	60988
15°	48309
20°	36707
25°	27389
30°	19927
35°	14081
40°	9561
45°	6667
50°	5595
55°	5390
60°	5701
65°	5863
70°	5834
75°	6270
80°	7198
85°	7045

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 82.5°
 Luminance: 7560 cd/sqm



TEST NUMBER: P1281263

CATALOG NUMBER: P3AS05R25B2750DE010 E3PHLP1MW_3000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	29.4	13.0
10°-20°	58.9	26.1
20°-30°	52.2	23.1
30°-40°	33.2	14.7
40°-50°	17.6	7.8
50°-60°	12.9	5.7
60°-70°	11.0	4.9
70°-80°	7.8	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°	140.5	62.1
0°-40°	173.7	76.8
0°-60°	204.2	90.3
0°-90°	226.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	226.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	346	
5°	326	29
15°	213	59
25°	113	52
35°	53	33
45°	22	18
55°	14	13
65°	11	11
75°	7	8
85°	3	3
90°	0	



TEST NUMBER: P1281263
CATALOG NUMBER: P3AS05R25B2750DE010 E3PHLP1MW_3000K

CANDELA DISTRIBUTION (FULL):

	0°
0°	346.3
2.5°	341.2
5°	325.9
7.5°	302.2
10°	273.9
12.5°	243.3
15°	212.8
17.5°	183.3
20°	157.3
22.5°	133.5
25°	113.2
27.5°	95.1
30°	78.7
32.5°	64.5
35°	52.6
37.5°	41.9
40°	33.4
42.5°	26.6
45°	21.5
47.5°	18.7
50°	16.4
52.5°	15.3
55°	14.1
57.5°	13.6
60°	13.0
62.5°	11.9
65°	11.3
67.5°	10.2
70°	9.1
72.5°	8.5
75°	7.4
77.5°	6.2
80°	5.7
82.5°	4.5
85°	2.8
87.5°	1.1
90°	0.0

(END OF REPORT)