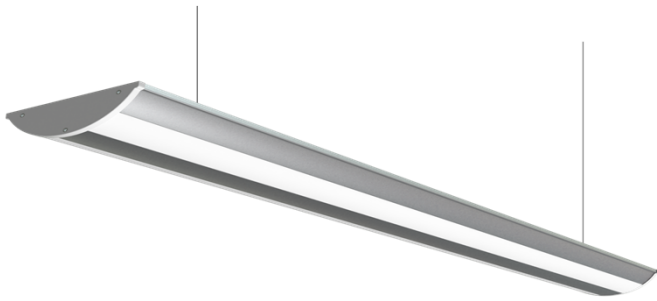


# ARCH2WAY A2W5A 8Ft Pendant



## PRODUCT DESCRIPTION

Samjin Arch 2Way Series is the third generation family of low profile slim commercial pendant systems that are engineered for continuous run applications.

Durable designer aluminum extrusion body with lay in flush high transmission diffuser achieves excellent horizontal & vertical illumination. Optional end cap part is available to enable simple daisy chain connection between fixtures while adding extra support for ease of installation.

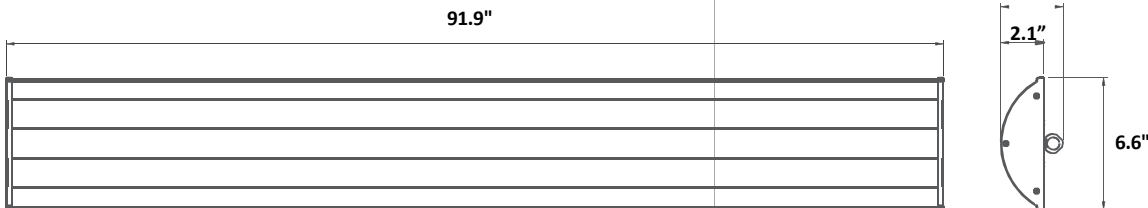
Arch1Way series can be controlled with standard 0-10V LED dimmers. Tested 0-10V LED Dimmers include:

- Lutron – DIVA
- WattStopper - DLM

## APPLICATIONS

- High Ceiling Office Environment (>10')
- Low Bay Industrial Applications
- Library
- Retail Aisles
- Hallways

## DIMENSIONS



## ORDERING INFORMATION

SAMJIN	A2W	5A	084	30	P
Brand	Model	Size	Wattage	CCT	Mounting
	A2W Arch 2Way	5A 8ft	084 84 watt	30 3000K 40 4000K 50 5000K	P Pendant

## PERFORMANCE OVERVIEW

PERFORMANCE	A2W5A-08430D1US	A2W5A-08450D1US
Light Output (Lm)	11,040	10,800
Power (W)	83.18	82.83
Efficacy (Lm/W)	132	130
CCT (K)	3227	4993
CRI	83.6	84.3
Power Factor	0.989	0.988
Input Voltage (V)	120-277	120-277

## PHYSICAL INFO

Dimension (inch)	91.9(L) x 6.6(W) x 3.1(H)
Weight (lb)	27 lb

## INSTALLATION

Spacing Criteria	1.26 (0-180°) / 1.28 (90°-270°)
Control	0-10 V Dimming
Mounting	Pendant

## WARRANTY

5 Year Warranty (Terms and Conditions Apply)

## CERTIFICATIONS & QUALIFICATIONS



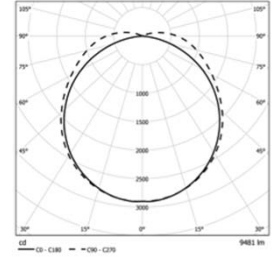
**PHOTOMETRIC DATA: A2W5A-08430D1US**

Test No: 2605750-04

**ZONAL LUMEN SUMMARY**

Zone	Lumens	% Lamp	Luminaire
0-60	6,590.80	69.50%	69.50%
60-90	2,477.20	26.10%	26.10%
0-90	9,067.90	95.60%	95.60%
90-180	413.8	4.40%	4.40%
0-180	9,481.80	100%	100%

**POLAR CANDELA DISTRIBUTION**



**COEFFICIENTS OF UTILIZATION (%)**

RC	80				70				50			0
	70	50	30	0	70	50	30	0	50	30	20	0
RW	70	50	30	0	70	50	30	0	50	30	20	0
RCR(0)	118	118	118	118	115	115	115	96	109	109	109	96
1	106	100	95	91	103	98	93	77	93	89	85	76
2	96	87	79	73	93	84	78	64	80	74	69	62
3	87	76	67	60	84	74	66	54	70	63	58	52
4	79	67	58	51	77	65	57	46	62	55	49	44
5	73	60	50	43	71	58	49	40	56	48	42	38
6	67	54	44	38	65	52	44	35	50	42	37	33
7	62	49	40	33	60	47	39	31	46	38	32	29
8	58	44	36	30	56	43	35	28	42	34	29	26
9	54	41	32	27	53	40	32	25	38	31	26	23
10	51	37	29	24	49	37	29	23	35	28	24	21

RCR = Room Cavity Ratio  
 RC = Effective Ceiling Cavity Reflectance  
 RW = Wall Reflectance

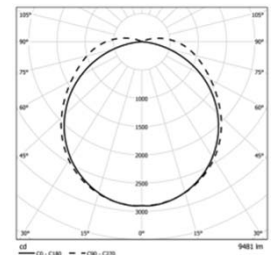
**PHOTOMETRIC DATA: A2W5A-08450D1US (5000K)**

Test No: 2601504  
 Test Date: 2/27/2013

**ZONAL LUMEN SUMMARY**

Zone	Lumens	% Lamp	Luminaire
0-60	5,556.8	69.70%	69.70%
60-90	2,079.0	26.10%	26.10%
0-90	7,635.7	95.70%	95.70%
90-180	340.9	4.30%	4.30%
0-180	7,976.7	100%	100%

**POLAR CANDELA DISTRIBUTION**



**COEFFICIENTS OF UTILIZATION (%)**

RC	80				70				50			0
	70	50	30	0	70	50	30	0	50	30	20	0
RW	70	50	30	0	70	50	30	0	50	30	20	0
RCR(0)	118	118	118	118	115	115	115	96	109	109	109	96
1	106	100	95	91	103	98	93	77	93	89	85	76
2	96	87	79	73	93	84	78	64	80	74	69	62
3	87	76	67	60	84	74	66	54	70	63	58	52
4	80	67	58	51	77	65	57	46	62	55	49	44
5	73	60	50	43	71	58	49	40	56	48	42	38
6	67	54	44	38	65	52	44	35	50	42	37	33
7	62	49	40	33	60	48	39	31	46	38	32	29
8	58	44	36	30	56	43	35	28	42	34	29	26
9	54	41	32	27	53	40	32	25	38	31	26	23
10	51	37	29	24	49	37	29	23	35	28	24	21

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