

PRODUCT DESCRIPTION

Arch 1Way Series provides easy mounting options, versatility in application and impressive efficacy in performance. Arch 1 Way is also a cost effective retrofit solution for any indoor projects with low mounting heights or confide spaces.

Durable designer aluminum extrusion body with lay in flush high transmission diffuser achieves excellent horizontal & vertical illumination.

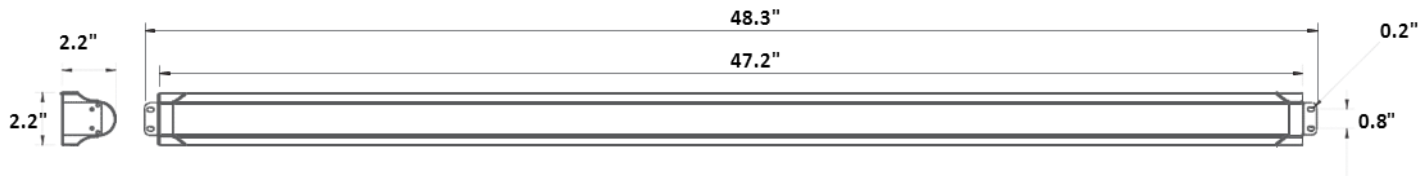
Mounting Options:

Surface Mount or Pendant Mount

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

- Lutron – DIVA
- WattStopper - DLM

DIMENSIONS



PRODUCT SPECIFICATION

PERFORMANCE	A1W4-02340		
Light Output (lm)	2700	2,874	2,769
Power (W)	21.9		
Efficacy (lm/W)	123	131	126
CCT (K)	3000	4000	5000
CRI (Ra)	> 83		
Power Factor	> 0.9		
Input Voltage(V)	120 – 277		

PHYSICAL INFO

Dimension (inch)	2.16" x 47.2" x 2.2"
Weight (lb)	4.2 Lbs

INSTALLATION

Spacing Criteria	1.2 (0-180°) / 1.3 (90°-270°)
Control	0-10 V Dimming
Mounting	Surface or Pendant

WARRANTY

5-Year Warranty (Terms and Conditions Apply)

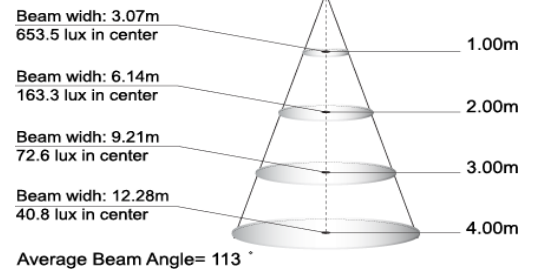
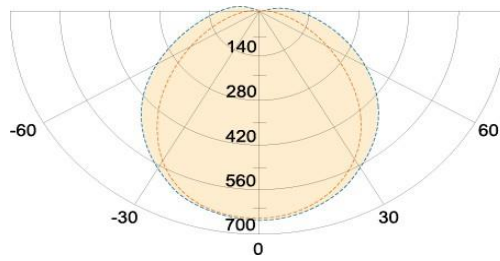
CERTIFICATIONS & QUALIFICATIONS



ORDERING INFORMATION

SAMJIN	A1W	4	023	50	P
Brand	Model	Size	Wattage	CCT	Mounting
	A1W Arch 1 Way	4 4 ft	023 23 watt	35 3000K	P Pendant
				45 4000K	S Surface
				50 5000K	

LIGHT DISTRIBUTION & DISTANCE LUMINARY – A1W4-0235



ZONAL LUMEN SUMMARY

Zone	Lumens	% Lamp	Luminaire
0~30	585.6	26.7	26.7
30~60	955.4	43.6	43.6
60~90	488.4	22.3	22.3
0~90	2029.4	92.6	92.6
90~180	164	7.4	7.4
0~180	2198	100	100

COEFFICIENTS OF UTILIZATION

RC	90				70				50			0	
	RW	60	50	30	10	60	50	30	10	50	30	10	0
RCR (0)	0.97	0.97	0.97	0.97	0.97	0.94	0.94	0.94	0.94	0.91	0.91	0.91	0.84
1	0.88	0.86	0.82	0.79	0.79	0.84	0.83	0.8	0.77	0.8	0.77	0.75	0.69
2	0.79	0.76	0.7	0.65	0.65	0.76	0.73	0.68	0.64	0.7	0.66	0.62	0.57
3	0.71	0.67	0.6	0.55	0.55	0.68	0.64	0.59	0.54	0.62	0.57	0.52	0.48
4	0.65	0.6	0.53	0.47	0.47	0.62	0.58	0.51	0.46	0.55	0.49	0.45	0.41
5	0.59	0.54	0.46	0.4	0.4	0.56	0.52	0.45	0.4	0.5	0.44	0.39	0.35
6	0.54	0.49	0.41	0.35	0.35	0.51	0.47	0.4	0.35	0.45	0.39	0.34	0.31
7	0.49	0.44	0.37	0.31	0.31	0.47	0.42	0.36	0.31	0.41	0.35	0.3	0.27
8	0.46	0.4	0.33	0.28	0.28	0.43	0.39	0.32	0.27	0.37	0.31	0.27	0.24
9	0.42	0.37	0.3	0.25	0.25	0.4	0.36	0.29	0.25	0.34	0.28	0.24	0.22
10	0.39	0.34	0.27	0.23	0.23	0.37	0.33	0.27	0.22	0.32	0.26	0.22	0.2

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