



A21 SERIES

Aisle area light distribution fluorescent High-Bay

A high efficiency fluorescent high-bay that provides ideal light distribution for aisles and narrow spaces. Applications include warehouses, manufacturing facilities, distribution centers and storage facilities.

Heat Dissipation

In order to achieve optimal heat dissipation, the housing has louvers and the reflector is slotted for appropriate air flow.

Light Distribution

Light is controlled in a narrow distribution, maximizing downlight and light levels directly below the fixture. This fixture is ideal for narrow aisles and those with tall racking. When used in aisles with racking or shelving, turning this fixture parallel to the aisle maximizes the light hitting the floor, while minimizing light loss to the racking.

Mounting Methods

A21 fixtures offer flexible mounting methods that most commonly include: standard chain hangers and surface mounting. There are several other mounting options for this fixture series, and they are listed as "hanging options" below.

Hanging Options

- Surface Mount [Mounting holes provided in the housing] (Standard)
- Chain Mount [Chain hangers are supplied with the fixture] (Standard)
- Quick Cable [QC – Quick hang cable system] (Optional)
- Junction Box [JB – Slide-on splice box for 3/4" stem] (Optional)
- Pendant Stabilizer [PS – Bracket for stabilizing fixture when single point hanging with a 3/4" stem] (Optional)
- Quick Bracket System [QB – Innovative hanging system for easy installation. Available with various connection points] (Optional)
- Hook [SPSH – 12" Stem, pendant stabilizer & hook for hanging in loop or eye-bolt] (Optional)
- Quick Toggle [SPST – 12" Stem, pendant stabilizer & quick toggle hanger for hanging in an eye-bolt] (Optional)

Product Construction

The A21 fixture housing is brake formed from heavy gauge cold rolled steel. Ends and socket plates are permanently riveted together for strength and rigidity. The housing is post painted with a durable, highly reflective powder-coat finish. A pre-finished housing is available as an option.

Optical Reflector

The system is precision brake formed of the selected aluminum material, enhanced aluminum or highly reflective white. The one piece reflector is removable without the use of tools, using 1/4 turn fasteners to secure it in place.

Lampholders

Made of a Polycarbonate material; these locking-style lampholders are utilized to ensure positive lamp retention. Additionally, the material contributes to a longer life product in high temperature applications.

Ballasts

All ballasts are electronic programmed-start (T5HO) or instant-start (T8) as a standard. Optional ballasts are available, consult factory for available systems and system specifications. Available voltages: 120v, 277v, 347v, voltage sensing 120-277v and 347-480v.

Listings

All fixtures are UL and CUL listed.

Please specify when ordering

Fixture Series	Lens	# of Lamps	Lamp Type	Voltage	# Ballasts	Ballast Type	Reflector	Hanging	Options	Lamp Color	Lamp Options
A2I	—										

Fixture ordering guide

Fixture Series	Lens	# of Lamps	Lamp Type	Voltage	# Ballasts	Ballast Type	Reflector	Hanging	Options	Lamp Color	Lamp Options*4
A2I	—	7	32	12	2	HI	E	BLANK	C ()	BLANK	HP
A2IP*1	—	8*3	54	27	3	LI	W	JB	6TI	830	A
A2IT*2	—			34		SI	B	PS	6T2	835	TG
A2IPT*1/#2	—			UV		SI+		QB ()	E ()	841	SS
				HV		PS		QBH ()	F	850	ES ()
						PSL		QBT ()	OS ()		XL
						PSH		QC	SC		
						PD		QC ()	WG		
						SDH		SPSH	20G		
						AX		SPST	SDT		
									PC		

*1 Standard A2I is postpainted (Scratch resistant, coated edges to prevent rusting). A2IP is an economical Prepainted option (Small orders of A2IP not available with Custom JB Hanging Option)

*2 A2IT & A2IPT are 8ft tandem fixtures, # lamps are for the profile of the fixture.

*3 8L T5HO A2I fixture only available in reduced temperature environments.

*4 Consult factory for manufacturing specific ordering codes/availability.

Available fixture selections

Lamp Type Selections	Ballast Selections	Reflector Selections	Options Selections	Lamp Color Selections
32 F32T8 System 54 F54T5HO System	HI High Ballast Factor (HBF) Electronic* LI Low Ballast Factor (LBF) Electronic* SI Standard Ballast Factor (NBF) Electronic* SI+ I.OBF Electronic* PS Programmed Start (NBF) PSL Programmed Start LBF* PSH Programmed Start HBF* PD Programmed Start Dimming SDH Step Dimming HBF (100% to 60% Dimming)* AX Daylight Harvesting Ballast with remote mount photosensor* * T8 Only	E Enhanced Aluminum W Highly Reflective White Aluminum B 95% Reflective Extreme White Aluminum Hanging Selections Blank V-Chain Hangers JB Slide-On Junction Box PS Pendant Stabilizer QB Q Bracket (24", 30" or 36") QBH Quick Bracket with Hook (24", 30" or 36") QBT Quick Bracket for Threaded Rod (24", 30" or 36") QC Quick Hang Cable (10') QC () Quick Hang Cable (Specify Length) SPSH 12" Stem/PS/Hook SPST 12" Stem/PS/Toggle	C () Single Circuit Cord (Specify Length) 6TI 6' Cord with L5-I5 Locking End 6T2 6' Cord with L7-I5 Locking End E () Emergency Pack (# Lumens) F Inline Fuse OS () Occupancy Sensor (Specify Lamps on Low/ Lamps on High) SC Safety Cable WG Wire Guard 20G 20 gauge NYC Standards SDT Step Down Transformer (480V to 277V) PC Photocell	BLANK Lamps Not Included 830 80+ CRI, 3000K 835 80+ CRI, 3500K 841 80+ CRI, 4100K 850 80+ CRI, 5000K Lamp Options Selections HP High Performance, Long Life Lamps* A Amalgam Tip Lamps** TG Tubeguarded Lamps SS Shattershielded Lamps ES () Energy Saver (Specify Wattage) XL Long Life* * T8 Only ** T5HO Only

Common fixture selections

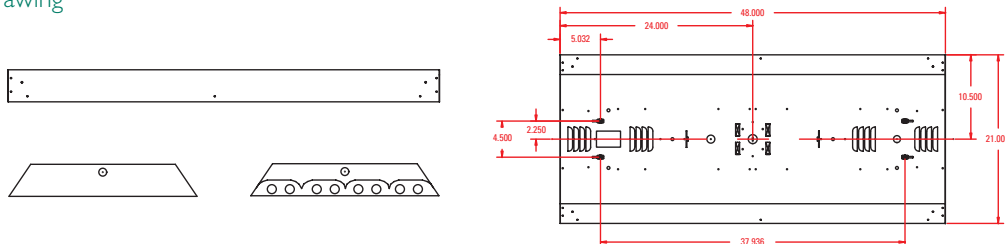
Catalog number	System	# of lamps	Wattage (120/277V)*	Initial system lumens*	Mean system lumens*
A2I 732 UV 2HI E	T8	7	259w / 254w	25,606	24,780
A2I 754 UV 2PS E	T5HO	7	420w / 411w	35,150	33,392
A2I 832 UV 2LI E	T8	8	194w / 192w	19,096	18,480
A2I 832 UV 2PSH E	T8	8	294w / 288w	28,768	27,840

*Wattages may vary depending on the ballast manufacturer and lamp type used.

Initial and mean system lumens are the initial/mean lumen output of the lamp/ballast system as rated by lamp and ballast manufacturer and may vary from manufacturer to manufacturer.

Specifications and dimensions subject to change without notice. Contact Philips Optimum for current availability and ordering information

Dimensional drawing



Fixture Type: _____

Catalog #: _____ Quantity: _____

Project: _____

High Bay | www.philips.com/optimum | Phone (800) 541-9082 | Fax (855) 231-0414

