



Photometric Data

LTL#: 13061

CAT#: A13 332 UV ISI E 841

Zonal Lumen Summary

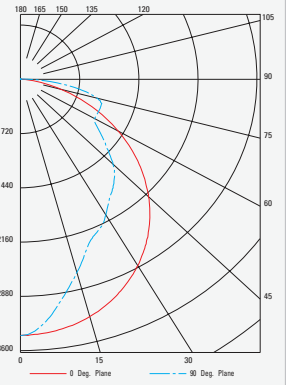
ZONE	LUMENS	%LAMP	%FIXT
0-30	2259	26.4	28.5
0-40	3560	41.6	44.9
0-60	5986	70.0	75.5
0-90	7929	92.7	100.0
90-120	0	0.0	0.0
90-130	0	0.0	0.0
90-150	0	0.0	0.0
90-180	0	0.0	0.0
0-180	7929	92.7	100.0

Total Luminaire Efficiency: 92.7%

CIE Type: Direct

Plane: 0-Deg 90-Deg

Spacing Criteria: 1.2 0.9



A13 SERIES

Aisle area light distribution fluorescent High-Bay

A high efficiency, 13" wide fluorescent high-bay that provides ideal light distribution for aisles and narrow spaces in a narrow profile housing. 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

A13 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 A13 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.

Fixture ordering guide

[illegible]

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

Lamp Type Selections		Ballast Selections		Reflector Selections		Options Selections		Lamp Color Selections	
32	F32T8 System	HI	High Ballast Factor (HBF) Electronic*	E	Enhanced Aluminum	C()	Single Circuit Cord (Specify Length)	BLANK	Lamps Not Included
54	F54T5HO System	LI	Low Ballast Factor (LBF) Electronic*	WV	Highly Reflective White Aluminum	6T1	6' Cord with L5-15 Locking End	830	80+ CRI, 3000K
Voltage Selections		SI	Standard Ballast Factor (NBF) Electronic*	B	95% Reflective Extreme White Aluminum	6T2	6' Cord with L7-15 Locking End	835	80+ CRI, 3500K
12	120V	SI+	1.0BF Electronic*	Hanging Selections		E()	Emergency Pack (# Lumens)	841	80+ CRI, 4100K
27	277V	PS	Programmed Start (NBF)	Blank	V-Chain Hangers	F	Inline Fuse	850	80+ CRI, 5000K
34	347V	PSL	Programmed Start LBF*	JB	Slide-On Junction Box	OS()	Occupancy Sensor (Specify Lamps on Low/ Lamps on High)	Lamp Options Selections	
UV	120-277V	PSH	Programmed Start HBF*	PS	Pendant Stabilizer	SC	Safety Cable	HP	High Performance, Long Life Lamps*
HV	347-480V	PD	Programmed Start Dimming	QB	Q Bracket (24", 30" or 36")	WG	Wire Guard	A	Amalgam Tip Lamps**
		SDH	Step Dimming HBF (100% to 60% Dimming)*	QBH	Quick Bracket with Hook (24", 30" or 36")	20G	20 Gauge	TG	Tubeguarded Lamps
		AX	Daylight Harvesting Ballast with remote mount photosensor*	QBT	Quick Bracket for Threaded Rod (24", 30" or 36")	SDT	Step Down Transformer (480V to 277V)	SS	Shattershielded Lamps
			* T8 Only	QC	Quick Hang Cable (10')	PC	Photocell	ES()	Energy Saver (Specify Wattage)
				QC()	Quick Hang Cable (Specify Length)			XL	Long Life*
				SPSH	12" Stem/PS/Hook				* T8 Only
				SPST	12" Stem/PS/Toggle				** T5HO Only

Catalog number	System	# of lamps	Wattage (120/277V)*	Initial system lumens*	Mean system lumens*
A13 254 UV IPS W	T5HO	2	116w / 115w	10,000	9,500
A13 332 UV IPSH E	T8	3	110w / 108w	10,695	10,350
A13 432 UV IHI E	T8	4	148w / 145w	14,632	14,160
A13P 454 UV 2PS E	T5HO	4	232w / 226w	20,000	19,000

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

Technical drawing of a mechanical part showing three views: a side view, a top view, and a front view. The side view shows a rectangular profile with a central circular feature. The top view shows a trapezoidal shape with a central circular feature and a dimension of 3.35. The front view shows a detailed cross-section with dimensions: 24,000, 6,000, 5,000, 4,500, 2,250, 6,500, 13,000, and 27,000.

Project: _____