



IBC SERIES

An efficient light duty fluorescent High Bay

A highly efficient fluorescent high-bay that provides an economical way to maximize savings and achieve rapid return on investment. Applications include warehouses, manufacturing facilities, distribution centers and storage facilities. In many warehousing applications, Philips Optimum recommends the coupling of the IBC fixture and occupancy sensors to maximize energy savings. Optional upright slotting is also available providing indirect illumination.

Mounting Methods

IBC fixtures offer flexible mounting methods that most commonly include: standard chain hangers and gripple hanging.

Hanging Options

- Chain Mount [Chain hangers are supplied with the fixture] (Standard)
- Quick Cable [QC – Quick hang cable system] (Optional)

Product Construction

The IBC fixture housing is brake formed from heavy gauge cold rolled steel. The housing is pre-painted with a durable, highly reflective powder-coat finish.

Optical Reflector

The system is precision brake formed of the selected aluminum material, enhanced aluminum or highly reflective white.

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
IBC	—										

Fixture ordering guide

Fixture Series	Lens	# of Lamps	Lamp Type	Voltage	# Ballasts	Ballast Type	Reflector	Hanging	Options	Lamp Color	Lamp Options* I
IBC	—	4	32	12	1	HI	E	BLANK	C ()	BLANK	HP
		6	54	27	2	LI	W	QC	6T1	830	A
				34	3	SI	B	QC ()	6T2	835	TG
				UV		SI+			E ()	841	SS
				HV		PS			F	850	ES ()
						PSL			OS ()		XL
						PSH			SC		
						PD			20G		
						SDH			SDT		
						AX			PC		

*I 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.0BF 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*	E Enhanced Aluminum W Highly Reflective White Aluminum B 95% Reflective Extreme White Aluminum	C () Single Circuit Cord (Specify Length) 6T1 6' Cord with L5-15 Locking End 6T2 6' Cord with L7-15 Locking End E () Emergency Pack (# Lumens) F Inline Fuse OS () Occupancy Sensor (Specify Lamps on Low/ Lamps on High) SC Safety Cable 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
Voltage Selections		Hanging Selections		Lamp Options Selections
12 120V 27 277V 34 347V UV 120-277V HV 347-480V		Blank V-Chain Hangers QC Quick Hang Cable (10') QC () Quick Hang Cable (Specify Length)		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

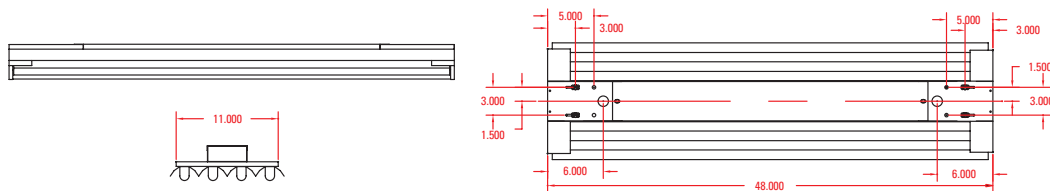
Catalog number	System	# of lamps	Wattage (120/277V)*	Initial system lumens*	Mean system lumens*
IBC 454 UV 1PS W	T5HO	4	232w / 226w	20,000	19,000
IBC 432 UV 1PSH E	T8	4	147w / 144w	14,384	13,920
IBC 632 UV 2HI E	T8	6	222w / 218w	21,948	21,240
IBC 654 UV 2PS E	T5HO	6	348w / 341w	30,000	28,500

*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

