



Compact shape and size, full complement of possibilities

The FHG LED high bay provides maximum versatility with a wide range of lumen packages, options, and accessories. Designed for a variety of applications, it is perfect for education facilities, warehouses, and retail outlets.

FHG LED high bay

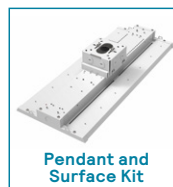
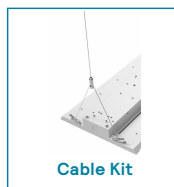
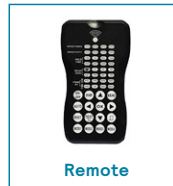
12,000 to 60,000 lumens



Construction/Finish

- Metal housing and reflectors provide excellent thermal transfer to extend component life.
- Cable/chain mounting capability is standard (ordered separately or furnished by others). Accessories are available for other mounting methods.
- 7/8" K.O. at each end of luminaire.
- LED light engines and drivers are field replaceable.
- Dimming drivers are standard. Control is 0-10V DC.
- Luminaire comes standard as field installable sensor ready. Sensor sold separately.
- Optional light distributions in narrow (aisle), medium, and wide diffuser lenses.
- 6KV surge protection standard.
- Components are RoHS compliant.
- L70 LED predicted lumen maintenance >100,000 hours.
- cETLus listed to UL 1598 standards. Suitable for use in damp locations. See ambient temperature data table for standard ambient information.
- Complies with FCC Rules and Regulations Part 15 Subpart B Class A.

Accessories



Ordering guide

Example: FHG24L840-UNV-M

Family	Lumens ¹	CRI/CCT	Voltage	Distribution	Options	
FHG	12L 12,000 lm	840 80 CRI, 4000K 850 80 CRI, 5000K	UNV Universal (120-277V)	M Medium	WP6 ^{2,3,4}	Wired 6' 16/3 cord & NEMA twist lock plug
	18L 18,000 lm		N Narrow (Aisle)	WP6/4 ^{2,3,4}	Wired 6' 16/4 cord and NEMA twist lock plug for line voltage plus unswitched hot for EMERGENCY	
	24L 24,000 lm	120 120V	W Wide	WP6D ^{3,4}	Wired 6' 16/3 cord & NEMA twist lock plug for line voltage and wired 6' 16/3 cord & plug for dimming control	
	30L 30,000 lm	208 208V	WC6 ^{3,4}	Wired 6' 16/3 cord		
	36L 36,000 lm	240 240V	WC6/4 ^{3,4}	Wired 6' 16/4 cord for line voltage plus unswitched hot for EMERGENCY		
	48L 48,000 lm	277 277V	WC6/5 ^{3,4}	Wired 6' 18/5 cord for line voltage plus 0-10V dimming		
60L ⁷ 60,000 lm	347 347V	WC6/6 ^{3,4}	Wired 6' 18/6 cord for line voltage plus unswitched hot for EMERGENCY plus 0-10V dimming			
	480 480V	SWZCSh ^{5,6,7}	Interact Pro scalable high bay sensor w/integral daylight & occupancy sensing, advanced grouping w/dwell time			
		MDPIR ^{8,8}	360° Motion detector PIR			
		EM08HV ^{4,7}	Factory wired 8W integral emergency pack, nominal 1100 to 1300 lumens			
		EM24HV ^{4,7}	Factory wired 24W integral emergency pack, nominal 3300 to 3900 lumens			
		ER100 ^{9,10,11}	UL924 listed sensor bypass relay, factory installed between driver & sensor (Interact Pro compatible) for 30,000 lumen maximum			
		ER100/HVPS ^{9,10,11}	UL924 listed sensor bypass relay, factory installed between driver & sensor for 347/480V Power Sense (Interact Pro compatible) for 30,000 lumen maximum			
		ER100/HVPI ^{9,10,11}	UL924 listed sensor bypass relay, factory installed between driver & sensor for 347/480V Power Interrupt (Interact Pro compatible) for 30,000 lumen maximum			
		GTD/E ^{2,9}	UL924 listed Bodine GTD factory installed on driver input (Note: ONLY available in 120V OR 277V)			
		SP1	Optional 10KV surge protector			
		GLR	Fusing, fast blow (120-277V only)			

Footnotes

- Nominal delivered lumens at 25°C ambient.
- Must specify voltage.
- 6' is standard cord length. For optional 10', 15', or 20' cord length, replace the "6" in the option code with desired length.
- If ordering a cord or cord & plug option, order proper cord option for dimming or emergency.
- High bay motion detector, motion sensing zone is extremely limited if used below 15' mounting height.
- Must order IRT9015 Interact commissioning remote with each system order.
- Not available as a combination of 480V plus SWZCSh plus EM battery at 60,000 lumens
- Not for use with SWZCSh option.
- Must be installed in conjunction with a UL1008 device.
- Only used with SWZCSh integral sensing option.
- 30,000 lumens maximum.



Visit Signify.com/warranties for more information on Signify's standard 5-year limited warranty.

Note: Many luminaire components, such as reflectors, lenses, sockets, lampholders, and LEDs are made from various types of plastics which can be adversely affected by airborne contaminants. If sulfur based chemicals, petroleum based products, cleaning solutions, or other contaminants are expected in the intended area of use, consult factory for compatibility.



interact ready.



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