



With  
**EZ Connect™**

## GH5 GHB® LUMINAIRE

### High Bay, Open — Bracket Mount Optical Series

#### APPLICATIONS

- For over 20 ft. (6 meter) applications, warehouses, assembly plants, material handling, maintenance areas, manufacturing inspection areas, hangars, and other areas where economics and energy-efficient light sources are important

#### SPECIFICATION FEATURES

- 1598 Listed  
**Suitable For Damp Locations**
- Listed to Canadian standards and codes
- 55° C ambient, standard
- Standard construction is IP22
- Threaded slide-in mounting adapter for easy mounting
- Flexible Spacing Criterion (SC) – five-position mounting bracket allows field-adjustable light distribution
- In-line EZ Connect™ plug-in adapter port allows for:
  - hook/loop, cord & NEMA plug
  - plug-in diagnostics capability
  - plug-in modular wiring systems
  - plug-in fuse kits
- Symmetrical heavy-duty die-cast aluminum ballast housing with electrocoat gray or white polyester paint finish
- Mogul base socket -E39 standard
- Single casting integral hook/loop and mounting plate is available
- Safety chain provisions
- Shipped as components: Ballast, Optical. Magnapack available for ballast.
- *Pulse start system for metal halide available. See Page I-125*

#### ORDERING NUMBER LOGIC

PRODUCT IDENT	COLOR	WATTAGE	LIGHT SOURCE	VOLTAGE	BALLAST TYPE	OPTICAL CODE	PHOTOMETRY CODE	MOUNTING CODE	OPTIONS
XXX = GHB Luminaire	X = Gray Electro Coat W = White Polyester Powder	XX = 175 17 = 175 20 = 200 25 = 250 32 = 320 35 = 350 40 = 400	X = MH M = MH S = HPS P = Pulse Start MH (See pg. I-125)  Note: Lamp is vertical base up. Lamp not included.	X = 60Hz 0 = 120/208/240/277 MULTIVOLT 1 = 120 2 = 208 3 = 240 4 = 277 5 = 480 D = 347 F = 120X347 T = 220  50Hz 6 = 220 R = 230 Y = 240 G = 380	See Ballast Selection Table A = Autoreg  D = System 3 Bilevel Autoreg (See Technical Section)  H = HPF Reflector or Lag  L = Super Low Loss Autoreg	V6 = Open ventilated 16-inch Reflector. (Do not use open optical with lamps marked for use in enclosed fixtures only.)  D6 = 16-inch Reflector with door glass kit included. (Note: See table for door glass limitations)	XX = NA = Not Applicable  (Reflector position is set at installation)	XX = Select Code Below 11 = Pendant mounting 13 = Provision for Slide-on Primary Electrical Disconnect. Order TWOBP Box (Thru Feed Capability Only) Separately. 14 = Provision for Slide-on Primary Electrical Disconnect. (Pendant and Thru Feed Capability) Order PED Box Separately 15 = Rewire with EZ-Loop, Cord and Plug Part of "Power Hook". Order Receptacle/Hook Box Separately. (Not CSA/CUL) 31 = Rewire with EZ-Hook, 3-ft (0.9 Meters) #16/3 Cord, and Nema Plug 33 = Rewire with EZ-Loop, 3-ft (0.9 Meters) #16/3 Cord, and Nema Plug (Order locking receptacle hook box separately.)  MODULAR PREWIRE 41 = ACS with 3-ft (0.9 meter) cord & EZ-Hook 69 = ACS with 6-ft (1.8 meter) cord & EZ-Hook 43 = ACS with 3-ft (0.9 meter) cord & EZ-Loop 70 = ACS with 6-ft (1.8 meter) cord & EZ-Loop 51 = Sentinel with 3-ft (0.9 meter) cord & EZ-Hook 71 = Sentinel with 6-ft (1.8 meter) cord & EZ-Hook 53 = Sentinel with 3-ft (0.9 meter) cord & EZ-Loop 72 = Sentinel with 6-ft (1.8 meter) cord & EZ-Loop	X = B = Time Delay Automatically Switch Quartz F = Fusing G = Secondary Wiring Access. 7/8 in. dia. knockout K = Encapsulated Ballast (For use with 250 & 400 watt Auto Reg Ballast only) Q = Non-Time Delay Automatically Switch Quartz R = Non-Switched Quartz. S = Exclusionary mogul base socket for MH open fixtures Y = Solo Bilevel Port (See page I-100)  Note: See page I-102-114 for Accessory Index and Descriptions.  Note: See page I-123-125 for explanation of Options.

#### PHOTOMETRIC SELECTION TABLE

##### V6 OPTICAL - Open 16 in. Reflector

Wattage	Light Source	Spacing Criteria	Reflector Position	Photometric Curve	Optical Code	Photometry Code
400	MH	1.2	1	179646	V6	NA
400	MH	1.5	2*	179642	V6	NA
400	MH	1.7	3*	179643	V6	NA
400	MH	2.0	4*	179644	V6	NA
400	MH	2.3	5*	179645	V6	NA
400	MH, (Coated)	1.1	1	179647	V6	NA
400	MH, (Coated)	1.3	2*	179648	V6	NA
400	MH, (Coated)	1.5	3*	179649	V6	NA
400	MH (Coated)	1.6	4*	179650	V6	NA
350,400	P (MH)	1.2	1	179646	V6	NA
400	P (MH)	1.5	2*	179642	V6	NA
400	P (MH)	1.7	3*	179643	V6	NA
400	P (MH)	2.0	4*	179644	V6	NA
400	P (MH)	2.3	5*	179645	V6	NA
350,400	P (MH Coated)	1.1	1	179647	V6	NA
400	P (MH Coated)	1.3	2*	179648	V6	NA
400	P (MH Coated)	1.5	3*	179649	V6	NA
400	P (MH Coated)	1.6	4*	179650	V6	NA
250,400	HPS	1.0	3	179639	V6	NA
250,400	HPS	1.1	4	179640	V6	NA
250,400	HPS	1.4	5	179641	V6	NA

\* Cannot use with door glass accessory

#### PHOTOMETRIC SELECTION TABLE

##### D6 OPTICAL - Ventilated 16 in. Reflector with Flat Clear Door Glass

D6 Wattage	Light Source	Spacing Criteria	Reflector Position	Photometric Curve	Optical Code	Photometry Code
175	MH	1.1	5	179651	D6	N/A
250	MH	1.1	5	179651	D6	N/A
175,250	P (MH)	1.1	5	179651	D6	N/A
320* (ED28)	P (MH)	1.1	5	179651	D6	N/A
350	P (MH)	1.1	1	450780	D6	N/A
350	P (MH Coated)	1.1	1	450782	D6	N/A
400	P (MH)	1.1	1	450780	D6	N/A
400	P (MH Coated)	1.1	1	450782	D6	N/A

N/A = Not Available

\* 320 watt, ED28 pulse start MH

# GH5 GHB® LUMINAIRE

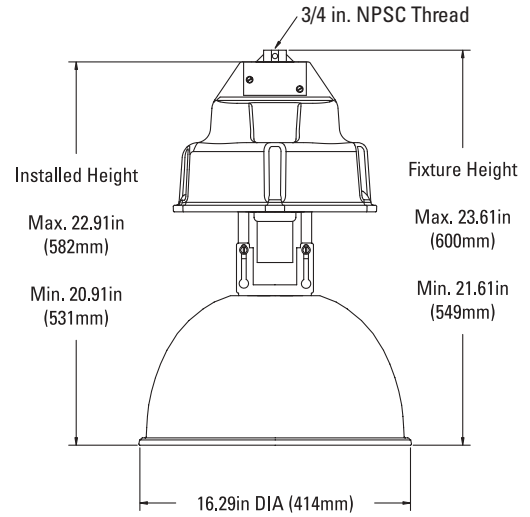
High Bay, Open

GHB INDOOR LIGHTING

## REFERENCES

See Page I-102 for start of Accessories.  
 See Page I-116 for Component Ordering Logic.  
 See Pages I-123-125 for Explanation of Options and Other Terms Used.

## FIXTURE DIMENSIONS



## DATA

Approximate Net Weight Ballast and Optical	lbs 22	kgs 10
---	-----------	-----------

## BALLAST SELECTION TABLE

Wattage	Light Source	Ballast Type / Voltage								
		60HZ					50HZ			
		Multivolt	120, 208 240, 277 480	A, D, L 347	A, D, L 120 x 347	A, H 220	A, H, M 220	A, H 230	A, H, M 240	A, H 380
250	HPS	A	A, D, L	A, D, L	A	A, H	A, H, M	A, H	A, H	M
400	HPS	A	A, D, L	A, D, L	A	A, H	A, H, M	A, H, M	A, H, M	M
175	MH	A	A	A	A	N/A	N/A	N/A	N/A	N/A
250	MH	A	A, D, L	A, D, L	A	A	A	A	A	N/A
400	MH	A	A, D, L	A, D, L	A	A	A	A	A	N/A
<b>PULSE START METAL HALIDE LIGHT SOURCE</b>										
<b>BALLAST SELECTION TABLE</b>										
175	P (MH)	N/A	A	A	A	N/A	N/A	N/A	N/A	N/A
250	P (MH)	A	A, D	A, D	A	N/A	N/A	N/A	N/A	N/A
320	P (MH)	A	A, H*	A	N/A	N/A	N/A	N/A	N/A	N/A
350	P (MH)	A	A, H*	A	N/A	N/A	N/A	N/A	N/A	N/A
400	P (MH)	A	A, D	A, D	A	N/A	N/A	A	A	N/A

**NOTE:** N/A = Not Available  
 \* H is HPF-Linear Reactor available as 277 volt only.  
 Cannot be used with Automatic Switch Quartz Option.

### CANADIAN NOTES:

- "A", Autoreg, and "D", Bilevel Autoreg available 120, 277 or 347 volts only
- 208, 240, and 480 volts require CWI ballast. Use "G" when available. Contact factory for all others.
- Multivolt not available.
- 208, 240 and 480 volts with "G" ballast not available with switched quartz.