



With **EZ Connect™**

# FG6 FILTERGLOW® 1000 LUMINAIRE

## High Bay, Enclosed — Optical Sliding Disconnect Series

### APPLICATIONS

- For over 30 ft. (9 meter) applications in factories, foundries, machine shops, and other industrial environments

### SPECIFICATION FEATURES

- 1598 Listed
- **Suitable For Damp Locations**
- Listed to Canadian Standards and codes
- Standard construction is IP52
- Wet location option meets IP54
- Enclosed and gasketed optics
- Clear tempered door; glass lens
- Charcoal filtered optics
- Unique optical sliding disconnect
- 55° C ambient, standard
- 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
- Single casting integral hook/loop and mounting plate is available
- Threaded slide-in mounting adapter for easy mounting
- Adjustable mogul base socket -E39 standard
- ALGLAS® finish on faceted reflector
- Safety chain provisions
- Shipped as components: Ballast, Optical, Magnapack available for ballast
- See *Technical Section*
- 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	X	XX	X	X	X	XX	XX	XX	X
FG6 = Filterglow 1000 Luminaire	G = Gray Electro Coat W = White Polyester Powder	40 = 400 75 = 750 01 = 1000	M = MH S = HPS P = Pulse Start MH (See pg. I-125)  Note: Lamp is vertical base up. Lamp not included.	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) G = CANADIAN Mag-Reg (Grounded Socket Shell) H = HPF Reactor or Lag L = Super Low Loss Autoreg M = Mag-Reg W = Whisper Quiet Auto Reg	E7=Enclosed 17 in. Reflector  E2=Enclosed 22 in. Reflector	XX = Select Code Below	11 = Pendant mounting 12 = Pendant mounting for 1000w HPS Multivolt (Not available with EZ Connect 9-pin plug) 13 = Provision for Slide-on Primary Electrical Disconnect. Order TWOBP Box (Thru Feed Capability Only) Separately. 14 = Provision for Slide-on Primary Electrical Disconnect. Order PED Box (Pendant and Thru Feed Capability) Separately 15 = Prewire with EZ-Loop, Cord and Plug Part of "Power Hook". Order Receptacle/Hook Box Separately. (Not CSA/CUL) 31 = Prewire with EZ-Hook, 3-ft (0.9 Meters) #16/3 Cord, and Nema Plug 33 = Prewire with EZ-Loop, 3-ft (0.9 Meters) #16/3 Cord, and Nema Plug (Order locking receptacle hook box separately.) 67 = Pendant, Nut and Hanger Hub Mounting. (For use with "D" or "W", Wet Locations Option, only) (See page I-124 for details)	A = 65°C maximum ambient B = Time Delay Automatically Switched Quartz D = Severe Duty (meets Wet Location) (For use with Mounting Code 67 only) F = Fusing (Not available with D or W option) G = Secondary Wiring Access 7/8 in. dia. knockout (Not available with D or W option) K = Encapsulated Ballast Q = Non-Time Delay Automatically Switched Quartz R = Non-Switched Quartz. T = E40 / European Mogul Base Socket W = Wet Location (For use with Mounting Code 15 and 67 only)

### PHOTOMETRIC SELECTION TABLE

E7 OPTICAL - Enclosed 17 in. Reflector						
Wattage	Light Source	Spacing Criteria	Socket Position	Photometric Curve	Optical Code	Photometry Code
400	MH,P	1.1	11	174961	E7	EX
400	MH,P	1.3	9	174962	E7	EU
400	MH,P	1.6	5	177096	E7	EQ
400	MH,P (Coated)	1.0	11	174955	E7	EX
400	HPS	1.0	5	174965	E7	EQ
400	HPS	1.4	3	174966	E7	EO

E2 OPTICAL - Enclosed 22 in. Reflector						
Wattage	Light Source	Spacing Criteria	Socket Position	Photometric Curve	Optical Code	Photometry Code
400	MH,P	0.7	7	174959	E2	ES
750	P	0.8	7	451908	E2	ES
750	P	1.0	L	451909	E2	EL
750	P	1.5	G	451911	E2	EG
1000	MH	1.0	11	174969	E2	EX
1000	MH	1.5	7	174970	E2	ES
1000	MH (Coated)	1.3	7	174968	E2	ES
400	HPS	0.7	2	174963	E2	EN
750	HPS	0.9	1	178164	E2	EM
750	HPS	0.8	7	178163	E2	ES
1000	HPS	1.0	7	175275	E2	ES

Note: ACS = Flex 3 +  
Sentinel = EZ Flex II (FSC)

Note: See page I-102-114 for Accessory Index and Descriptions.

Note: See page I-123-125 for explanation of Options.

# FG6 FILTERGLOW® 1000 LUMINAIRE

High Bay, Enclosed

FILTERGLOW INDOOR LIGHTING

## DIMENSIONS

- When optical assembly contains a quartz socket (switched or non-switched), an additional 1.125 inches (29mm) must be added to the overall height due to double stack disconnect.
- For Wet Location dimensions 1.72 inches (44mm) must be added to overall height.
- 750 and 1000 watt with "A", 65C Ambient Option, add 2.50 inches to overall height.

## NOTES

See explanation on "Optical Flexibility" Page I-3. See References.

## 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.

## DATA

Approximate Net Weight Ballast and Optical	lbs 42-52	kgs 19-24
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## BALLAST SELECTION TABLE

Wattage	Light Source	Multivolt	Ballast Type / Voltage							
			60HZ				50HZ			
			120, 208 240, 277 480	347	120 x 347	220	220	230	240	380
400	HPS	A	A,D,G,L,M	A,D,G,L	A,G	A,H	A,H,M	A,H,M	A,H,M	M
750	HPS	H	A,D*	A,D*	N/A	N/A	N/A	N/A	N/A	N/A
1000	HPS**	A	A	A	N/A	A	N/A	N/A	N/A	N/A
400	MH	A,W	A,D,L	A,D,L	A	A	A	A	A	N/A
1000	MH	A	A***,D	A,D	N/A	A	A	A	A	A
<b>PULSE START METAL HALIDE LIGHT SOURCE BALLAST SELECTION TABLE</b>										
400	P (MH)	A	A,D,G	A,D,G	A	N/A	A	A	A	N/A
750	P (MH)	N/A	A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

**NOTE:** N/A = Not Available  
 \* Automatic Switch Quartz Option not available with Bilevel  
 \*\*1000 watt HPS Multivolt not available with EZ Connect 9-pin plug. Order only with special mounting code 12.  
 \*\*\*120, 208 and 240 volt available as Multivolt only.

## CANADIAN NOTES:

1. "A", Autoreg, and "D", Bilevel Autoreg available 120, 277 or 347 volts only
2. 1000 Watt Metal Halide and HPS available 120, 277 or 347 volt Autoreg only.
3. 208, 240, and 480 volts require CWI ballast. Use "G" when available. Contact factory for all others.
4. Multivolt not available.

## FIXTURE DIMENSIONS

