

TRIBAY®
HGX-22
22" GLASS REFLECTOR

Cat. #		Approvals
Job	Type	



APPLICATIONS

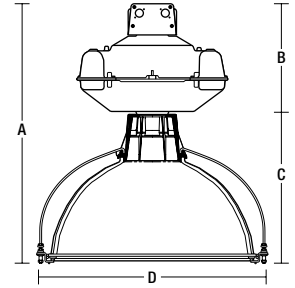
- For high mounting height applications, narrow distribution

SPECIFICATIONS

- Shock shock and impact resistant borosilicate glass, providing good uplight and three dimensional lighting.
- Reflector mounted to ballast housing by a combination of die cast aluminum socket housing and rigid, zinc-coated wire form.
- Die cast aluminum socket housing available as an open unit (HGO-22) or as an enclosed unit (HGE-22).
- Open unit allows air flow up inside of glass optic and helps maintain a clean reflector, open unit is damp location listed.
- Enclosed unit** seals off top of glass optic to prevent dirt and dust from entering reflector and is wet location listed (order HGENC22 to close off bottom).
- Both glass optics offer the best resistance to the widest variety of corrosive industrial chemicals and are easily cleaned and maintained.
- Lower luminaire retainer is included.

LISTINGS

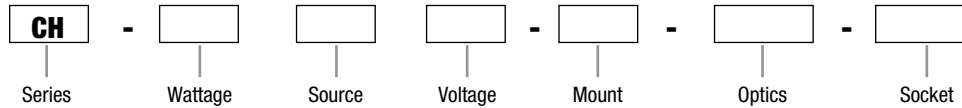
- 65°C ambient, enclosed unit suitable for wet locations.
- U.S. Patent No. 6,494,596.



A	B	C	D
26 7/8"	117/8"	15"	24 1/16"
683 mm	302 mm	381 mm	473 mm

ORDERING INFORMATION

ORDERING EXAMPLE: CH-40P8-M-HGE16



SERIES

CH Tribay®

WATTAGE

- 25** 250w Pulse Start MH or HPS
- 32** 320w Pulse Start MH only
- 35** 350w Pulse Start MH only
- 40** 400w Pulse Start MH or HPS
- 45** 450w Pulse Start MH only
- 75** 750w Pulse Start MH only
- 10** 1000w Pulse Start MH (BT37 compact lamp included)

SOURCE

- H** MH - Standard PLA (100)
- S** Standard CWA, AL, HPS
- F** HPS, CWI (Canada)
- D** MH, CWI (Canada)
- P** Pulse Start MH

1 Single voltage designations for isolated secondary ballast only.
NOTE: Bottom enclosures are required unless lamps designated as "suitable for open use" are used.
NOTE: Options must be added as suffix to Catalog Number, see page70. Accessories must be ordered separately.

VOLTAGE

- 1** 120V¹
- 2** 208V¹
- 3** 240V¹
- 4** 277V¹
- 5** 480V¹
- 6** Tri-Tap® 120/277/347V
- 7** 600V (isolated secondary only)
- 8** Quad-Tap® 120/208/240/277V
- 0** Less Ballast & Cap (250 & 400W only)
- E** 220/240V 50 Hz
- F** 347V

MOUNT

- D** Quick Zone™ Electrical Disconnect wiring box shipped w/ fixture
- E** Quick Zone™ Electrical Disconnect wiring box not shipped w/ fixture (box shipped as accessory **-CH-Q**)
- L** Less Wiring Box (box shipped as accessory **-CH-B**)
- M** With Wiring Box (standard const.)

OPTICS

- HGE22** 22" Borosilicate Glass Reflector/ Enclosed Optic
- HGO22** 22" Borosilicate Glass Reflector/Open Optic
- HGENC22** Tempered Glass Bottom Enclosure, 22"
- NH** Ballast Housing - (damp)
- NJ** Ballast Housing - (wet)

SOCKET

- EX** Exclusionary mogul socket

ACCESSORIES

Order separately

Catalog Number	Description
CH-B	Wiring Box with no electrical disconnect
CH-Q	Wiring Box with electrical disconnect (Quick-Zone®)
HGENC22	Tempered Glass Bottom Enclosure for HGE16 & HGO16
CH-LLR	Lower Luminaire Retainer (for field installation)
HG-FWG	Full Wire Guard for glass reflectors
WG-22	Wire Guard for 22" highbay reflectors
CH-TLR6	6' Top Luminaire Retainer (for field installation)
CH-TLR10	10' Top Luminaire Retainer (for field installation)
CH-TLR12	12' Top Luminaire Retainer (for field installation)
CH-TLR16	16' Top Luminaire Retainer (for field installation)
CH-F	Single Fuse Kit - 120, 277, 347V (fuses not included)
CH-FF	Double Fuse Kit - 208, 240, 480V (fuses not included) (not for Canada)

OPTIONS FOR TRIBAY SERIES

Factory installed — order with fixture by adding suffix

Suffix	Description
-AN	Anodized Housing/Reflector
-CFB	Charcoal Filter Breather (for enclosed reflectors only)
-C4HL	4' Cord, Hook/Loop - SO cord wired thru hook
-C6HL	6' Cord, Hook/Loop - SO cord wired thru hook
-C8HL	8' Cord, Hook/Loop - SO cord wired thru hook
-C10HL	10' Cord, Hook/Loop - SO cord wired thru hook
-C12HL	12' Cord, Hook/Loop - SO cord wired thru hook
CORD, HOOK/LOOP & 20A PLUG - SO CORD W/ PLUG WIRED THRU HOOK	
	LENGTH X= 120V 208V 240V 277V 480V 347V
-C4HLP (X)	4' 1 2 3 4 5 C
-C6HLP (X)	6' 1 2 3 4 5 C
-C8HLP (X)	8' 1 2 3 4 5 C
-C10HLP (X)	10' 1 2 3 4 5 C
-C12HLP (X)	12' 1 2 3 4 5 C
CORD, HOOK/LOOP & 15A 120V PLUG - SO CORD W/ PLUG WIRED THRU HOOK	
	LENGTH X= 120V 208V 240V 277V 480V 347V
-C4HLPX-15A	4' 1 2 3 4 5 C
-C6HLPX-15A	6' 1 2 3 4 5 C
-C8HLPX-15A	8' 1 2 3 4 5 C
-C10HLPX-15A	10' 1 2 3 4 5 C
-C12HLPX-15A	12' 1 2 3 4 5 C

Suffix	Description
-DS	Intelligent Ignitor External Replacement Ignitor
-EB	Encapsulated Ballast (for quiet operation)
-EM	Emergency Quartz Lamp Socket
-EX	Exclusionary Mogul Socket
-F1	Fusing 120 volt
-F2	Fusing 208 volt (not for Canada)
-F3	Fusing 240 volt (not for Canada)
-F4	Fusing 277 volt
-F5	Fusing 480 volt (not for Canada)
-FF	Fusing 347 volt
-FF	Fusing 347 volt
-LL	Shipped Less Lamp (250, 350, 400 watt MH Electro-Reg® and 600 watt HPS only)
-LRI	Lower Luminaire Retainer (installed)
-PC	Polycarbonate Refractor (LM only)
-QSS	Quartz Standby
-QST	Quartz Standby with time delay
-SLD-1	Switch Level Dimming with 120V control
-SLD-2	Switch Level Dimming with 24V control
-SLD-3	Switch Level Dimming with 277V control
-TRI(6)	6' Top Luminaire Retainer (installed)
-TRI(10)	10' Top Luminaire Retainer (installed)
-TRI(12)	12' Top Luminaire Retainer (installed)
-TRI(16)	16' Top Luminaire Retainer (installed)

QUICK ESTIMATOR CH-HGX-22

LAMP QTY-LU/LP INPUT WATTS	SC @2/@4 LLF TEST #	ROOM WIDTH -/- MOUNTING HEIGHT (above floor)	ILLUMINANCE (MAINTAINED) APPROXIMATE AREA PER LUMINAIRE (SQ. FT.) / APPROXIMATE WATTS PER SQ. FT. (w/Blst. Losses)				
			10 fc	20 fc	50 fc	75 fc	
			100 fc				
MS320/BU/PS (ENC)	1.5/1.3	5 or more	1323 / 0.28	662 / 0.56	265 / 1.39	176 / 2.09	n.r. / n.r.
1 @ 31700	0.59	2	983 / 0.37	492 / 0.75	197 / 1.87	131 / 2.81	n.r. / n.r.
368	HP-04812	1	737 / 0.50	369 / 1.00	147 / 2.50	98 / 3.74	n.r. / n.r.
MS400/BU/PS	1.3/1.2	5 or more	2123 / 0.21	1061 / 0.43	425 / 1.06	283 / 1.60	212 / 2.13
1 @ 44000	0.59	2	1605 / 0.28	803 / 0.56	321 / 1.41	214 / 2.11	161 / 2.82
452	HP-04809	1	1252 / 0.36	626 / 0.72	250 / 1.81	167 / 2.71	125 / 3.61
MH400/U	1.3/1.2	5 or more	1662 / 0.28	831 / 0.55	332 / 1.38	222 / 2.07	166 / 2.76
1 @ 36000	0.59	2	1257 / 0.36	629 / 0.73	251 / 1.82	168 / 2.73	126 / 3.64
458	HP-04809	1	980 / 0.47	490 / 0.93	196 / 2.34	131 / 3.50	98 / 4.67

To determine the number of luminaires required for a given illuminance level:

Step 1: Determine room size per column three below as 5 or more (Large Room), 2 (Medium Room) or 1 (Small Room).

Step 2: For desired footcandle level, per room size, divide floor area of space by "Approximate Area per Luminaire" from chart.

Step 3: If required, adjust result of Step 2 to "whole number." Result is quantity of luminaires required to provide approximate, average maintained illuminance selected.

Due to our continued efforts to improve our products, product specifications are subject to change without notice.



Hubbell Industrial Lighting • 701 Millennium Boulevard • Greenville, SC 29607 • PHONE: 864-678-1000
For more information visit our web site: www.hubbell-ltg.com