



DIAMOND HIGH BAY FIXTURES

ENERGY EFFICIENCY AND IMPROVED VISION FOR HIGH BAY APPLICATIONS

FEATURES

- Over **50% Energy Savings** compared to standard HID Fixtures
- 36,000+ Hours of Lamp Life**, Programmed Start Ballast 100K Cycles
- 90% Maintained Light Output** (Most Standard Metal Halide = 49%)
- Instant On, Instant Restrike, No Color Shift, No Flicker, Even Light Distribution

Occupancy Sensors Available For Energy-Saving 'Lights Out' When Area Is Unoccupied

Fluorescent Fixtures Have A **Higher CRI** Than HID Fixtures Enabling Superior Visual Comfort & Yielding Greater Energy Savings

• HOUSING

22 gauge cold rolled steel. All steel surfaces are painted after fabrication with high gloss baked enamel applied over iron phosphate pre-treatment for maximum adhesion and rust resistance. Properly vented housing keeps ballast cool. Freezer & cold area housing without venting also available.

• REFLECTOR

Highly specular aluminum reflector available on all models High Bay or Low Bay optics available depending upon application.

• ELECTRONICS

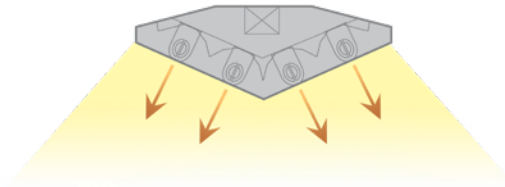
Wired per specified voltage using electronic ballast rated for 75°C. 90°C ballast rating available for high ambient applications. U.L. listed for dry and damp locations.

• MOUNTING

Diamond High Bay™ fixtures are designed for easy surface, chain or pendant installation.




LIGHT DISPERSION



An exclusive design that spreads light to better illuminate merchandise shelves.

Key: G • GE / OS • Sylvania / SL • Superior Life® / F • Fulham / N • No Ballast

CEE  Approved Ballast for T8 Lamps



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GO GREEN 

0718

ITEM#	DESCRIPTION	NUMBER OF LAMPS	TYPE OF LAMPS	VOLT	CASE	LUMEN PACKAGE
54904	DIAMOND HIGH BAY™ 4/F54 120-277V ALUMINUM RFL W/V-HOOKS & 41.3" CHAINS	4	F54T5	120-277V	1	20,000
54906	DIAMOND HIGH BAY™ 4/F32 120-277V ALUMINUM RFL W/V-HOOKS & 41.3" CHAINS - G	4	F32T8	120-277V	1	12,400
54980	DIAMOND HIGH BAY™ 6/F32 120-277V ALUMINUM RFL W/V-HOOKS & 41.3" CHAINS - G	6	F32T8	120-277V	1	18,600
54984	DIAMOND HIGH BAY™ 8/F32 120-277V ALUMINUM RFL W/V-HOOKS & 41.3" CHAINS - G	8	F32T8	120-277V	1	24,800

480V Fixtures Available

CRYSTAL CLEAR LENS
with GASKET

ACCESSORIES

ITEM#	DESCRIPTION	CASE
LENS		
34904	LENS FOR DIAMOND HIGH BAY 54904 (4) F54	5
34982	LENS FOR DIAMOND HIGH BAY 54982 (6) F54	5
34980	LENS FOR DIAMOND HIGH BAY 54980 (6) F32	5
EMERGENCY BACK UP BALLASTS		
82195	700 LUMENS 1 OR 2 LAMP 2' - 8' T8/T10/T12/U-BEND/CIRCLINE	10
82198	700 LUMENS 1 LAMP/90 Min, T5 14-54W, 32-55W 4-Pin CFL, T8 32-40W	15
OCCUPANCY SENSOR		
54899	HIGH BAY/LOW BAY PASSIVE INFRARED OCCUPANCY SENSOR	50



Key: G - GE / OS - Sylvania / SL - Superior Life® / F - Fulham / N - No Ballast
CEE Approved Ballast for T8 Lamps

- Fixture or electrical box mounted
- Adjustable time delay (15-30 min.)



APPLICATION GUIDE

LOWER OPERATING COST WITH LONGER LAMP LIFE

REPLACEMENT FIXTURES

T5HO and T8 Fluorescents are ideal replacements for:

- 400W Metal Halide High Bays
- 250W Metal Halide Low Bays
- F96T12 and F96T12/HO Fixtures.

RECOMMENDED MOUNTING HEIGHTS

- 25 foot and below T5 or T8 lamps
- 25 foot and higher T5HO lamps

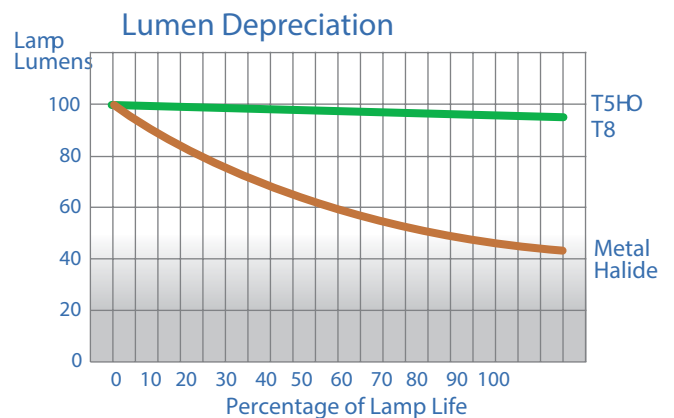
GOOD TO KNOW

- MH400 initial lumens 36,000, mean lumens 24,000.
Fixture CU 70% = 16,800 LUMENS
 - MH250 initial lumens 20,500, mean lumens 13,500.
Fixture CU 70% = 9,450 LUMENS
- Mean Lumens = Design lumens at 40% of life.
 CU = Coefficient of Utilization efficiency of the fixture to deliver lumens.

- A 6 lamp T8 High Bay Fixture uses only 1/3rd the power of a 400W Metal Halide

BALLAST SPECIFICATION

- Sylvania Quicktronic® ProStart Programmed Start T5HO Ballast
- Sylvania Quicktronic® Professional Series Instant Start T8 Ballast
- T8 fixtures with Instant Start Ballast
- T5HO fixtures with Programmed Start Ballast



Ballast Access door for easy maintenance.



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