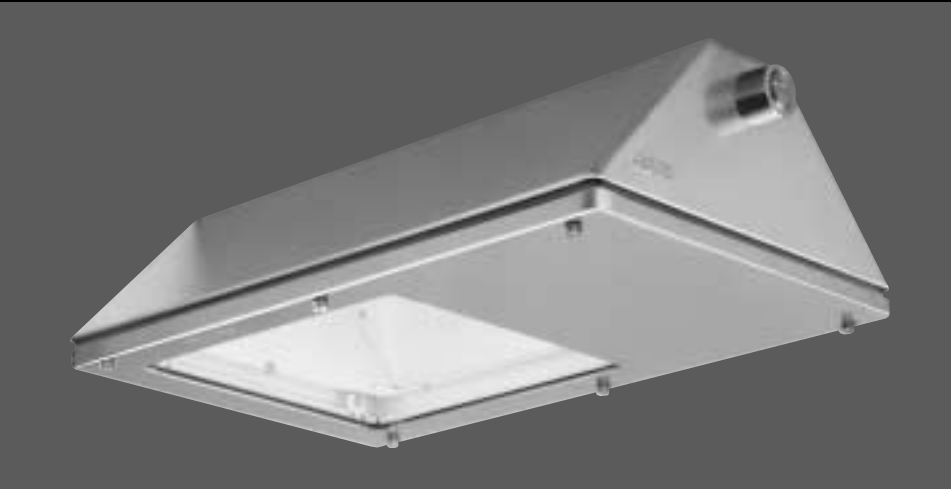


# STEELTITE™ H.I.D.

For Food Processing, Marine and Hazardous Areas



## FEATURES

- Up to 150W HPS and 175W MH
- Seamwelded stainless steel housing (CRS optional)
- Hosedown
- NSF International
- Hazardous location listing

## BENEFITS

- Withstands corrosive environments
- Smooth body design stays clean
- Requires less fixtures

## APPLICATIONS

- Food processing
- Chemical plants
- Petrochemical
- Dairy industry
- Harsh environments
- Waste water treatment
- Salt water environments

## Specifications/Features

### GENERAL

- Housing and lens frame are built in such a way that there are no crevices, ledges or latches which could harbor environmental or biological contaminants. Especially suited to sanitary environments such as those found in the food and beverage processing industry.
- The fixture may be cleaned easily with a simple wipe down or hose down.
- Fixture may be hosed down with 150lbs./sq. in. water pressure from a 3/8" streaming nozzle at 10ft. from any direction without leaking.
- Available in CRS or 304L and 316L grades stainless for excellent resistance to corrosion.
- Completely seam-welded construction.

### CONSTRUCTION

- Built of 18 ga. CRS, 304L stainless or 316L stainless as specified.
- All seams are continuously welded to ensure an impervious seal.
- CRS and 304L stainless units supplied with 3/4" cast zinc conduit hub.
- 316L stainless units supplied with machined, 3/4" stainless steel hubs for the ultimate in corrosion resistance.

### DOOR FRAME/LENS

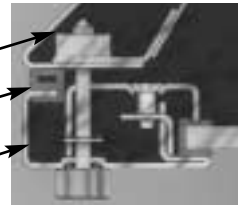
- Lens frame forms an air-tight seal with the housing. Note that the fixture uses open conduit as the means to relieve pressure build-up on the inside during lamp cycling.
- The lens frame is secured to housing by 6 stainless captive screws.
- Screws clamp lens frame to housing with over 20 lbs. of force per linear inch when tightened to 15 in./lbs. of torque.

No Leaks

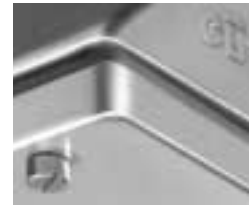
No Latches

No Crevices

No Ledges



*Triple gasket system consists of continuous, extruded hollow core, 260° C rated silicone gaskets for the lens to frame.*



*All lens frame and ballast compartment hardware is captive to ease installation.*

- All gaskets around lens frame of low-compliance high temperature silicone.
- Lens frame screws are sealed with captive O-ring gaskets.
- 3/16" clear tempered glass.

### LISTINGS

- Listed for Class 1, Division 2, Groups A, B, C and D.
- NSF International certified.
- UL 595 marine outdoor.
- Listed for U.S. and Canada.

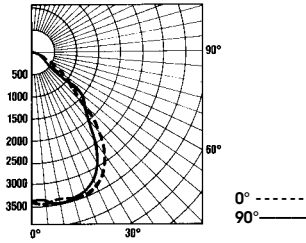
### ELECTRICAL

- Ballast are CWE or regulated power factor corrected and appropriate to lamp and voltage.
- 3/4" conduit hubs installed for power feed.
- All fixtures carry the IBEW Union label to insure quality.

# Photometrics

Coefficients of Utilization  
1 Lamp, 175W MH ST4-2G1H175-1

| Ceiling Refl. | 80%                                    |     |     | 50% |     |     | 10% |     |     |
|---------------|--|-----|-----|-----|-----|-----|-----|-----|-----|
| Wall Refl.    | 50                                     | 30  | 10  | 50  | 30  | 10  | 50  | 30  | 10  |
| RCR           | 20% Effective Floor Cavity Reflectance |     |     |     |     |     |     |     |     |
| 1             | .69                                    | .67 | .65 | .65 | .63 | .62 | .60 | .59 | .58 |
| 2             | .62                                    | .59 | .56 | .59 | .57 | .55 | .55 | .54 | .52 |
| 3             | .57                                    | .53 | .49 | .54 | .51 | .48 | .51 | .49 | .47 |
| 4             | .51                                    | .47 | .43 | .49 | .45 | .43 | .46 | .44 | .41 |
| 5             | .46                                    | .41 | .38 | .44 | .40 | .37 | .42 | .39 | .37 |
| 6             | .42                                    | .37 | .34 | .40 | .36 | .33 | .38 | .35 | .33 |
| 7             | .38                                    | .33 | .30 | .37 | .32 | .29 | .35 | .32 | .29 |
| 8             | .34                                    | .29 | .26 | .33 | .29 | .26 | .32 | .28 | .26 |
| 9             | .31                                    | .26 | .23 | .30 | .26 | .23 | .28 | .25 | .22 |

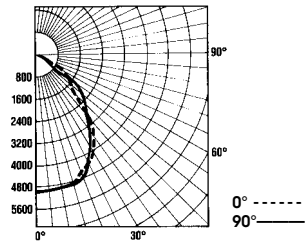


S/MH Ratio 1.2:1  
Total Lamp Lumens 12,000  
Fixture Efficiency 63.4%

Report No.  
P11439-1

Coefficient of Utilization  
1 Lamp, 150W HPS ST4-2G1H150-1

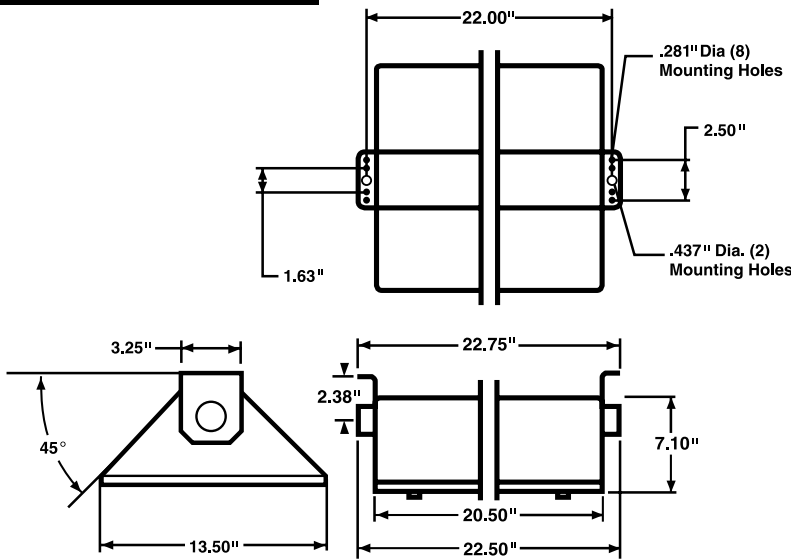
| Ceiling Refl. | 80%                                    |     |     | 50% |     |     | 10% |     |     |
|---------------|--|-----|-----|-----|-----|-----|-----|-----|-----|
| Wall Refl.    | 50                                     | 30  | 10  | 50  | 30  | 10  | 50  | 30  | 10  |
| RCR           | 20% Effective Floor Cavity Reflectance |     |     |     |     |     |     |     |     |
| 1             | .69                                    | .67 | .66 | .65 | .64 | .63 | .61 | .60 | .59 |
| 2             | .63                                    | .60 | .57 | .60 | .57 | .55 | .56 | .54 | .53 |
| 3             | .57                                    | .53 | .50 | .55 | .51 | .49 | .51 | .49 | .47 |
| 4             | .52                                    | .47 | .44 | .50 | .46 | .43 | .47 | .44 | .42 |
| 5             | .47                                    | .42 | .39 | .45 | .41 | .38 | .43 | .40 | .37 |
| 6             | .43                                    | .38 | .34 | .41 | .37 | .34 | .39 | .36 | .33 |
| 7             | .39                                    | .34 | .30 | .37 | .33 | .30 | .36 | .32 | .30 |
| 8             | .35                                    | .30 | .27 | .34 | .29 | .26 | .32 | .29 | .26 |
| 9             | .31                                    | .27 | .23 | .30 | .26 | .23 | .29 | .25 | .23 |



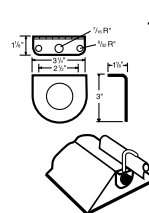
S/MH Ratio 1.2:1  
Total Lamp Lumens 16,000  
Fixture Efficiency 64%

Report No.  
P11439-2

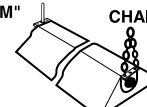
# Dimensions



DIRECT TO CEILING MOUNT  
"-MB"



STEM MOUNT KIT  
"-MBSM"

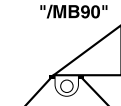


CHAIN MOUNT KIT  
"-MBCM"

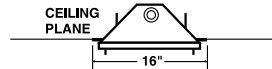
ADJUSTABLE BRACKETS KIT  
"-MBAB"



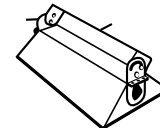
WALLMOUNT  
"-MB90"



FLUSH RECESSED MOUNT  
"-/FR"



YOKE MOUNT KIT  
"-MBYM"



# Steeltite™ H.I.D. Catalog Numbers

**ST6 - 2 - G - 1 - H150 - 1**

**CONSTRUCTION**  
6 - 316 Stainless Steel  
4 - 304 Stainless Steel  
P - Painted Cold Rolled Steel

**LENGTH**  
2 - 2' nominal

**LENS TYPE**  
G - 3/16" Tempered Glass

**VOLTAGE**  
1 - 120  
2 - 277  
3 - 347

**LAMP TYPE**  
P100 - 100W High Pressure Sodium  
P150 - 150W High Pressure Sodium  
H100 - 100W Metal Halide  
H150 - 150W Metal Halide  
H175 - 175 W Metal Halide

**NO. OF LAMPS**  
1 - 1 Lamp

# Options

- "/FF" - Fast Acting Fixture Fuse, Buss GLR
- "/MB" - Direct Ceiling Mount
- "/MBYM" - Yoke Mount Kit
- "/MBAB" - Adjustable Brackets Kit
- "/MBSM" - Stem Mount (includes 36" Stainless Steel Stems)
- "/MBCM" - Chain Mount (includes 2 Stainless Steel Brackets and 26" Chains)
- "/MB90" - Wall Mount

# Project Name:

| Type | Catalogue Number | Lamp | Comments |
|------|------------------|------|----------|
|      |                  |      |          |

Guth utilizes the services of U.L. and ETL for listing products. Specifications and data are subject to change without notice.

**GUTH**  
a GENLYTE company

**H 13**  
R9/07