

# 100 Watt Specialty Lamp

# 89887 DATA SHEET

SPECIALTY METAL HALIDE LAMPS



**VENTURE**  
LIGHTING

**UNI-FORM**  
PULSE START METAL HALIDE LIGHTING SYSTEMS

## HIT 100W/G12/UVS/4K GENERAL Characteristics

Lamp Type	MH Pulse Start Single Ended
ANSI Code	M90/E
Bulb Shape	T23 (T7)
Base Type	Bi-Pin G12
Bulb Finish	Clear
Rated Life	10000 V / 7500 H
Operating Position	Universal

## ELECTRICAL

Lamp Watts	100
Lamp Oper. Voltage (Nom.)	100

## SUSTAINABILITY

Mercury Amount (mg)	11.4
Picograms of Hg per Mean Lumen Hour	

## PHOTOMETRIC

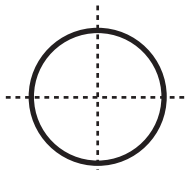
Initial Lumens	9000 V / 8100 H
Lumens Per Watt	90
Correlated Color Temperature	4200K
Chromaticity Coordinates (CIE-x,y)	.377 .390
Color Rendering Index (CRI) $R_a$	70

## NOTES

- UV Shield eliminates nearly all UV emissions, reducing color fading and lens yellowing.

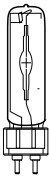
## PHYSICAL

Nominal Bulb Diameter	23 mm
Insertion Length	110 mm
Contact to Contact Length	56 mm
Effective Arc Length	12.7 mm
Max. Base Temperature (°C)	280
Max. Bulb Temperature (°C)	550
Socket Pulse Rating (KV)	6
Luminaire Type	Enclosed Rated



**Universal**  
Any Position

**T23 (T7)**



Dia. = 23 mm  
CCL = 56 mm  
Base = Bi-Pin G12

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THIS LAMP CONFORMS TO FEDERAL STANDARD 21 CFR 1040.30  
Complies with (CE), Low Voltage (CE), WEEE and RoHS Directives

**Warning:** This lamp can cause skin burn and eye inflammation from shortwave ultraviolet radiation if outer envelope of the lamp is broken or punctured. Do not use where people will remain for more than a few minutes unless adequate shielding or other safety precautions are used. Lamps that will automatically extinguish when outer envelope is broken or punctured are commercially available.