

# 250 Watt Specialty Lamp

# 72748 DATA SHEET



## MH-DE 250W/UVS/4K/Fc2 GENERAL Characteristics

Lamp Type	MH Double Ended
ANSI Code	M80/E Compatible
Bulb Shape	T25 (T8)
Base Type	Fc2
Bulb Finish	Clear
Rated Life	10000
Operating Position	Horizontal $\pm 45^\circ$

## ELECTRICAL

Lamp Watts	250
Lamp Oper. Voltage (Nom.)	100

## SUSTAINABILITY

Mercury Amount (mg)	15.6
Picograms of Hg per Mean Lumen Hour	

## PHOTOMETRIC

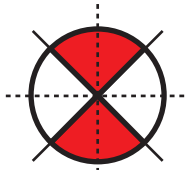
Initial Lumens	20000
Lumens Per Watt	80
Correlated Color Temperature	4200K
Chromaticity Coordinates (CIE-x,y)	.377 .390
Color Rendering Index (CRI) $R_a$	70

## NOTES

- The outer jacket is made from fused silica (quartz). Lamps require enclosures which protect users from exposure to ultraviolet radiation.

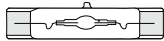
## PHYSICAL

Nominal Bulb Diameter	25 mm
Insertion Length	163 mm
Contact to Contact Length	-
Effective Arc Length	27 mm
Max. Base Temperature ( $^\circ\text{C}$ )	300
Max. Bulb Temperature ( $^\circ\text{C}$ )	650
Socket Pulse Rating (KV)	5
Luminaire Type	Enclosed Rated



**HOR  $\pm 45^\circ$**   
Horizontal

**T25 (T8)**



Dia. = 25 mm  
CCL = -  
Base = Fc2

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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.