

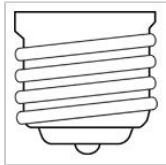
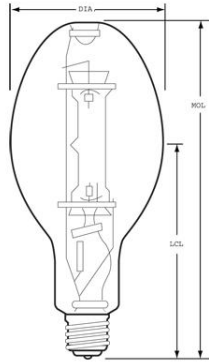


GE
Lighting

23998 - HR400DX33

GE Mercury ED37

- High color rendering (65-70CRI), much better than standard HPS



CAUTIONS & WARNINGS

R- WARNING: This lamp can cause serious skin burn and eye inflammation from shortwave ultraviolet radiation if outer envelope of the lamp is broken or punctured, and the arc tube continues to operate. Do not use where people will remain for more than a few minutes unless adequate shielding or other safety precautions are used. Certain types of lamps that will automatically extinguish when the outer envelope is broken or punctured are commercially available. Visit the FDA website for more information: <http://www.fda.gov/cdrh/radhealth/products/urburns.html>

Caution

- Lamp may shatter and cause injury if broken
 - Dispose of lamp in a closed container.
 - Do not use excessive force when installing lamp.
 - Do not use lamp if outer glass is scratched or broken.

Warning

- A damaged lamp emits UV radiation which may cause eye/skin injury
 - Turn power off if glass bulb is broken. Remove and dispose of lamp.
- Risk of Burn
 - Allow lamp to cool before handling.
 - Do not turn on lamp until fully installed.
- Risk of Electric Shock
 - Do not use where directly exposed to water or outdoors without an enclosed fixture.
 - Turn power off before inspection, installation or removal.
- Risk of Fire
 - Keep combustible materials away from lamp.
 - Use in fixture rated for this product.
- Unexpected lamp rupture may cause injury, fire, or property damage
 - Do not exceed rated voltage.
 - Do not store flammable materials near/below lamp.
 - Do not turn on lamp until fully installed.
 - Do not use beyond rated life.
 - Do not use lamp if outer glass is scratched or broken.
 - Do not use where directly exposed to water or outdoors without an enclosed fixture.
 - Use only properly rated ballast.

GRAPHS & CHARTS

Graphs_Spectral Power Distribution

GENERAL CHARACTERISTICS

Lamp Type	High Intensity Discharge - Mercury
Bulb	ED37
Base	Mogul Screw (E39)
Bulb Finish	Delux white
Rated Life	20000.0 hrs
Bulb Material	Hard glass
Lamp Enclosure Type (LET)	Open or enclosed fixtures
LEED-EB MR Credit	216 picograms Hg per mean lumen hour

PHOTOMETRIC CHARACTERISTICS

Initial Lumens	22600.0
Mean Lumens	15800.0
Nominal Initial Lumens per Watt	56
Color Temperature	3900.0 K
Color Rendering Index (CRI)	50.0
Effective Arc Length	2.7559 in

ELECTRICAL CHARACTERISTICS

Wattage	400.0
Burn Position	Universal burning position
Open Circuit Voltage (peak lead ballast) (MIN)	318.0 V
Open Circuit Voltage (RMS lag ballast) (MIN)	225.0 V
Warm Up Time to 90% (MIN)	5.0 min
Warm Up Time to 90% (MAX)	7.0 min
Warm Up Time to 90%	5.0 min
Hot Restart Time to 90% (MIN)	3.0 min
Hot Restart Time to 90% (MAX)	6.0 min

DIMENSIONS

Maximum Overall Length (MOL)	11.3100 in(287.3 mm)
Nominal Length	11.310 in(287.3 mm)
Bulb Diameter (DIA)	4.625 in(117.5 mm)
Light Center Length (LCL)	7.000 in(177.8 mm)

PRODUCT INFORMATION

Product Code	23998
Description	HR400DX33
ANSI Code	H33
Standard Package	Case
Standard Package GTIN	00043168239981
Standard Package Quantity	6
Sales Unit	Unit
No Of Items Per Sales Unit	1
No Of Items Per Standard Package	6
UPC	043168970624

