



GE
Lighting

22575 - GE Mercury ED23.5

HR100DX38

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

GENERAL CHARACTERISTICS

Base Description	Mogul Screw
Base Type	Screw-In
Lamp Enclosure Type (LET)	Open or enclosed fixtures
Mercury-Picogram per mean lm hr	298.2
Rated Life Hours-nominal	20000 h
Bulb Finishes and Colors	Delux white
Mercury Content EMEA ONLY	16.7
Bulb Material	Hard glass
Product Technology	High Intensity Discharge
Base	E39
Bulb Shape	ED23.5

PHOTOMETRIC CHARACTERISTICS

Mean Lumens nominal	2800 lm
Nominal Lumens per Watt	40 lm
Initial Lumens-nominal	4000 lm
Color Rendering Index-CRI	50
Color Temperature	3900 K

PRODUCT INFORMATION

Product Code	22575
Description	HR100DX38
Alternative Unit Of Measure	EACH
Standard Package Quantity	12
Ean UPC	043168225755
Standard Package GTIN	00043168225755
No Of Items Per Sales Unit	1
No Of Items Per Standard Package	12
Sales Unit	Each
UCC	043168225755
Alternative Unit Of Measure	CASE
Standard Package Quantity	
Ean UPC	043168225755
Standard Package GTIN	10043168225752
No Of Items Per Sales Unit	
No Of Items Per Standard Package	
Sales Unit	Case
UCC	043168225755

DIMENSIONS

Diameter	2.93 in
Light Center Length Millimeter	5.0 in
Nominal Length	7.5 in

ELECTRICAL CHARACTERISTICS

Burn Position	Universal burning position
Open Circuit Voltage (peak lead ballast) (MIN)	318 V
Open Circuit Voltage (RMS lag ballast) (MIN)	225 V
Rated power (Watts)	100 W

CAUTIONS & WARNINGS

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

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 Burn

Allow lamp to cool before handling.

Do not turn on lamp until fully installed.

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 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 S-rated lamp in open fixture

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 direct

