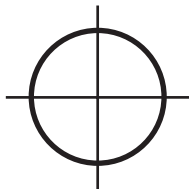
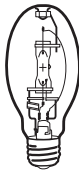


PRECISION
Lighting & Transformer



Universal
Any Position

ED28



Dia. = 3.5" (90mm)
MOL = 8.31" (211mm)
LCL = 5.0" (127mm)
Base = Mogul (E39)

MH400/ED28/U/4K

GENERAL Characteristics

Lamp Type	Standard MH Single Ended
ANSI Code	M59/E
Bulb Shape	ED28
Base Type	Mogul (E39)
Bulb Finish	Clear
Rated Life	20000V/15000H hours
Operating Position	Universal

ELECTRICAL

Lamp Watts	400
Lamp Oper. Voltage (Nom.)	135

SUSTAINABILITY

Recycling Program

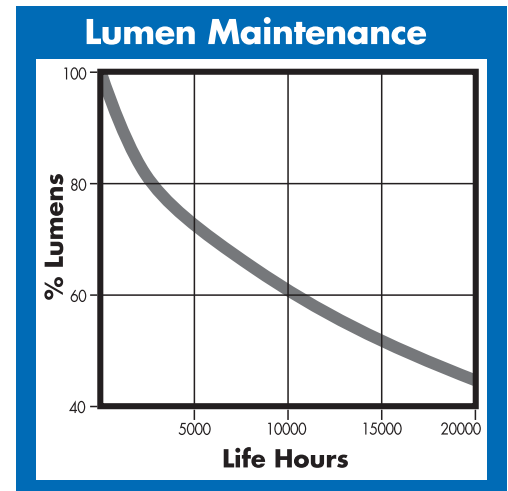
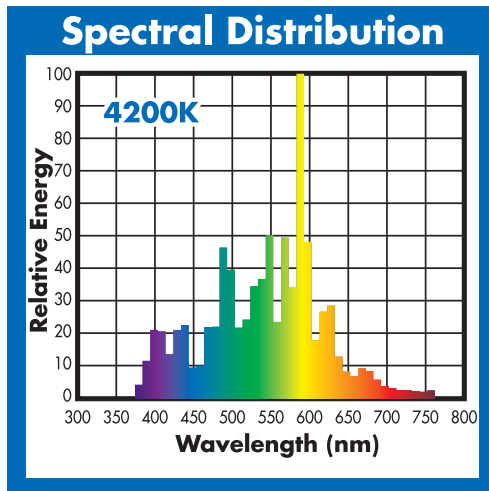
NOTES

PHOTOMETRIC

Initial Lumens	36000V/32000H
Lumens Per Watt	90
Scotopic Lumens (S/P 1.7)	61200
Lamp Lumen Depreciation (LLD)	.65 (65%) @ 8000 hours
Correlated Color Temperature	4200K
Chromaticity Coordinates (CIE-x,y)	.380 .377
Color Rendering Index (CRI)	65

PHYSICAL

Bulb Diameter	3.5" (90mm)
Max. Overall Length (MOL)	8.31" (211mm)
Light Center Length (LCL)	5.0" (127mm)
Effective Arc Length	39 mm
Max. Base Temperature (°C)	210
Max. Bulb Temperature (°C)	450
Socket Pulse Rating (KV)	-
Luminaire Type	Enclosed Rating



THIS LAMP CONFORMS TO FEDERAL STANDARD 21 CFR 1040.30

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.