100 Watt Pulse Start Lamp

UNI-FORM® Pulse Start Metal Halide Lighting Systems

11245

DATA SHEET

MP 100W/C/U/PS/3K

GENERAL Characteristics

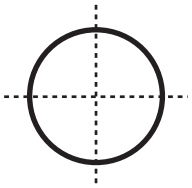
Lamp Type	MH Pulse Start Single Ended
ANSI Code	M90/0
Bulb Shape	EDX17
Base Type	Medium (E26)
Bulb Finish	Coated
Rated Life (V)	15000 hours
Rated Life (H)	11250 hours
Operating Position	Universal

ELECTRICAL

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

SUSTAINABILITY

Mercury Amount (mg)	8.5
Picograms of Hg per Mean Lumen Hour (V)	107



Universal
Any Position

PHOTOMETRIC

Initial Lumens / LPW (V)	8100 / 81
Initial Lumens / LPW (H)	7300 / 73
Lamp Lumen Depreciation (LLD)	0.65 (65%) @ 6000 hours
Correlated Color Temperature	3200K
Chromaticity Coordinates (CIE-x,y)	.420 .395
Color Rendering Index (CRI) R_a	70

NOTES

- Lamp performance ratings published in this data sheet are based upon operation with magnetic ballasts.
- Performance ratings of Universal lamps are based upon Vertical (±15°) operation.
- Minimum Starting Temperature: -40°C/°F.
- To calculate nighttime Scotopic lumens, multiply the lumen rating by the S/P ratio (1.4).

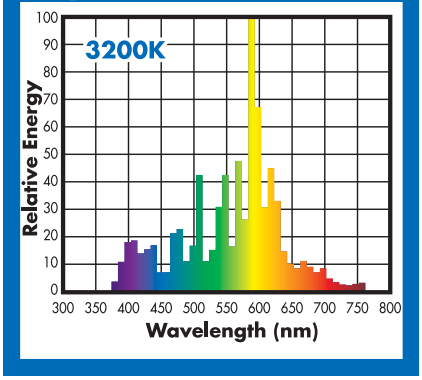
EDX17

Dia. = 2.1" (54mm)
MOL = 5.4" (138mm)
LCL = 3.4" (86mm)
Base = Medium (E26)

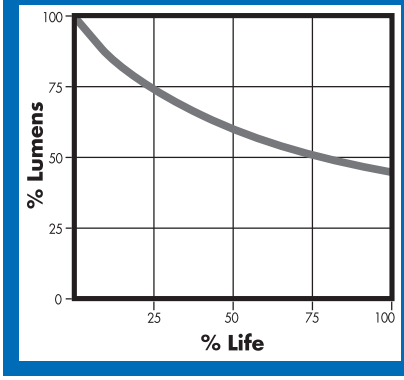
PHYSICAL

Bulb Diameter	2.1" (54mm)
Max. Overall Length (MOL)	5.4" (138mm)
Light Center Length (LCL)	3.4" (86mm)
Effective Arc Length	N/A
Max. Base Temperature (°C)	210
Max. Bulb Temperature (°C)	400
Socket Pulse Rating (KV)	4
Luminaire Type	Open / Enclosed Rated

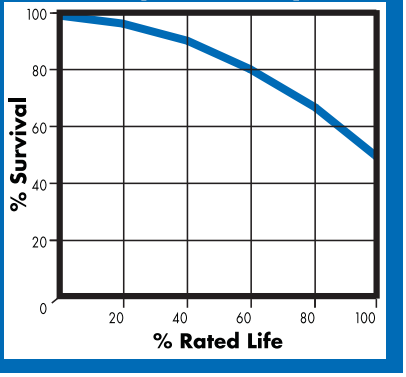
Spectral Distribution



Lumen Maintenance



Lamp Mortality



(800) 451-2606
7905 Cochran Road, Suite 300
Glenwillow, Ohio 44139 USA
E-mail: Venture_Lighting@VentureLighting.com
VentureLighting.com

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.

Revision: 03/12/2020 #1042-16

VLI-0992SS1-0320