

775 Watt Pulse Start Lamp

24988

DATA SHEET



Natural White®

MP 775W/BD/BT37/PS/950

GENERAL Characteristics

| | |
|--------------------|-----------------------------|
| Lamp Type | MH Pulse Start Single Ended |
| ANSI Code | M181/O (M166/O) |
| Bulb Shape | BT37 |
| Base Type | Mogul (EX39) |
| Bulb Finish | Clear |
| Rated Life | 26000 hours |
| Operating Position | Base Down ±15° |

ELECTRICAL

| | |
|---------------------------|-----|
| Lamp Watts | 775 |
| Lamp Oper. Voltage (Nom.) | 220 |

PHOTOMETRIC

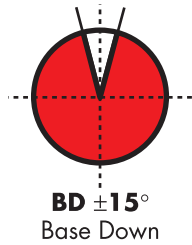
| | |
|------------------------------------|-------------------------|
| Initial Lumens | 66000 |
| Lumens Per Watt | 85 |
| Lamp Lumen Depreciation (LLD) | 0.90 (90%) @ 8000 hours |
| Correlated Color Temperature | 5000K |
| Chromaticity Coordinates (CIE-x,y) | .346 .359 |
| Color Rendering Index (CRI) R_a | 90+ |

SUSTAINABILITY

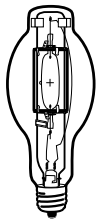
| | |
|-------------------------------------|------|
| Mercury Amount (mg) | 70.5 |
| Picograms of Hg per Mean Lumen Hour | 46 |

NOTES

- Lamp performance ratings published in this data sheet are based upon operation with magnetic ballasts.
- Operation of position-rated lamps outside of their tolerances will result in poor performance.
- Minimum Starting Temperature: -40°C/°F.
- To calculate nighttime Scotopic lumens, multiply the lumen rating by the S/P ratio (2.1).



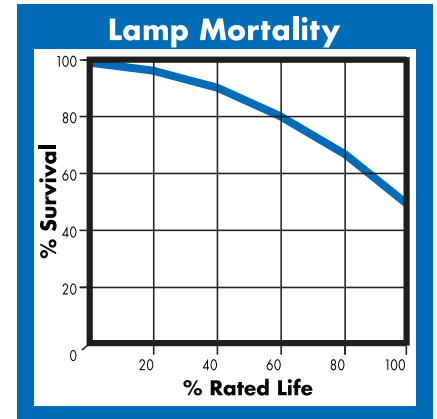
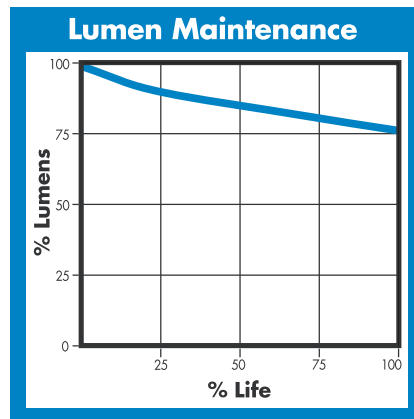
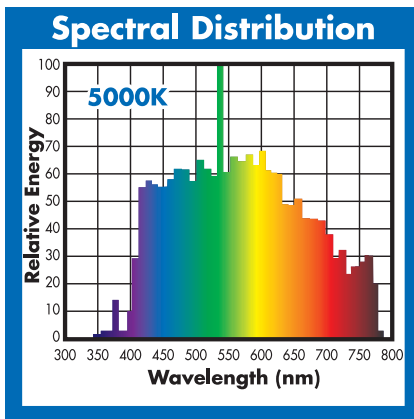
BT37



Dia. = 4.6" (120mm)
MOL = 11.5" (292mm)
LCL = 7.0" (178mm)
Base = Mogul (EX39)

PHYSICAL

| | |
|----------------------------|-----------------------|
| Bulb Diameter | 4.6" (120mm) |
| Max. Overall Length (MOL) | 11.5" (292mm) |
| Light Center Length (LCL) | 7.0" (178mm) |
| Effective Arc Length | 64.5mm |
| Max. Base Temperature (°C) | 250 |
| Max. Bulb Temperature (°C) | 450 |
| Socket Pulse Rating (KV) | 4 |
| Luminaire Type | Open / Enclosed Rated |



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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.