

HMI DIGITAL 1800 W

HMI brand DIGITAL | Metal halide lamps, single-ended



Areas of application

- Studio
- Stage
- TV

Product family benefits

- Suited for both analog and digital film production
- Robust stems, resulting in less breakage during transport
- Round moly-foil construction that evenly distributes heat and current extends for lamp longevity (6,000-18,000 W)
- Splash-proof carrying case is re-usable and allows lamps to be transported safely (6,000-18,000 W)

Product family features

- High CRI of >90
- UV-Stop (UVS)
- Color temperature of 6,000 K (daylight)
- Extremely bright light of up to 100 lumens/watt
- Hot restart capability



Product datasheet

Technical data

Electrical data

| | |
|---------------------------|-----------|
| Nominal wattage | 1800.00 W |
| Nominal voltage | 140 V |
| Nominal current | 12.9 A |
| Ignition voltage cold/hot | 5/35 kVp |

Photometrical data

| | |
|--------------------------|-----------|
| Nominal luminous flux | 165000 lm |
| Color temperature | 6500 K |
| Color rendering index Ra | 90 |

Dimensions & weight

| | |
|---------------------------|----------|
| Diameter | 40.0 mm |
| Length | 200.0 mm |
| Light center length (LCL) | 107.0 mm |
| Electrode gap cold | 10.0 mm |

Temperatures & operating conditions

| | |
|--------------------------------------|--------|
| Max. permitted ambient temp. at base | 450 °C |
|--------------------------------------|--------|

Lifespan

| | |
|----------|-------|
| Lifespan | 750 h |
|----------|-------|

Additional product data

| | |
|-----------------------------|-----|
| Base (standard designation) | G38 |
|-----------------------------|-----|

Capabilities

| | |
|------------------|----------------------|
| Cooling | Convection or forced |
| Burning position | Any |

Environmental information

| Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH) | |
|---|------------------------------------|
| Date of Declaration | 01-11-2022 |
| Primary Article Identifier | 4052899984202 |
| Candidate List Substance 1 | No declarable substances contained |
| Declaration No. in SCIP database | No declarable substances contained |

Product datasheet

Safety advice

Because of their high luminance, UV radiation and high internal pressure during operation, HMI lamps may only be operated in enclosed lamp casings specially constructed for the purpose. Mercury is released if the lamp breaks. Special safety precautions must be taken. Information on safety and handling is available on request or can be found in the leaflet included with the lamp or in the operating instructions.

Logistical Data

| Product code | Product description | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Volume | Gross weight |
|---------------|---------------------|---------------------------------|---|----------------------|--------------|
| 4052899984202 | HMI DIGITAL 1800 W | Shipping carton box 1 | 340 mm x 160 mm x 165 mm | 8.98 dm ³ | 520.00 g |

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

Disclaimer

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.