

HMI DIGITAL 800W



Product features and benefits

- Reduced flicker when used with high-speed electronic ballasts (up to 1000 Hz and higher)
- Suited for both analog and digital film productions
- High intensity light providing true color performance with a CRI>90
- Capable of hot restrike ignition
- High color stability with average changes in color temperature during lamp life only 1°K/hr
- Dimmable down to 40% with stable color using many electronic ballasts
- High energy efficiency providing up to 100 LPW
- Enhanced safety with UV-Stop (UVS) feature on all DIGITAL types

Areas of application

- Studio, TV and film
- Professional Photography
- Solar Simulation

Technical data

General product information

| | |
|-----------------------|---|
| Product Number | 55076 |
| Product Name | HMIDIGITAL800W 10/CS 1/SKU |
| Ordering Abbreviation | HMI DIGITAL 800W |
| Brand Name | OSRAM |
| Family Brand Name | HMI DIGITAL |
| General Description | 800 watt, metal halide, G22 base, single end, 6000K, HMI, UVS, UV stopquartz |
| Application | Film, TV & Video Production, Photography |
| Product Remark | <ul style="list-style-type: none">– Optimized lamp eXtreme Seal (XS) technology to withstand interior base temperatures of up to 450 degrees celsius.– UVS=UV-Stop. UVS technology reduces harmful UV-B and UV-C ultraviolet radiation emissions by 99%.– Designed to approximate daylight color temperature (5600K to 6200K) inside of a fixture. Note that color temperature will vary based on the ballast used and its operating frequency. |

Electrical data

| | |
|-----------------|-------|
| Nominal Wattage | 800 W |
| Nominal Voltage | 95 V |
| Current (A) | 8.4 A |
| Type of Current | AC |

Light technical data

| | |
|--------------------------------|----------|
| Luminous Flux | 69000 lm |
| Light Center Length - LCL (mm) | 70 mm |
| Color Temperature | 6300 K |
| Average Rated Life | 1000 h |

Physical attributes

| | |
|-----------------------------|-------------------|
| Base | G22 Medium Bipost |
| Bulb Shape | T9.5 |
| Maximum Overall Length (in) | 5.71 in |
| Maximum Overall Length (mm) | 145 mm |
| Length l (in) | 5.71 in |
| Length l (mm) | 145 mm |

Product datasheet

| | |
|---------------------------|----------|
| Diameter d (in) | 1.181 in |
| Diameter d (mm) | 30.00 mm |
| Distance a (in) | 2.760 in |
| Distance a (mm) | 70 mm |
| Electrode Gap - cold (mm) | 7 mm |

Additional product data

| | |
|-------------------------------|------------|
| Operating Position | Any |
| Maximum Base Temperature (°C) | 350 C |
| Cooling | CONVECTION |
| Hot Restart | Yes |

Packaging Information

| Product number | EAN/UPC | Packaging | Quantity | Outside dimensions l x w x h | Gross weight |
|----------------|---------------|---------------------|----------|------------------------------|--------------|
| 55076 | 4052899984141 | Folding box (SKU) | 1 | 2.2 in x 2.2 in x 6.8 in | 0.4 lb |
| 55076 | 4052899984189 | Shipping box (Case) | 10 | 11.6 in x 4.9 in x 7.5 in | 3.8 lb |

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

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