

HMI DIGITAL



Areas of application

- Studio, TV, & Film
- Stage & Theatre
- Professional & High Speed Photography

Product features and benefits

- Suited for both analog and digital film productions
- Reduced flicker when used with high-speed electronic ballasts (up to 1000 Hz and higher)
- Enhanced safety with UV-Stop (UVS) feature on all DIGITAL types
- High intensity light providing true color performance with a CRI >90
- Color temperature approximately 6000 K - simulates daylight within the fixture
- Robust design provide durability during transport
- High energy efficiency providing up to 100 lumens/watt
- Capable of hot restrike ignition



Product family datasheet



HMI 1600W Digital, product line drawing top neutral dimensions



HMI 1600W Digital, product line drawing top neutral dimensions

Product family datasheet

Technical data

| General Product Information | | | | |
|-----------------------------|---------------------------|-------------------------------|--------------|------------------------|
| Product description | Product number (Americas) | Product name (Americas) | Family brand | Global order reference |
| HMI DIGITAL 200 W | 55072 | HMI DIGITAL 200W 10/CS 1/SKU | HMI DIGITAL | HMI DIGITAL 200 W |
| HMI DIGITAL 400 W | 55073 | HMI DIGITAL 400W 10/CS 1/SKU | HMI DIGITAL | HMI DIGITAL 400 W |
| HMI DIGITAL 575 W | 55074 | HMI DIGITAL 575W 10/CS 1/SKU | HMI DIGITAL | HMI DIGITAL 575 W |
| HMI DIGITAL 800 W | 55076 | HMI DIGITAL 800W 10/CS 1/SKU | HMI DIGITAL | HMI DIGITAL 800 W |
| HMI DIGITAL 1200 W | 55077 | HMI DIGITAL 1200W 1/CS 1/SKU | HMI DIGITAL | HMI DIGITAL 1200 W |
| HMI DIGITAL 1600 W | 56782 | HMI DIGITAL 1600W 1/CS 1/SKU | | HMI DIGITAL 1600 W |
| HMI DIGITAL 1800 W | 55078 | HMI DIGITAL 1800W 1/CS 1/SKU | HMI DIGITAL | HMI DIGITAL 1800 W |
| HMI DIGITAL 2500 W | 55182 | HMI DIGITAL 2500W 1/CS 1/SKU | HMI DIGITAL | HMI DIGITAL 2500 W |
| HMI DIGITAL 4000 W | 55081 | HMI DIGITAL 4000W 1/CS 1/SKU | HMI DIGITAL | HMI DIGITAL 4000 W |
| HMI DIGITAL 6000 W | 59584 | HMI DIGITAL 6000W 1/CS 1/SKU | HMI DIGITAL | HMI DIGITAL 6000 W |
| HMI DIGITAL 9000 W | 59941 | HMI DIGITAL 9000W 1/CS 1/SKU | HMI DIGITAL | HMI DIGITAL 9000 W |
| HMI DIGITAL 18000 W | 59585 | HMI DIGITAL 18000W 1/CS 1/SKU | HMI DIGITAL | HMI DIGITAL 18000 W |

| Electrical Data | | | | |
|---------------------|------------|-----------------|-----------------|-----------------|
| Product description | Lamp type | Nominal wattage | Nominal voltage | Nominal current |
| HMI DIGITAL 200 W | | 200 W | 69 V | 2.9 A |
| HMI DIGITAL 400 W | | 400 W | 75 V | 5.3 A |
| HMI DIGITAL 575 W | | 575 W | 94 V | 6.1 A |
| HMI DIGITAL 800 W | | 800 W | 95 V | 8.4 A |
| HMI DIGITAL 1200 W | | 1200 W | 100 V | 12 A |
| HMI DIGITAL 1600 W | | 1600 W | 155 V | 10.3 A |
| HMI DIGITAL 1800 W | | 1800 W | 140 V | 12.9 A |
| HMI DIGITAL 2500 W | | 2500 W | 118 V | 24.5 A |
| HMI DIGITAL 4000 W | | 4000 W | 200 V | 24 A |
| HMI DIGITAL 6000 W | ROUNDFOIL | 6000 W | 123 V | 55 A |
| HMI DIGITAL 9000 W | SINGLE-END | 9000 W | 160 V | 56 A |
| HMI DIGITAL 18000 W | | 18000 W | 225 V | 88 A |

| Physical Attributes & Dimensions | | | | |
|----------------------------------|-----------------------|-----------|----------|---------------|
| Product description | Photometric Data | Lamp base | Diameter | Diameter (in) |
| | Nominal luminous flux | | | |
| HMI DIGITAL 200 W | 16000 lm | GZY9.5 | 19.0 mm | 0.787 in |

Product family datasheet

| Product description | Photometric Data | Physical Attributes & Dimensions | | |
|---------------------|-----------------------|----------------------------------|----------|---------------|
| | Nominal luminous flux | Lamp base | Diameter | Diameter (in) |
| HMI DIGITAL 400 W | 32500 lm | GZZ9.5 | 23.0 mm | 0.906 in |
| HMI DIGITAL 575 W | 49000 lm | G22 | 30.0 mm | 1.181 in |
| HMI DIGITAL 800 W | 69000 lm | G22 | 30.0 mm | 1.181 in |
| HMI DIGITAL 1200 W | 110000 lm | G38 | 40.0 mm | 1.654 in |
| HMI DIGITAL 1600 W | 144000 lm | G22 | 40.0 mm | |
| HMI DIGITAL 1800 W | 165000 lm | G38 | 40.0 mm | 1.654 in |
| HMI DIGITAL 2500 W | 220000 lm | G38 | 60.9 mm | |
| HMI DIGITAL 4000 W | 387000 lm | G38 | 75.0 mm | |
| HMI DIGITAL 6000 W | 600000 lm | GX38 | 75.0 mm | |
| HMI DIGITAL 9000 W | 875000 lm | GX38 | 80.0 mm | |
| HMI DIGITAL 18000 W | 1600000 lm | GX51 | 100.0 mm | |

| Product description | Diameter | Length | Product weight | Electrode gap (cold) |
|---------------------|----------|----------|----------------|----------------------|
| HMI DIGITAL 200 W | 19.0 mm | 80.0 mm | 18.00 g | |
| HMI DIGITAL 400 W | 23.0 mm | 110.0 mm | 32.00 g | |
| HMI DIGITAL 575 W | 30.0 mm | 145.0 mm | 131.00 g | |
| HMI DIGITAL 800 W | 30.0 mm | 145.0 mm | 131.00 g | |
| HMI DIGITAL 1200 W | 40.0 mm | 200.0 mm | 300.00 g | |
| HMI DIGITAL 1600 W | 40.0 mm | 173.0 mm | 180.00 g | 12.5 mm |
| HMI DIGITAL 1800 W | 40.0 mm | 200.0 mm | 305.00 g | 10.0 mm |
| HMI DIGITAL 2500 W | 60.9 mm | 225.0 mm | 343.30 g | |
| HMI DIGITAL 4000 W | 75.0 mm | 250.0 mm | 378.50 g | |
| HMI DIGITAL 6000 W | 75.0 mm | 360.0 mm | 925.00 g | |
| HMI DIGITAL 9000 W | 80.0 mm | 380.0 mm | 940.00 g | |
| HMI DIGITAL 18000 W | 100.0 mm | 495.0 mm | 1700.00 g | |

| Product description | Lifetime Data | Environmental & Regulatory Information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH) | | |
|---------------------|------------------|---|------------------------------------|------------------------------------|
| | Nominal lifetime | Primary article identifier | Declaration no. in SCIP database | Candidate list substance 1 |
| HMI DIGITAL 200 W | 200 hr | 4052899984110 | No declarable substances contained | No declarable substances contained |
| HMI DIGITAL 400 W | 650 hr | 4052899984127 | No declarable substances contained | No declarable substances contained |
| HMI DIGITAL 575 W | 1000 hr | 4052899984134 | No declarable substances contained | No declarable substances contained |
| HMI DIGITAL 800 W | 1000 hr | 4052899984141 | No declarable substances contained | No declarable substances contained |
| HMI DIGITAL 1200 W | 1000 hr | 4052899984196 | No declarable substances contained | No declarable substances contained |
| HMI DIGITAL 1600 W | 750 hr | 4062172128858 | In work | |
| HMI DIGITAL 1800 W | 750 hr | 4052899984202 | No declarable substances contained | No declarable substances contained |

Product family datasheet

| | Lifetime Data | Environmental & Regulatory Information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH) | | |
|---------------------|------------------|--|--------------------------------------|------------------------------------|
| Product description | Nominal lifetime | Primary article identifier | Declaration no. in SCIP database | Candidate list substance 1 |
| HMI DIGITAL 2500 W | 500 hr | 4052899984295 | No declarable substances contained | No declarable substances contained |
| HMI DIGITAL 4000 W | 500 hr | 4052899984301 | No declarable substances contained | No declarable substances contained |
| HMI DIGITAL 6000 W | 500 hr | 4062172005890 | 7c5a8266-8f2a-43a1-95b8-5931d68b0df1 | Lead |
| HMI DIGITAL 9000 W | 400 hr | 4062172001908 | 93767d86-c851-4107-80fa-6d9e2ea841f2 | Lead |
| HMI DIGITAL 18000 W | 350 hr | 4062172123372 | 0fcb88f6-5cad-4934-b467-37465d62c7d2 | Lead |

| Product description | CAS No. of substance 1 | Safe use instruction |
|---------------------|------------------------|--|
| HMI DIGITAL 200 W | | |
| HMI DIGITAL 400 W | | |
| HMI DIGITAL 575 W | | |
| HMI DIGITAL 800 W | | |
| HMI DIGITAL 1200 W | | |
| HMI DIGITAL 1600 W | | |
| HMI DIGITAL 1800 W | | |
| HMI DIGITAL 2500 W | | |
| HMI DIGITAL 4000 W | | |
| HMI DIGITAL 6000 W | 7439-92-1 | The identification of the Candidate List substance is sufficient to allow safe use of the article. |
| HMI DIGITAL 9000 W | 7439-92-1 | The identification of the Candidate List substance is sufficient to allow safe use of the article. |
| HMI DIGITAL 18000 W | 7439-92-1 | The identification of the Candidate List substance is sufficient to allow safe use of the article. |

Product family 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.

Application advice

For more detailed application information and graphics please see product datasheet.

Disclaimer

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