The smartMAC is an extremely bright profile light and image projector, the most efficient profile luminaire available in its class.

Versatile and ideally suited for indoor venues and bars, smartMAC is also perfect for environments that require total silence such as conference rooms, auditoriums, the theatre, TV studios, lounges, restaurants, hotel receptions, and shops.
What’s so smart about a smartMAC?

Clever solutions to old problems are what make smartMAC smart. In fact, some of the solutions are so new, we’re getting them patented.

<table>
<thead>
<tr>
<th>Brighter light for less</th>
<th>Silent operation</th>
</tr>
</thead>
<tbody>
<tr>
<td>The brightest luminaire in its class, the 150 W fixture even outperforms many of its 250 W rivals. Why pay more for less?</td>
<td>Performs silently without fans, offering discreet image projection, subtle mood lighting, or dramatic effects for the eye, not the ear.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Longer service intervals</th>
<th>Smaller power bills</th>
</tr>
</thead>
<tbody>
<tr>
<td>No dust and pollutants, fewer moving parts and greater energy efficiency offer significant savings in cleaning and maintenance.</td>
<td>High energy efficiency and reduced heat output mean savings on power bills – both for running smartMAC and with room air conditioning.</td>
</tr>
</tbody>
</table>

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<thead>
<tr>
<th>Compact fit and versatile</th>
<th>Entirely new way of changing gobos</th>
</tr>
</thead>
<tbody>
<tr>
<td>Slips in nicely under a low lounge ceiling, thanks to the slim mounting system. The small footprint means more headroom!</td>
<td>Lift the cover and access the color and gobo wheels without tools – you haven’t been able to do that before!</td>
</tr>
</tbody>
</table>
Brilliant image quality to promote your business, brand or venue, or to create your own unique mood – you decide!

**Super sharp image**
Superbly optimized optics provides very precise image quality and great depth of field, with excellent center-to-edge beam uniformity that keeps the image sharp.

**Variable focus**
The variable focus system lets you adjust image sharpness at any projection distance or create unfocused background effects.

**Short, wide throw**
At 25°, the cut-off angle is higher than for other comparable products, allowing for a greater projection diameter at shorter distances.

**Customized image projection**
Change color filters and gobos easily without tools simply by lifting the dedicated cover – this is a unique, patent pending Martin solution that lets you customize gobos for private parties, create your own unique mood, or throw your logo or name on any surface.

**Range of effects**
The smartMAC also has a fast shutter for instant or fade control of light intensity, strobe effects, and auto or music-triggered color and gobo effects.

**Preinstalled gobos**
The smartMAC comes with its own unique set of pre-installed glass and metal gobos, designed for stages, dance floors, or venues. All gobos can be continuously rotated or indexed to any required and repeatable position.

**Color wheel**
The color wheel has eight interchangeable color filters plus open, with full and split positions, offering a broad spectrum of colors.

**Brighter than the rest**
Almost takes care of itself
Incredibly easy to install and operate – and once running, you’ll experience significant savings in cleaning, service and maintenance.

Fast installation
The special mounting and bracket system significantly reduces installation costs and labor time, with the provision of a secondary fixing for safety. The low installation height and the small footprint make smartMAC ideal for venues with low ceilings.

Clever cable management
The smartMAC cleverly collects the cables in an easy to access port in the base. Simply click the lid into place to cover all cable connections.

Getting more out of the lamp
With smartMAC, the lamp performs in a clean environment that optimizes lamp life. Depending on the environment and lamp type, you get up to two years between lamp replacements – and the lamp is quick and easy to replace.

Quick and easy maintenance
The reality for most luminaires is that they are mounted and then often forgotten – until something goes wrong. The smartMAC is virtually maintenance-free and if you need to get the ladder out, service is completed rapidly by just one pair of hands.

Dust-proof luminaire
The closed construction around the smartMAC lamp, optics and effect wheels creates a dust-resilient luminaire, which is made possible by thermal management technology that eliminates fans, keeping the head free of external sources of pollutants.
Bank the difference with smartMAC. Following the initial purchase price, smartMAC saves you money from day one on your power bills and service and maintenance checks.

**Smaller power bills**

Efficient lighting means substantial cost savings. The long-life 150 W discharge lamp delivers a 44% lumen output, equating to the highest lumen per watt ratio in the 150-250 W class. This exceeds in brightness what others achieve with 250 W and for you that means smaller power bills.

**Cheaper lamp – greater output**

Replacement lamps are cheaper, too – buy a 150 W lamp and get the performance of a 250 W lamp. The long life (3000 hours) MSD 150/2 lamp is standard, and a very long life (9000 hours) CDM 150 lamp is also available.

**Save money on service**

With smartMAC there’s no reason to climb ladders and blow dust out of the system, or to clean the inside of the lens and lamp fitting. With no fans, smartMAC has fewer moving parts and turns a greater proportion of energy into light, reducing heat and wear and tear on the system.

**Increased resale value**

In addition to savings on your total investment over the product lifetime, smartMAC holds its value and offers great resale value, because smartMAC is built for long life performance and durability.

**Helps you make friends**

The smartMAC is your hard-wearing, long-lifetime profile luminaire solution, perfect for every situation, helping you stay friends with your bank manager.
Keeps cool without fans

Available in black and white
The smartMAC is available with the casing in black and in white. The white model is less conspicuous on light-colored surfaces and in architectural environments.

Soft beam the front-end
The smartMAC is sold with the profile lens as standard. An alternative front-end casing is available as an option with a Fresnel lens and is easily installed with four quarter-turns, for creating a soft-edged beam.

Use around the world
With user-configurable voltage and frequency settings, smartMAC can be quickly adapted to electrical requirements around the world.

Environmentals
The smartMAC meets the new EU RoHS standard, meaning no banned substances, such as lead solder, are used during manufacture. Parts of smartMAC are recyclable.

Easy maintenance & hassle-free service
Like all Martin products, smartMAC is designed and constructed to be used. If a product requires service, then this needs to be on-site and hassle-free. Martin’s service organization ensures that wherever you have a smartMAC, we are not far away.

Ready to entertain
With hundreds of possible combinations from the pre-programmed pan/tilt and effects macros, smartMAC is ready to entertain. Access the macros via DMX or the onboard control panel.

Unprecedented reliability
The thermal management technology uses the aluminum casing and specially-designed fins to conduct heat away from the head, keeping the front of the luminaire cool and offering unprecedented reliability. We have a patent pending for this unique solution.
### PHYSICAL

- **Length:** 387 mm (15.2 in.)
- **Width:** 352 mm (13.9 in.)
- **Height, head straight up:** 448 mm (17.6 in.)
- **Weight:** 21 kg (46.3 lbs)

### LAMP

- **Type:** 150 W discharge
- **Rated as standard:** Philips MSD 150/2
- **Color temperature:** 6500 K
- **CRI (Color rendering index):** 70
- **Average lifetime:** 3000 hours (3000 hours with CDM SA/T lamp)
- **Height, head straight up:** 448 mm (17.6 in.)
- **Width:** 352 mm (13.9 in.)
- **Fitted as standard:** Philips MSD 150/2

### ELECTRICAL

- **AC power input:** 3-pin IEC
- **DMX data in/out:** 3-pin and 5-pin locking XLR

### THERMAL

- **Maximum ambient temperature (Ta max.):** 40°C (104°F)
- **Total heat dissipation (calculated, +/- 10%):** 785 BTU/hr.
- **Power supply unit:** User-reconfigurable voltage and frequency settings
- **AC power:** 100-240 V nominal, 50/60 Hz

### DYNAMIC EFFECTS

- **Control options:** DMX, stand-alone, synchronized (master/slave)
- **Macro programs:** 10 pan/tilt and 10 effects macros, all with staggered start/chase feature
- **Motion control options:** Tracking and vector

### INSTALLATION

- **Mounting points:** Quick release mounting bracket or 2 pairs of 1/4-turn locks
- **Minimum distance to illuminated surfaces:** 250 mm (9.8 in.)
- **Minimum distance to combustible materials:** 100 mm (3.9 in.) from head, no minimum distance from base.

### CONNECTIONS

- **DMX data in/out:** 3-pin and 5-pin locking XLR
- **Power supply unit:** User-reconfigurable voltage and frequency settings
- **Main fuse:** 4 A (slow blow)

### CONTROL AND PROGRAMMING

- **Control options:** DMX, stand-alone, synchronized (master/slave)
- **Control panel with LED display:** Philips MSD 150/2
- **DDM: EN 60598-1, EN 60598-2-17
- **EU safety:** EN 60598-1, EN 60598-2-17
- **Canadian safety (pending):** CAN/CSA E 60598-2-17

### ACCESSORIES

- **User manual:** P/N 35000208
- **3 m (9.8 ft.) power cable, 3-pin IEC:** P/N 11501013
- **Quick release mounting bracket, smartMAC:** P/N 62406107
- **Diffusion filter:** P/N 90231000
- **Half-coupler clamp:** P/N 91602005
- **Omega bracket:** P/N 91602001
- **Fresnel lens kit:** P/N 91610034
- **Quick trigger clamp:** P/N 91602007
- **Test lamp:** Philips MSD 150/2
- **Rated color temperature:** 8500 K
- **Test conditions:** 230 V, 50 Hz, no effects applied

### EFFICIENCY

- **Lumens efficiency:** 29 lumens per watt
- **Efficacy:** 31%

### Photometric Data

#### smartMAC Photometric Data

**Test lamp:** Philips MSD 150/2

**Rated output:** 3900 lumens

**Rated life time:** 3000 hours

**No diffuser**

- **Distance:** 2 (m) 7 (ft)
- **Cut-off diameter:** 2.8 (m) 9.2 (ft)
- **Burrane (lx):** 54,508
- **Burrane (%)** 53.8
- **Total output:** 4,000 lumens
- **Illuminance (fc):** 31 lumens per watt
- **Efficacy:** 44%

**With optional diffuser**

- **Distance:** 2 (m) 7 (ft)
- **Cut-off diameter:** 2.8 (m) 9.2 (ft)
- **Burrane (lx):** 54,508
- **Burrane (%)** 53.8
- **Total output:** 4,000 lumens
- **Illuminance (fc):** 31 lumens per watt
- **Efficacy:** 44%

**Available as accessory**

- **MAC 250** (400 W)
- **MAC 575** (750 W)
- **MAC 1000** (1500 W)

**Efficiency of smartMAC compared with other MAC profiles**

<table>
<thead>
<tr>
<th>MAC profile</th>
<th>SmartMAC</th>
<th>MAC 250 (400 W)</th>
<th>MAC 575 (750 W)</th>
<th>MAC 1000 (1500 W)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lumen efficiency</td>
<td>44% (4400 lm)</td>
<td>26% (1600 lm)</td>
<td>28% (11100 lm)</td>
<td>20% (5000 lm)</td>
</tr>
</tbody>
</table>

**Photometric data is available from www.martin.com/service**
6 reasons why you’ll love it...

1 Brighter light for less
2 Longer service intervals
3 Compact fit and versatile
4 Silent operation. No fans
5 Smaller power bills
6 Entirely new way of changing gobos