

Hamilton[®] Technical Specification

LEADING EDGE DIMMER INFORMATION

NOTES FOR DIMMERS

| | |
|--------|-----------------------------------------------------------------------------------------------------|
| Note A | Tungsten filament GU10 lamps must be branded with a fuse base. |
| Note B | When using mains voltage halogen lamps - dimmers should be de-rated by 25%. |
| Note C | When using mains voltage halogen load transformers - maximum rating is 210VA. |
| Note D | To only be used with Touch Master Dimmers. |
| Note E | When dimming LED lamps de-rated by 75% - please contact our Technical Department for compatibility. |

Leading Edge Resistive Dimmers - METAL PLATES

| Number of dimmer switches per plate | Nominal plate size mm | Dimmer type | Max plate load W (Watts) | Lamp type | | | | |
|-------------------------------------|-----------------------|-------------|--------------------------|---------------------------------------------|------|-----------------------|------------------|-----|
| | | | | Tungsten Filament including halogen (Watts) | | Linea Halogen (Watts) | GU10 LED (Watts) | |
| | | | | Min | Max | Max | Min | Max |
| 1 | 88x88 | 1 x 40 | 400 | 40 | 400 | 300 | 10 | 100 |
| 2 | 88x88 | 2 x 40 | 600 | 40 | 300 | 300 | 10 | 100 |
| 3 | 88x146 | 3 x 40 | 1200 | 40 | 400 | 300 | 10 | 100 |
| 4 | 88x146 | 4 x 40 | 1200 | 40 | 300 | 250 | 10 | 100 |
| 6 | 150x150 | 6 x 40 | 1800 | 40 | 300 | 250 | 10 | 100 |
| 8 | 150x150 | 8 x 40 | 1800 | 40 | 300 | 250 | 10 | 100 |
| 9 | 150x210 | 9 x 40 | 2250 | 40 | 250 | 250 | 10 | 100 |
| 12 | 150x210 | 12 x 40 | 2250 | 40 | 200 | 150 | 10 | 100 |
| 12 | 210x280 | 12 x 40 | 3600 | 40 | 300 | 200 | 10 | 100 |
| 16 | 210x280 | 16 x 40 | 3600 | 40 | 225 | 200 | 10 | 100 |
| 1 | 88x88 | 1 x 60 | 600 | 100 | 600 | 450 | 15 | 150 |
| 1 | 88x146 | 1 x 1K | 1000 | 150 | 1000 | 750 | 25 | 250 |

Leading Edge Resistive Dimmers - WOOD PLATES

| Number of dimmer switches per plate | Nominal plate size mm | Dimmer type | Max plate load W (Watts) | Lamp type | | | | |
|-------------------------------------|-----------------------|-------------|--------------------------|---------------------------------------------|-----|-----------------------|------------------|-----|
| | | | | Tungsten Filament including halogen (Watts) | | Linea Halogen (Watts) | GU10 LED (Watts) | |
| | | | | Min | Max | Max | Min | Max |
| 1 | 88x88 | 1 x 40 | 400 | 40 | 400 | 300 | 10 | 100 |
| 2 | 88x146 | 2 x 40 | 600 | 40 | 300 | 300 | 10 | 100 |
| 3 | 88x146 | 3 x 40 | 900 | 40 | 300 | 300 | 10 | 100 |
| 4 | 88x146 | 4 x 40 | 1000 | 40 | 250 | 200 | 10 | 100 |
| 6 | 150x150 | 6 x 40 | 1200 | 40 | 200 | 200 | 10 | 100 |
| 9 | 150x210 | 9 x 40 | 1800 | 40 | 200 | 200 | 10 | 100 |

Leading Edge Resistive Dimmers - PLASTIC PLATES

| Number of dimmer switches per plate | Nominal plate size mm | Dimmer type | Max plate load W (Watts) | Lamp type | | | | |
|-------------------------------------|-----------------------|-------------|--------------------------|---------------------------------------------|-----|-----------------------|------------------|-----|
| | | | | Tungsten Filament including halogen (Watts) | | Linea Halogen (Watts) | GU10 LED (Watts) | |
| | | | | Min | Max | Max | Min | Max |
| 1 | 88x88 | 1 x 40 | 400 | 40 | 400 | 300 | 10 | 100 |
| 2 | 88x88 | 2 x 40 | 600 | 40 | 300 | 300 | 10 | 100 |
| 3 | 88x146 | 3 x 40 | 900 | 40 | 300 | 300 | 10 | 100 |
| 4 | 88x146 | 4 x 40 | 1000 | 40 | 250 | 250 | 10 | 100 |