



ION INDUSTRIES

GU10 Lighting

Een ION INDUSTRIES rapportage met testresultaten van een selectie zelfontwikkelde LED dimmers. Voorop staat de comptabiliteit van de dimmer t.o.v. geselecteerde LED lampen.







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Gedetailleerd technisch overzicht

GU10 4.5W

| | | | | | | | | | | | |
|---|---|----------------------|--------------|-------------|--|----------------------|--------------------|------------------------|-------------------------|--------------------|-----|
| ION INDUSTRIES | | | | | <p>GU10 4.5W</p>  <p>AC33736 3pcs 4.5W Actual Measured : 4.5W 0.7PF</p> | | | | | | |
| Legend | | | | | | | | | | | |
| | Good dimmability with indicated number of lamps (dimming range greater than 75%) | | | | | | | | | | |
| | Limited dimmability with indicated number of lamps (dimming range smaller than 75%) | | | | | | | | | | |
| | Undesired dimmability | | | | | | | | | | |
| | Not tested | | | | | | | | | | |
| Dimmers | | | | | Diming range 1 lamp | | | Diming range 3 lamps | | | |
| Brand | Model | Voltage range | Power | Type | Dimming range W | Max PF | Dim quality | Dimming range W | Max PF | Dim quality | |
|  | ION INDUSTRIES | 90.200.010 | 230V | 200W | Trailing Edge, AUTO | 0 - 5.4 | 0,78 | 98% | 0 - 15.9 | 0,788 | 98% |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
|  | ION INDUSTRIES | 90.100.020 | 230V | 200W | Trailing edge, AUTO | 0 - 5.4 | 0,78 | 97% | 0 - 15.7 | 0,79 | 97% |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
|  | ION INDUSTRIES | 90.500.010* | 230V | 200W | Trailing edge, WIFI | With N wire: 0 - 5.8 | 0,8 | 96% | With N wire: 0 - 15.9 | 0,82 | 96% |
| | | | | | | | | | | | |
| | | | | | | | Without N wire | | Without N wire 0 - 15.5 | 0,8 | 95% |



GU10 6W

| ION INDUSTRIES | | | | | GU10 6W  AC32725 3pcs 6W Actual Measured : 5.64W 0.72PF | | | | | | |
|---|----------------|---|-------|------|---|-----------------------|-------------|----------------------|-------------------------|-------------|-----|
| Legend | | | | | | | | | | | |
| | | Good dimmability with indicated number of lamps (dimming range greater than 75%) | | | | | | | | | |
| | | Limited dimmability with indicated number of lamps (dimming range smaller than 75%) | | | | | | | | | |
| | | Undesired dimmability | | | | | | | | | |
| | | Not tested | | | | | | | | | |
| Dimmers | | | | | Diming range 1 lamp | | | Diming range 3 lamps | | | |
| Brand | Model | Voltage range | Power | Type | Dimming range W | Max PF | Dim quality | Dimming range W | Max PF | Dim quality | |
|  | ION INDUSTRIES | 90.200.010 | 230V | 200W | Trailing Edge, AUTO | 0 - 6.45 | 0,79 | 98% | 0 - 19 | 0,79 | 99% |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
|  | ION INDUSTRIES | 90.100.020 | 230V | 200W | Trailing edge, AUTO | 0 - 6.4 | 0,79 | 96% | 0 - 18.7 | 0,79 | 96% |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
|  | ION INDUSTRIES | 90.500.010* | 230V | 200W | Trailing edge, WIFI | With N wire: 0 - 15.9 | 0,8 | 98% | With N wire: 0 - 15.9 | 0,8 | 97% |
| | | | | | | Without N wire | | | Without N wire 0 - 18.3 | 0,8 | 96% |
| | | | | | | | | | | | |



GU10 8.3W

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GU10 8.3W



AC32732 4pcs 8.3W Actual Measured : 8.6W 0.73PF

Legend

| | |
|--|---|
| | Good dimmability with indicated number of lamps (dimming range greater than 75%) |
| | Limited dimmability with indicated number of lamps (dimming range smaller than 75%) |
| | Undesired dimmability |
| | Not tested |

Dimmers



| Brand | Model | Voltage range | Power | Type | Diming range 1 lamp | | | Diming range 3 lamps | | |
|----------------|-------------|---------------|-------|---------------------|-----------------------|--------|-------------|-----------------------|--------|-------------|
| | | | | | Dimming range W | Max PF | Dim quality | Dimming range W | Max PF | Dim quality |
| ION INDUSTRIES | 90.200.010 | 230V | 200W | Trailing Edge, AUTO | 0 - 9.4 | 0,788 | 98% | 0 - 37.1 | 0,797 | 97% |
| | | | | | | | | | | |
| | | | | | | | | | | |
| ION INDUSTRIES | 90.100.020 | 230V | 200W | Trailing edge, AUTO | 0 - 9.3 | 0,798 | 98% | 0 - 36.9 | 0,8 | 98% |
| | | | | | | | | | | |
| | | | | | | | | | | |
| ION INDUSTRIES | 90.500.010* | 230V | 200W | Trailing edge, WIFI | With N wire: 0 - 15.9 | 0,81 | 97% | With N wire: 0 - 15.9 | 0,81 | 97% |
| | | | | | Without N wire | | | Without N wire 0 - 37 | 0,72 | 96% |
| | | | | | | | | | | |