



Catalogue **LED TECHNOLOGY**  
 Line **LED Lamps HALOTEC**  
 Family **LED Lamps HALOTEC**  
 Subfamily **Led Lamps E14**

| Picture  | Article   | Description | Lot | Price/Unit |
|--|---|-------------|-----|------------|
|  | E2901047  |             | 1   | 1,96 €     |
|  | Lamp Candle E14 LED 4W 100-250V 3000K matted  |             | 10  | 1,45 €     |
|  | CRI>80 Average life 30.000h. For 230V   |             |     |            |
|  | Length (mm): 107 Diameter (mm): 38  |             |     |            |
|  | Colour: Warm White Voltage In (Vac): 230  |             |     |            |
|  | Frecuency (Hz): 50~60 Power (W): 4  |             |     |            |
|  | Colour Temperature (°K): 3000 Lumen: 320  |             |     |            |
|  | Socket: E14 Energy efficiency: A+ Kwh/1000h: 4  |             |     |            |
|  | Dimmable: NO Power factor: >0,4   |             |     |            |
|  | Switching cycle (≥): 15000  |             |     |            |
|  | Warm-up time up to 60% of the full light output (sec): <0,5                             |             |     |            |
|  | Lumen maintenance factor at the end of the nominal life: 0,70 Starting time (seg): <0,5 |             |     |            |
|  | Colour consistency: <6 sdcm   |             |     |            |




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Subfamily **Led Lamps E14**

| Picture   | Article  | Description  | Lot | Price/Unit |
|---|----------|--|-----|------------|
|  | E2901063 |  | 1   | 1,32 €     |
|   |          | Bulb Candle TP E14 LED 6W 230V 4000K matte   | 10  | 1,10 €     |
|   |          | Thermoplastic body   | 50  | 1,05 €     |
|   |          | Length (mm): 105 Diameter (mm): 37<br>Colour: Natural White Voltage In (Vac): 220~240<br>Frecuency (Hz): 50~60 Power (W): 6<br>Colour Temperature (°K): 4000 Lumen: 480<br>Angle (°): 145 Socket: E14 Energy efficiency: A+<br>Kwh/1000h: 6 Incandescence equivalence (W): 40<br>CRI (?): 80 Life (Hours): 25000 Dimmable: NO<br>Power factor: >0.4 Switching cycle (?): 15000<br>Warm-up time up to 60% of the full light output (sec): <0.5<br>Lumen maintenance factor at the end of the nominal life: 0.7 Starting time (seg): <0.5<br>Colour consistency: <6 sdcn |     |            |




Subfamily **Led Lamps E14**

| Picture   | Article  | Description | Lot | Price/Unit |
|---|--|-------------|-----|------------|
|  | E2911068   |             | 1   | 1,33 €     |
|   | Spherical bulb TP E14 LED 6W 230V 270K matt  |             | 10  | 1,11 €     |
|   | Thermoplastic body   |             | 50  | 1,05 €     |
|   | Length (mm): 80 Diameter (mm): 45<br>Colour: Warm White Voltage In (Vac): 220~240<br>Frecuency (Hz): 50~60 Power (W): 6<br>Colour Temperature (°K): 2700 Lumen: 480<br>Angle (°): 145 Socket: E14 Energy efficiency: A+<br>Kwh/1000h: 6 Incandescence equivalence (W): 40<br>CRI (?): 80 Life (Hours): 25000 Dimmable: NO<br>Power factor: >0.4 Switching cycle (?): 15000<br>Warm-up time up to 60% of the full light output (sec): <0.5<br>Lumen maintenance factor at the end of the nominal life: 0.7 Starting time (seg): <0.5<br>Colour consistency: <6 sdcn |             |     |            |




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Subfamily **Led Lamps E14**

| Picture   | Article   | Description                    | Lot | Price/Unit |
|---|---|--------------------------------|-----|------------|
|  | E2901053D   |                                | 1   | 2,46 €     |
|   | Pack 2 units  | Candle lamp LED TP E14 5W 230V | 10  | 1,99 €     |
|   |   | 4000K matt                     | 20  | 1,90 €     |
|   | Thermoplastic body and matt glass                           |                                |     |            |
|   | Length (mm): 113 Diameter (mm): 37                          |                                |     |            |
|   | Colour: Natural White Voltage In (Vac): 230                 |                                |     |            |
|   | Frecuency (Hz): 50~60 Power (W): 5                          |                                |     |            |
|   | Colour Temperature (°K): 4000 Lumen: 400                    |                                |     |            |
|   | Socket: E14 Energy efficiency: A+ Kwh/1000h: 5              |                                |     |            |
|   | Incandescence equivalence (W): 40 CRI (?): 80               |                                |     |            |
|   | Life (Hours): 25000 Dimmable: NO Power factor: >0.4         |                                |     |            |
|   | Switching cycle (?): 15000                                  |                                |     |            |
|   | Warm-up time up to 60% of the full light output (sec): <0.5 |                                |     |            |
|   | Lumen maintenance factor at the end of the nominal li       |                                |     |            |
|   | fe: 0.70 Starting time (seg): <0.5                          |                                |     |            |
|   | Colour consistency: <6 sdcm                                 |                                |     |            |




Subfamily **Led Lamps E14**

| Picture   | Article   | Description | Lot | Price/Unit |
|---|---|-------------|-----|------------|
|  | E2901058D   |             | 1   | 2,46 €     |
|   | Pack 2 units LED Bulb TP E14 LED 5W 230V 2700K              |             | 10  | 1,99 €     |
|   | matte   |             | 20  | 1,90 €     |
|   | Thermoplastic body and matt glass                           |             |     |            |
|   | Length (mm): 113 Diameter (mm): 37                          |             |     |            |
|   | Colour: Warm White Voltage In (Vac): 230                    |             |     |            |
|   | Frecuency (Hz): 50~60 Power (W): 5                          |             |     |            |
|   | Colour Temperature (°K): 2700 Lumen: 400                    |             |     |            |
|   | Angle (°): 200 Socket: E14 Energy efficiency: A+            |             |     |            |
|   | Kwh/1000h: 5 Incandescence equivalence (W): 40              |             |     |            |
|   | CRI (?): 80 Life (Hours): 25000 Dimmable: NO                |             |     |            |
|   | Power factor: >0.4 Switching cycle (?): 15000               |             |     |            |
|   | Warm-up time up to 60% of the full light output (sec): <0.5 |             |     |            |
|   | Lumen maintenance factor at the end of the nominal li       |             |     |            |
|   | fe: 0.70 Starting time (seg): <0.5                          |             |     |            |
|   | Colour consistency: <6 sdcn                                 |             |     |            |



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Subfamily **Led Lamps E14**

| Picture   | Article  | Description | Lot | Price/Unit |
|---|--|-------------|-----|------------|
|  | E2901057   |             | 1   | 1,96 €     |
|   | Candle lamp LED E14 5W 230V 3000°K matt  |             | 10  | 1,45 €     |
|   | CRI>80 Average life 30.000h. Equivalent to 40W incandescence   |             | 20  | 1,40 €     |
|   | Length (mm): 107 Diameter (mm): 38<br>Colour: Warm White Voltage In (Vac): 230<br>Frecuency (Hz): 50~60 Power (W): 5<br>Colour Temperature (°K): 3000 Lumen: 400<br>Angle (°): 200 Socket: E14 Energy efficiency: A+<br>Kwh/1000h: 5 Incandescence equivalence (W): 40<br>CRI (?): 80 Life (Hours): 30000 Dimmable: NO<br>Power factor: >0.4 Switching cycle (?): 15000<br>Warm-up time up to 60% of the full light output (sec): <0.5<br>Lumen maintenance factor at the end of the nominal life: 0.70 Starting time (seg): <0.5<br>Colour consistency: <6 sdcn |             |     |            |



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Subfamily **Led Lamps E14**

| Picture   | Article   | Description | Lot | Price/Unit |
|---|---|-------------|-----|------------|
|  | E2911053D   |             | 1   | 2,46 €     |
|   | Pack 2 units Spherical lamp LED E14 TP 5W 230V 4000K matt   |             | 10  | 1,99 €     |
|   |   |             | 20  | 1,90 €     |
|   | <p>CRI&gt;80 Average life 30.000h. Equivalent to 40W incandescence</p> <p>Length (mm): 80 Diameter (mm): 45<br/>                     Colour: Natural White Voltage In (Vac): 230<br/>                     Frecuency (Hz): 50~60 Power (W): 5<br/>                     Colour Temperature (°K): 4000 Lumen: 400<br/>                     Angle (°): 145 Socket: E14 Energy efficiency: A+<br/>                     Kwh/1000h: 5 Incandescence equivalence (W): 40<br/>                     CRI (?): 80 Life (Hours): 25000 Dimmable: NO<br/>                     Power factor: &gt;0.4 Switching cycle (?): 15000<br/>                     Warm-up time up to 60% of the full light output (sec): &lt;0.5<br/>                     Lumen maintenance factor at the end of the nominal li fe: 0.70 Starting time (seg): &lt;0.5<br/>                     Colour consistency: &lt;6 sdcm</p> |             |     |            |



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Subfamily **Led Lamps E14**

| Picture   | Article  | Description  | Lot | Price/Unit |
|---|----------|--|-----|------------|
|  | E2911057 |  | 1   | 1,96 €     |
|   |          | Spherical lamp LED E14 5W 230V 3000°K matt   | 10  | 1,45 €     |
|   |          | CRI>80 Average life 30.000h. Equivalent to 40W incandescence   | 20  | 1,40 €     |
|   |          | Length (mm): 78 Diameter (mm): 45<br>Colour: Warm White Voltage In (Vac): 230<br>Frecuency (Hz): 50~60 Power (W): 5<br>Colour Temperature (°K): 3000 Lumen: 400<br>Socket: E14 Energy efficiency: A+ Kwh/1000h: 5<br>Incandescence equivalence (W): 40 CRI (?): 80<br>Life (Hours): 30000 Dimmable: NO Power factor: >0,4<br>Switching cycle (?): 15000<br>Warm-up time up to 60% of the full light output (sec): <0,5<br>Lumen maintenance factor at the end of the nominal life: 0,70 Starting time (seg): <0,5<br>Colour consistency: <6 sdcm |     |            |






Catalogue **LED TECHNOLOGY**  
 Line **LED Lamps HALOTEC**  
 Family **LED Lamps HALOTEC**  
 Subfamily **Led Lamps E27**

| Picture   | Article   | Description | Lot | Price/Unit |
|---|---|-------------|-----|------------|
|  | E2921061  |             | 1   | 1,32 €     |
|   | Spherical bulb TP E14 LED 6W 230V 6000K matt  |             | 10  | 1,10 €     |
|   | Thermoplastic body  |             | 50  | 1,05 €     |
|   | Length (mm): 80 Diameter (mm): 45<br>Colour: Cool white Voltage In (Vac): 220~240<br>Frecuency (Hz): 50~60 Power (W): 6<br>Colour Temperature (°K): 6000 Lumen: 480<br>Angle (°): 145 Socket: E27 Energy efficiency: A+<br>Kwh/1000h: 6 Incandescence equivalence (W): 40<br>CRI (≥): 80 Life (Hours): 25000 Dimmable: NO<br>Power factor: >0.4 Switching cycle (≥): 15000<br>Warm-up time up to 60% of the full light output (sec): <0.5<br>Lumen maintenance factor at the end of the nominal life: 0.70 Starting time (seg): <0.5<br>Colour consistency: <6 sdcn |             |     |            |



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Subfamily **Led Lamps E27**

| Picture   | Article  | Description | Lot | Price/Unit |
|---|--|-------------|-----|------------|
|  | E2931122   |             | 1   | 2,02 €     |
|   | Bulb Standard TP E27 LED 12W 230V 4000K matte  |             | 10  | 1,68 €     |
|   | Thermoplastic body   |             | 50  | 1,60 €     |
|   | Length (mm): 120 Diameter (mm): 60<br>Colour: Natural White Voltage In (Vac): 230<br>Frecuency (Hz): 50~60 Power (W): 12<br>Colour Temperature (°K): 4000 Lumen: 1050<br>Angle (°): 240 Socket: E27 Energy efficiency: A+<br>Kwh/1000h: 10 Incandescence equivalence (W): 80<br>CRI (?): 80 Life (Hours): 25000 Dimmable: NO<br>Power factor: >0.5 Switching cycle (?): 15000<br>Warm-up time up to 60% of the full light output (sec): <0.5<br>Lumen maintenance factor at the end of the nominal life: 0.70 Starting time (seg): <0.5<br>Colour consistency: <6 sdcn |             |     |            |



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Subfamily **Led Lamps E27**

| Picture   | Article   | Description | Lot | Price/Unit |
|---|---|-------------|-----|------------|
|  | E2931073  |             | 1   | 1,74 €     |
|   | Standard LED bulb TP E27 230V 7W 4000K matte  |             | 10  | 1,52 €     |
|   | CRI>80 Average life 30.000h. Equivalent to 50W incandescence  |             | 20  | 1,45 €     |
|   | Length (mm): 109 Diameter (mm): 60<br>Colour: Natural White Voltage In (Vac): 230<br>Frecuency (Hz): 50~60 Power (W): 7<br>Colour Temperature (°K): 4000 Lumen: 560<br>Angle (°): 270 Socket: E14 Energy efficiency: A+<br>Kwh/1000h: 7 Incandescence equivalence (W): 50<br>CRI (?): 80 Life (Hours): 25000 Dimmable: NO<br>Power factor: >0,5 Switching cycle (?): 15000<br>Warm-up time up to 60% of the full light output (sec): <0,5<br>Lumen maintenance factor at the end of the nominal li<br>fe: 0,70 Starting time (seg): <0,5<br>Colour consistency: <6 sdcm |             |     |            |



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Subfamily **Led Lamps E27**

| Picture   | Article   | Description | Lot | Price/Unit |
|---|---|-------------|-----|------------|
|  | E2931077  |             | 1   | 1,74 €     |
|   | GLS lamp LED E27 7W 230 3000°K matt   |             | 10  | 1,52 €     |
|   | CRI>80 Average life 30.000h. Equivalent to 50W incandescence  |             | 20  | 1,45 €     |
|   | Length (mm): 110 Diameter (mm): 60<br>Colour: Warm White Voltage In (Vac): 230<br>Frecuency (Hz): 50~60 Power (W): 7<br>Colour Temperature (°K): 3000 Lumen: 500<br>Socket: E27 Energy efficiency: A+ Kwh/1000h: 7<br>Incandescence equivalence (W): 50 CRI (?): 80<br>Life (Hours): 25000 Dimmable: NO Power factor: >0.5<br>Switching cycle (?): 15000<br>Warm-up time up to 60% of the full light output (sec): <0.5<br>Lumen maintenance factor at the end of the nominal life: 0.70 Starting time (seg): <0.5<br>Colour consistency: <6 sdcm |             |     |            |




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Subfamily **Led Lamps E27**

| Picture   | Article  | Description | Lot | Price/Unit |
|---|--|-------------|-----|------------|
|  | E2931072   |             | 1   | 1,74 €     |
|   | GLS lamp LED E27 7W 230 4000°K matt  |             | 10  | 1,52 €     |
|   | CRI>80 Average life 30.000h. Equivalent to 50W incandescence   |             | 20  | 1,45 €     |
|   | Length (mm): 110 Diameter (mm): 60<br>Colour: Natural White Voltage In (Vac): 230<br>Frecuency (Hz): 50~60 Power (W): 7<br>Colour Temperature (°K): 4000 Lumen: 500<br>Socket: E27 Energy efficiency: A+ Kwh/1000h: 7<br>Incandescence equivalence (W): 50 CRI (?): 80<br>Life (Hours): 25000 Dimmable: NO Power factor: >0.5<br>Switching cycle (?): 15000<br>Warm-up time up to 60% of the full light output (sec): <0.5<br>Lumen maintenance factor at the end of the nominal life: 0.70 Starting time (seg): <0.5<br>Colour consistency: <6 sdcm |             |     |            |




Catalogue **LED TECHNOLOGY**  
 Line **LED Lamps HALOTEC**  
 Family **LED Lamps HALOTEC**  
 Subfamily **Filament Led Lamps E27**

| Picture  | Article  | Description | Lot | Price/Unit |
|--|--|-------------|-----|------------|
|  | E295160D   |             | 1   | 5,29 €     |
|  | 125 LED bulb Globe filament E27 6W 230V 2700K dimmable   |             | 10  | 4,60 €     |
|  |  |             | 20  | 4,39 €     |
|  | Decorative filament with COB LED.  |             |     |            |
|  | Length (mm): 175 Diameter (mm): 125<br>Colour: Warm White Voltage In (Vac): 230<br>Frecuency (Hz): 50~60 Power (W): 6<br>Colour Temperature (°K): 2700 Lumen: 600<br>Angle (°): 360 Socket: E27 Energy efficiency: A++<br>Kwh/1000h: 6 Incandescence equivalence (W): 80<br>CRI (≥): 80 Life (Hours): 20000 Dimmable: SI |             |     |            |




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Subfamily **Filament Led Lamps E27**

| Picture   | Article  | Description                                   | Lot | Price/Unit |
|---|--|---|-----|------------|
|  | E295040D   |   | 1   | 3,75 €     |
|   |  | Decorative globe LED lamp 4W 2700°K E27 clear | 10  | 3,27 €     |
|   |  | CRI>80 Average life 25.000h                   | 20  | 3,13 €     |
|   | Length (mm): 175 Diameter (mm): 125<br>Colour: Warm White Voltage In (Vac): 230<br>Frecuency (Hz): 50~60 Power (W): 4<br>Colour Temperature (°K): 2700 Lumen: 450<br>Angle (°): 360 Socket: E27 Energy efficiency: A++<br>Kwh/1000h: 4 Incandescence equivalence (W): 40<br>CRI (?): 80 Life (Hours): 25000 Dimmable: NO<br>Power factor: >0,4 Switching cycle (?): 15000<br>Warm-up time up to 60% of the full light output (sec): <0,5<br>Lumen maintenance factor at the end of the nominal li<br>fe: 0,70 Starting time (seg): <0,5<br>Colour consistency: <6 sdcn |   |     |            |




Subfamily **Filament Led Lamps E27**

| Picture   | Article   | Description | Lot | Price/Unit |
|---|---|-------------|-----|------------|
|  | E296060D  |             | 1   | 5,05 €     |
|   | Led Bulb E27 Globe 95 filament 2700K 6W 230V  |             | 10  | 4,39 €     |
|   | COB LED decorative filament. Electronica integrated into the metal cap without additional ceramic body.   |             | 20  | 4,16 €     |
|   | Length (mm): 125 Diameter (mm): 95<br>Colour: Warm White Voltage In (Vac): 230<br>Frecuency (Hz): 50~60 Power (W): 6<br>Colour Temperature (°K): 2700 Lumen: 800<br>Angle (°): 360 Socket: E27 Energy efficiency: A++<br>Kwh/1000h: 6 Incandescence equivalence (W): 80<br>CRI (?): 80 Life (Hours): 25000 Dimmable: NO<br>Power factor: >0,5 Switching cycle (?): 15000<br>Warm-up time up to 60% of the full light output (sec): <0,5<br>Lumen maintenance factor at the end of the nominal life: 0,70 Starting time (seg): <0,5<br>Colour consistency: <6 sdcn |             |     |            |





Catalogue **LED TECHNOLOGY**  
 Line **LED Lamps HALOTEC**  
 Family **LED Lamps HALOTEC**  
 Subfamily **Led Reflector Lamps**

| Picture   | Article  | Description | Lot | Price/Unit |
|---|--|-------------|-----|------------|
|  | E2976087   |             | 1   | 2,70 €     |
|   | R63 Reflector LED bulb E27 8W 3000K matt   |             | 10  | 2,02 €     |
|   | Thermoplastic body and polycarbonate   |             | 20  | 1,82 €     |
|   | Length (mm): 100 Diameter (mm): 63<br>Colour: Warm White Voltage In (Vac): 170~265<br>Frecuency (Hz): 50~60 Power (W): 8<br>Colour Temperature (°K): 3000 Lumen: 700<br>Angle (°): 120 Socket: E27 Energy efficiency: A+<br>Kwh/1000h: 8 Incandescence equivalence (W): 70<br>CRI (≥): 80 Life (Hours): 25000 Dimmable: NO<br>Power factor: >0.5 Switching cycle (≥): 15000<br>Warm-up time up to 60% of the full light output (sec): <0.5<br>Lumen maintenance factor at the end of the nominal life: 0.70 Starting time (seg): <0.5<br>Colour consistency: <6 sdcn |             |     |            |




Catalogue **LED TECHNOLOGY**  
 Line **LED Lamps HALOTEC**  
 Family **LED Lamps HALOTEC**  
 Subfamily **Led Lamps GU10 230V**

| Picture  | Article   | Description | Lot | Price/Unit |
|--|---|-------------|-----|------------|
|  | E241006   |             | 1   | 3,96 €     |
|  | Dichroic lamp 20 LED MR16 230V GU10 orange  |             | 25  | 3,32 €     |
|  | Average life 20.000h  |             | 100 | 3,10 €     |
|  | Diameter (mm): 50 Colour: Orange<br>Voltage In (Vac): 230 Frecuency (Hz): 50<br>Power (W): 2 Candelas: 15 Socket: GU10<br>Energy efficiency: A Kwh/1000h: 2 Life (Hours): 20000<br>Dimmable: NO |             |     |            |



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Subfamily **Led Lamps GU10 230V**

| Picture   | Article   | Description | Lot | Price/Unit |
|---|---|-------------|-----|------------|
|  | E279161   |             | 1   | 10,52 €    |
|   | Lamp LED COB 6W 230V GU10 6000°K 60°  |             | 10  | 7,82 €     |
|   | CRI>80 average life 30.000h. Heatsink dissipator aluminium forged in cold   |             | 100 | 7,44 €     |
|   | Length (mm): 57 Diameter (mm): 50<br>Colour: Cool white Voltage In (Vac): 230<br>Frecuency (Hz): 50~60 Power (W): 6<br>Colour Temperature (°K): 6000 Lumen: 570<br>Angle (°): 60 Socket: GU10 Energy efficiency: A+<br>Kwh/1000h: 6 CRI (?): 80 Life (Hours): 30000<br>Dimmable: NO Power factor: >0,5<br>Switching cycle (?): 15000<br>Warm-up time up to 60% of the full light output (sec): 0,30<br>Lumen maintenance factor at the end of the nominal life: 0,70 Starting time (seg): 0,10<br>Colour consistency: <6 sdcm |             |     |            |










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Subfamily **Led Lamps GU10 230V**

| Picture   | Article | Description   | Lot | Price/Unit |
|---|---------|---|-----|------------|
|  | E279273 |   | 1   | 4,03 €     |
|   |         | Led bulb dimmable GU10 7W 5000K 230V 55mm   | 20  | 3,35 €     |
|   |         | Thermoplastic light gray. Bitensionales.  | 40  | 3,20 €     |
|   |         | Length (mm): 55 Diameter (mm): 50<br>Colour: Cool white Voltage In (Vac): 220-240<br>Frecuency (Hz): 50-60 Power (W): 7<br>Colour Temperature (°K): 5000 Lumen: 500<br>Angle (°): 60 Socket: GU10 Energy efficiency: A+<br>Kwh/1000h: 7 CRI (?): 80 Life (Hours): 30000<br>Dimmable: SI Power factor: >0.5<br>Switching cycle (?): 15000<br>Warm-up time up to 60% of the full light output (sec): 0.30<br>Lumen maintenance factor at the end of the nominal life: 0.70 Starting time (seg): 0.10<br>Colour consistency: <6 sdcn |     |            |




Catalogue **LED TECHNOLOGY**  
 Line **LED Lamps HALOTEC**  
 Family **LED Lamps HALOTEC**  
 Subfamily **Led Lamps GU5.3 12V**

| Picture  | Article  | Description   | Lot | Price/Unit |
|--|--|---|-----|------------|
|  | E249002  |   | 1   | 1,80 €     |
|  | Lamp dichroic 20 Leds MR16 12V GU5.3 yellow  |   | 10  | 1,51 €     |
|  | Not suitable for electronic transformers. Average life 20,000h   |   | 50  | 1,40 €     |
|  | Diameter (mm): 50 Colour: Yellow<br>Voltage In (Vdc/ac): 12 Frecuency (Hz): 50<br>Power (W): 1~2 Candelas: 11 Socket: GU5.3<br>Energy efficiency: A Kwh/1000h: 2 Life (Hours): 20000<br>Dimmable: NO |   |     |            |
|  |  |      |     |            |

|   |   |   |    |        |
|---|---|---|----|--------|
|  | E249003   |   | 1  | 1,80 € |
|   | Lamp dichroic 20 Leds MR16 12V GU5.3 red  |   | 10 | 1,51 € |
|   | Not suitable for electronic transformers. Average life 20,000h  |   | 50 | 1,40 € |
|   | Diameter (mm): 50 Colour: Red<br>Voltage In (Vdc/ac): 12 Frecuency (Hz): 50<br>Power (W): 1~2 Candelas: 14 Socket: GU5.3<br>Energy efficiency: A Kwh/1000h: 2 Life (Hours): 20000<br>Dimmable: NO |   |    |        |
|   |   |      |    |        |


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Subfamily **Led Lamps GU5.3 12V**

| Picture   | Article | Description   | Lot | Price/Unit |
|---|---------|---|-----|------------|
|  | E249004 |   | 1   | 1,80 €     |
|   |         | Lamp dichroic 20 Leds MR16 12V GU5.3 green  | 10  | 1,51 €     |
|   |         | Not suitable for electronic transformers. Average life 20,000h  | 50  | 1,40 €     |
|   |         | Diameter (mm): 50 Colour: Green<br>Voltage In (Vdc/ac): 12 Frecuency (Hz): 50<br>Power (W): 1~2 Candelas: 47 Socket: GU5.3<br>Energy efficiency: A Kwh/1000h: 2 Life (Hours): 20000<br>Dimmable: NO   |     |            |
|   |         |      |     |            |

|   |         |   |    |        |
|---|---------|---|----|--------|
|  | E249005 |   | 1  | 1,80 € |
|   |         | Lamp dichroic 20 Leds MR16 12V GU5.3 blue   | 10 | 1,51 € |
|   |         | Not suitable for electronic transformers. Average life 20,000h  | 50 | 1,40 € |
|   |         | Diameter (mm): 50 Colour: Blue<br>Voltage In (Vdc/ac): 12 Frecuency (Hz): 50<br>Power (W): 1~2 Candelas: 13 Socket: GU5.3<br>Energy efficiency: A Kwh/1000h: 2 Life (Hours): 2000<br>Dimmable: NO   |    |        |
|   |         |      |    |        |


Catalogue **LED TECHNOLOGY**  
 Line **LED Lamps HALOTEC**  
 Family **LED Lamps HALOTEC**  
 Subfamily **Led Lamps G9 230V**

| Picture  | Article  | Description | Lot | Price/Unit |
|--|--|-------------|-----|------------|
|  | E2990031   |             | 1   | 5,03 €     |
|  | Lamp G9 LED 3W 230V 6000°K   |             | 10  | 3,76 €     |
|  | CRI>80 Average life 25.000h  |             | 50  | 3,42 €     |
|  | Length (mm): 49 Diameter (mm): 16<br>Colour: Cool white Voltage In (Vac): 230<br>Frecuency (Hz): 50~60 Power (W): 3<br>Colour Temperature (°K): 6000 Lumen: 190<br>Socket: G9 Energy efficiency: A+ Kwh/1000h: 3<br>CRI (≥): 80 Life (Hours): 25000 Dimmable: NO<br>Power factor: >0,4 Switching cycle (≥): 15000<br>Warm-up time up to 60% of the full light output (sec): <0,5<br>Lumen maintenance factor at the end of the nominal li<br>fe: 0,70 Starting time (seg): <0,5<br>Colour consistency: <6 sdcm |             |     |            |



LED TECHNOLOGY > LED Lamps HALOTEC > LED Lamps HALOTEC


Subfamily **Led Lamps G9 230V**

| Picture   | Article   | Description | Lot | Price/Unit |
|---|---|-------------|-----|------------|
|  | E2990042  |             | 1   | 3,45 €     |
|   | Bulb G9 LED 3.5W 230V 4000k   |             | 10  | 2,60 €     |
|   | With high brightness SMD LED. Transparent plastic coating   |             | 50  | 2,35 €     |
|   | Length (mm): 49 Diameter (mm): 16<br>Colour: Natural White Voltage In (Vac): 230<br>Frecuency (Hz): 50~60 Power (W): 3.5<br>Colour Temperature (°K): 4000 Lumen: 350<br>Socket: G9 Energy efficiency: A+ Kwh/1000h: 3,5<br>CRI (?): 80 Life (Hours): 30000 Dimmable: NO<br>Power factor: >0,4 Switching cycle (?): 15000<br>Warm-up time up to 60% of the full light output (sec): <0,5<br>Lumen maintenance factor at the end of the nominal life: 0,70 Starting time (seg): <0,5<br>Colour consistency: <6 sdcn |             |     |            |





Catalogue **LED TECHNOLOGY**  
 Line **LED Lamps HALOTEC**  
 Family **LED Lamps HALOTEC**  
 Subfamily **Led luminaires with T5 Tube**

| Picture   | Article                          | Description  | Lot | Price/Unit |
|---|----------------------------------|--|-----|------------|
|  | E283046                          |  | 1   | 5,50 €     |
|   | T-5 Led Lamp 4W 6500K cool white |  | 5   | 4,58 €     |
|   |                                  | With switch. Includes cable with European plug of 1m length and auxiliary cable 20cm to connect to another strip. It also allows direct connection to another terminal strip. Easy installation.   | 15  | 4,20 €     |
|   |                                  | Length (mm): 308 Width (mm): 22,5 High (mm): 36<br>Colour: Cool white Voltage In (Vac): 230<br>Frequency (Hz): 50~60 Power (W): 4<br>Colour Temperature (°K): 6500 Lumen: 360<br>Angle (°): 130 Energy efficiency: A - A++ CRI (≥): 80<br>Life (Hours): 25000 Ingress Protection: IP20<br>Dimmable: NO |     |            |



Catalogue **LED TECHNOLOGY**  
 Line **LED Lamps HALOTEC**  
 Family **LED Lamps HALOTEC**  
 Subfamily **Led Tubes T8**  
 Led tubes T8

| Picture  | Article                                       | Description   | Lot | Price/Unit |
|--|---|---|-----|------------|
|   | E282091                                       |   | 1   | 3,00 €     |
|  | T8 LED Tube 60cm 9W 700lm 4000K Neutral white |   | 10  | 2,45 €     |
|  |   | Integrated electronics. Simple and direct to the phase and neutral connection without any additional element. Its angle of 270 degrees does not require rotary lampholder   |     | 30         |
|  |   | Length (mm): 602 Diameter (mm): 30<br>Colour: Natural White Voltage In (Vac): 180~264<br>Frecuency (Hz): 50~60 Power (W): 9<br>Room Temperature (°C): -20~+70<br>Colour Temperature (°K): 4000 Lumen: 700<br>Angle (°): 270 Socket: G13 Energy efficiency: A+<br>Kwh/1000h: 9 CRI (≥): 80 Life (Hours): 25000<br>Dimmable: NO Power factor: >0.9<br>Switching cycle (≥): 15000<br>Warm-up time up to 60% of the full light output (sec): <2.0<br>Lumen maintenance factor at the end of the nominal life: 0.70 Starting time (seg): <0.5<br>Colour consistency: <6 sdcn |     |            |
|  |   |   |     |            |




Subfamily **Led Tubes T8**

| Picture   | Article                                    | Description   | Lot | Price/Unit |
|---|--|---|-----|------------|
|  | E282092                                    |   | 1   | 3,30 €     |
|   | T8 LED Tube 60cm 9W 750lm 6500K cool white |   | 10  | 2,45 €     |
|   |  | Integrated electronics. Simple and direct to the phase and neutral connection without any additional element. Its angle of 270 degrees does not require rotary lampholder   |     | 30         |
|   |  | Length (mm): 602 Diameter (mm): 30<br>Colour: Cool white Voltage In (Vac): 180~264<br>Frecuency (Hz): 50~60 Power (W): 9<br>Room Temperature (°C): -20~+70<br>Colour Temperature (°K): 6500 Lumen: 750<br>Angle (°): 270 Socket: G13 Energy efficiency: A++<br>Kwh/1000h: 9 CRI (?): 80 Life (Hours): 25000<br>Dimmable: NO Power factor: >0.9<br>Switching cycle (?): 15000<br>Warm-up time up to 60% of the full light output (sec): <2.0<br>Lumen maintenance factor at the end of the nominal life: 0.70 Starting time (seg): <0.5<br>Colour consistency: <6 sdcm |     |            |
|   |  |   |     |            |



Subfamily **Led Tubes T8**



| Picture   | Article  | Description | Lot | Price/Unit |
|---|--|-------------|-----|------------|
|  | E282241  |             | 1   | 5,70 €     |
|   | Tube LED T8 150cm 24W 2300lm 4000K neutral white<br> |             | 10  | 4,30 €     |
|   |  |             | 30  | 4,10 €     |

Integrated electronics. Simple and direct to the phase and neutral connection without any additional element. Its angle of 270 degrees does not require rotary lampholder

Length (mm): 1512 Diameter (mm): 30  
 Colour: Natural White Voltage In (Vac): 180~264  
 Frecuency (Hz): 50~60 Power (W): 24  
 Room Temperature (°C): -20~+70  
 Colour Temperature (°K): 4000 Lumen: 2300  
 Angle (°): 270 Socket: G13 Energy efficiency: A+  
 Kwh/1000h: 24 CRI (?): 80 Life (Hours): 25000  
 Dimmable: NO Power factor: >0.9  
 Switching cycle (?): 15000  
 Warm-up time up to 60% of the full light output (sec): <2.0  
 Lumen maintenance factor at the end of the nominal life: 0.70 Starting time (seg): <0.5  
 Colour consistency: <6 sdcn



Subfamily **Led Tubes T8**

| Picture   | Article                                       | Description   | Lot | Price/Unit |
|---|---|---|-----|------------|
|  | E282242                                       |   | 1   | 5,70 €     |
|   | T8 LED Tube 150cm 24W 2400lm 6500K cool white |   | 10  | 4,30 €     |
|   |   | Integrated electronics. Simple and direct to the phase and neutral connection without any additional element. Its angle of 270 degrees does not require rotary lampholder   | 30  | 4,10 €     |
|   |   | Length (mm): 1512 Diameter (mm): 30<br>Colour: Cool white Voltage In (Vac): 180~264<br>Frecuency (Hz): 50~60 Power (W): 24<br>Room Temperature (°C): -20~+70<br>Colour Temperature (°K): 6500 Lumen: 2400<br>Angle (°): 270 Socket: G13 Energy efficiency: A+<br>Kwh/1000h: 24 CRI (?): 80 Life (Hours): 25000<br>Dimmable: NO Power factor: >0.9<br>Switching cycle (?): 15000<br>Warm-up time up to 60% of the full light output (sec): <2.0<br>Lumen maintenance factor at the end of the nominal li fe: 0.70 Starting time (seg): <0.5<br>Colour consistency: <6 sdcm |     |            |

