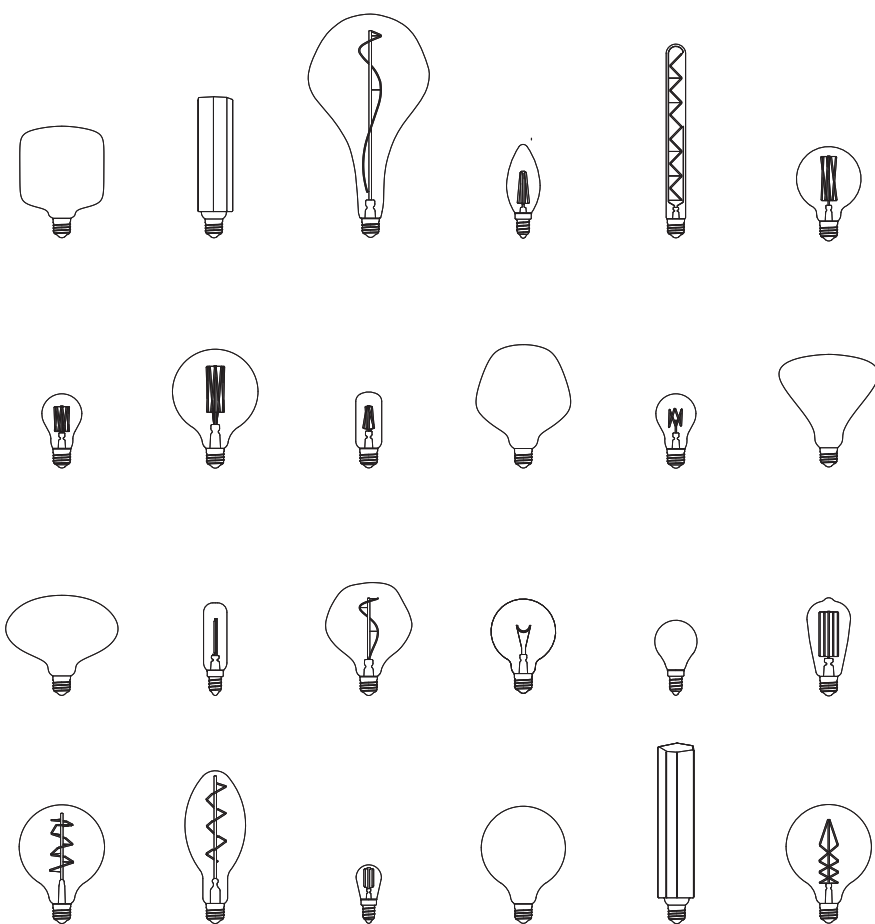


tala

TECHNICAL SPECIFICATIONS

Europe



QUALITY STANDARDS
MANUFACTURING

PARTNERSHIPS
RECOMMENDED DIMMERS

SPECIFICATIONS
FAQ



TALA QUALITY STANDARDS

All Tala products are manufactured to the highest standards. We closely monitor our manufacturing processes to ensure components and materials of the best quality are used.

As a result, all of our products are CE (UL in the US) and RoHS certified. We can guarantee they contain no RoHS-prohibited (Restriction of Harmful Substances) materials, including mercury.

This close monitoring of the manufacturing process also allows us to be sure that the product you receive will work for years to come. We stress-test each bulb for 3 hours to monitor for any problems that could develop later, allowing us to guarantee a lifetime of 30,000 hours - that's the equivalent of nearly three-and-a-half years switched on continuously, or 15 years when switched on for 5 hours a day, and 30,000 'switch cycles' (number of times turned on and off)!

Comfortable across a wide spectrum of operating conditions, a Tala bulb will work as well in the Tundra (-20°C) as it will in the desert (+40°C).

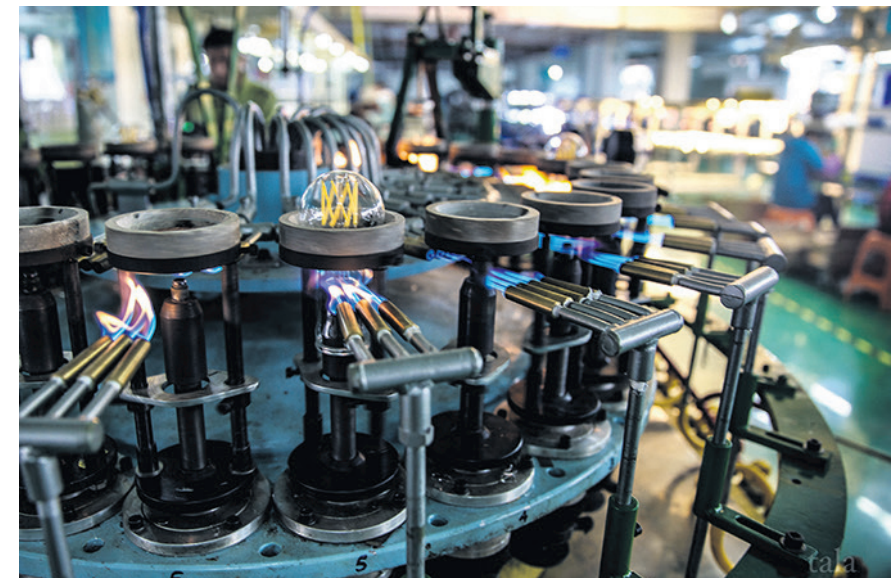
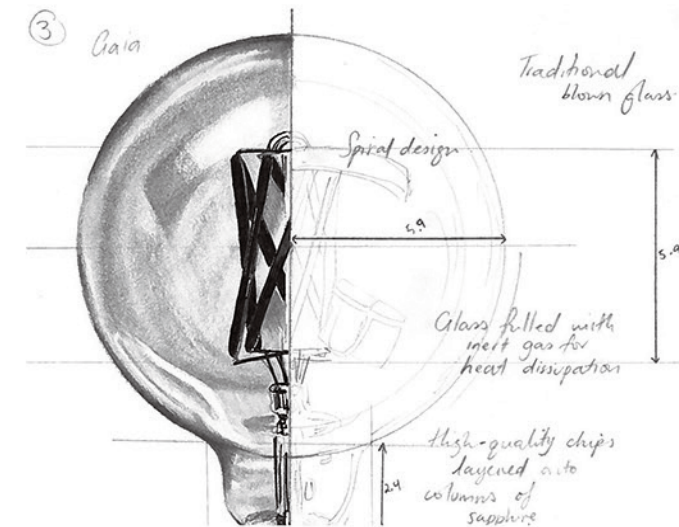


PARTNERSHIPS

Tala offers select partners a specialised design and manufacturing service. Our development team can create bespoke production runs and provide technical support during and after completion. We are firm believers in beautiful fixtures needing beautiful bulbs. There are four main areas for development within the partnership program - form, photometric, colour and electrical parameters. With these variables under control, Tala is able to produce a wide variety of bulb designs ranging in technical specification and overall design and finish.

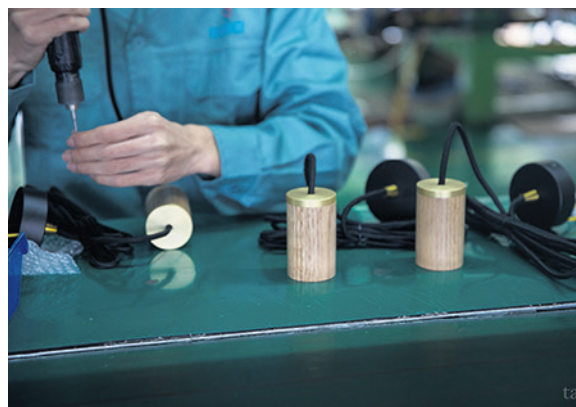
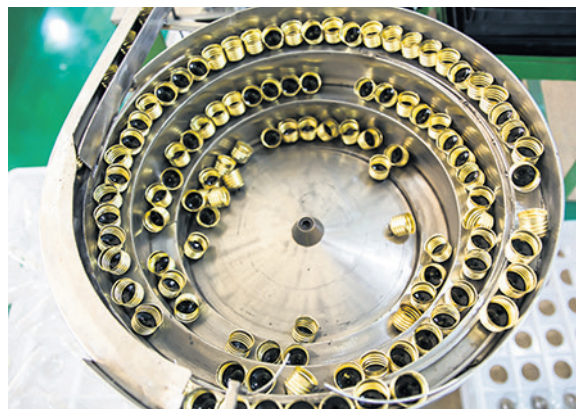
7 STEPS TOWARDS A PARTNERSHIP PROGRAM

1. **Initial brief and collaboration meeting**
 - Objectives
 - Mood boards
 - Technical brief / constraints
2. **Concept design presentation and feedback**
 - Renders and design intent
 - Budget
3. **Partnership agreement established**
 - Project schedule
 - Contracts
4. **Detailed design**
 - 3D models
 - Packaging / artwork
5. **Prototyping**
 - Testing
 - Safety standard registration
 - Production batch test
6. **Production**
 - Logistics and operations plan
 - Marketing and product materials
7. **Launch**



Top: Tala concept sketch
Bottom: Tala production line 2017

MANUFACTURING



Tala production and assembly 2017

Tala's quality management system conforms to the LIAQA scheme, enabling control over product quality and mitigation of production risks. We source all components individually to ensure they conform to the highest standards and sit well with our ethos.

CUTTING-EDGE MAIN COMPONENTS

GLASS: Our high-quality glass ensures the highest levels of transparency and minimal risk of scratching. Tala tints the glass during the moulding process– enveloping the tint into the glass itself instead of spraying it on.

FILAMENTS: Instead of more common ceramic- or glass-based materials, Tala uses sapphire substrate filaments to dissipate heat more quickly and ensure greater transparency. Sapphire substrate significantly increases the durability and CRI (Colour Rendering Index) of the filaments.

LED CHIPS: Sourced from Japan, Tala's chips are of the highest quality on the market.

PHOSPHOR COATING: Tala uses a carefully calibrated phosphor mix that is tuned to the colour temperature (warmth of light) required.

DRIVERS: Tala's cutting-edge driver technology enables its bulbs to be dimmed down to 5% with compatible dimmers on both trailing and leading-edge dimming systems.

ASSEMBLY: After sourcing, the components are then assembled at Tala's dedicated assembly line in China. Social and quality audits are conducted quarterly at the assembly line to guarantee that Tala's standards are always met.

INSPECTION: All products are inspected and tested post-production by a third-party company.

SHIPPING: We work with an international logistics partner to ensure orders can be fulfilled quickly and reliably across the globe.

DIMMERS

RECOMMENDED CONFIGURATIONS

There are a few configurations of bulb that we recommend to ensure smooth dimming.

- Don't mix different brands of bulbs. One 'bad' bulb on a circuit can cause all the others to perform poorly.
- Try to keep to only one type of Tala bulb on each dimmer. The different power and filament configurations can cause bulbs to dim at slightly different rates. Using the same bulbs will ensure the dimming is uniform.
- The dimming of low wattage LED light sources is still in its infancy. As a result, there is a lot a variation in the quality, compatibility and performance of dimmers, even from the same manufacturer. Our recommended dimmers will guarantee the best possible performance.

COMMON ISSUES

The following are some common issues experienced with dimmers.

- Most dimmers have a minimum load. Below this number of Watts, the dimmer will struggle to recognise that bulbs are connected to it, causing a host of issues.
- When dimming a single bulb, particularly 1W-2W bulbs, it is important to make sure the dimmer is sensitive enough to allow for controlled dimming.
- Some dimmers adjust their dimming method depending on the type of bulb they detect. While this can work well, it can cause flicker if the dimmer switches its method (trailing - leading) during bulb operation. We don't recommend using these types of dimmers.

RECOMMENDED DIMMERS

The below are dimmers we have experience with, and that have proven themselves time and time again.

	SMALL & MEDIUM SETUP		LARGE PROJECTS	
COUNTRY	BRAND	MODEL	BRAND	MODEL
Europe	Varilight	V-Pro	Mode	Tiger
USA	lutron	Diva ELV	Lutron	Grafik Eye 4000

TESTED COMPATIBLE DIMMERS

These dimmers exhibit the same reliable behaviour, but are not as prevalent in the market.

COUNTRY	BRAND	MODEL
Europe	Busch-Jaeger	6526U
		6523U-102
	Dimmax	420SL
		520S
	Eltako	EUD12NPN-UC
		EUD61NPN-UC
		DTD65-230V-wg
	Gira	System2000
	Merten	ATTD1000RL
	Mode	Tiger
	TECNEL	TE44895N
	Vadsbo	VD200
		LD220
	Varilight	V-pro
	Zano	ZBARCT

USA	Leviton	DSL06
		IPI06-1L-600W
	Lutron	DVELV-300p-WH

PRODUCT SPECIFICATIONS

COMMON ELEMENTS

All of our products have:

- CE (UL in the US) and RoHS certification
- Bulb lifetime: 30,000 hours, 30,000 switch cycles.
- Operating temperature: -20°C to 40°C

BULB PRODUCT CODE GUIDES

PART 1	PART 2	PART 3	PART 4	PART 5	PART 6
SQCG	- 3W	- 2200K	- E27	- T	- 240V
Product name	Wattage	Colour temperature	Base	Glass colour	Voltage

PART 1 - Product name
This defines the bulb shape and the formation of the filaments. All names in the product codes are referred to in 4 letters. Names may be longer.

PART 2 - Wattage of the bulbs

PART 3 - Colour temperature

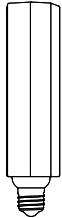
PART 4 - The base
It will be assumed that all bases (E27, E26, E14, E12, B22, B15) will be gold in colour unless specifically stated in the purchase order.

PART 5 - Colour of the glass
T = golden amber NT = clear
SB = Sand blasted MP = Matt porcelain

PART 6 - Bulb voltage
Where the voltage does not appear in the product code it is to be assumed that the product is 240V.

BASALT I

Variations:			BSALT-I-6W-2700K-E27-SB
6 Watt 300 lumens 50 lumens/Watt 240 volts	Base E27 Porcelain Custom shape	CRI >95 2700K	
EAN number:			5060400150137
Bulb dimensions:			W57 x L215mm
Outer carton dimensions:			L32 x W18 x H24cm
Pcs/carton:			8
Carton gross weight:			2.1KG



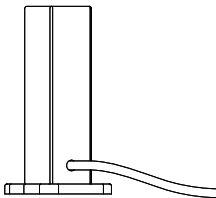
BASALT II

Variations:			BSALT-II-6W-2700K-E27-SB
6 Watt 300 lumens 50 lumens/Watt 240 volts	Base E27 Porcelain Custom shape	CRI >95 2700K	
EAN number:			5060400150144
Bulb dimensions:			W57 x L273mm
Outer carton dimensions:			L32 x W18 x H30cm
Pcs/carton:			8
Carton gross weight:			2.5KG



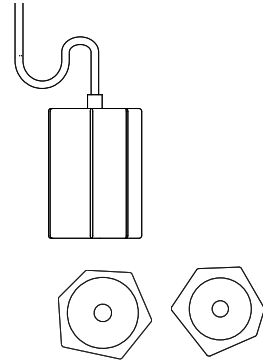
BASALT TOUCH LAMP

Variations:		BSALT-TL-UK	BSALT-TL-EU
240 volts Max 60 Watt Luminaire Class II	Base E27 3m cord 3-step dimming		
EAN number:		5060400150 113 / 120	
Materials:		Brass	
Lamp holder dimensions:		W87 x H141mm	
Outer carton dimensions:		L38 x W38 x H21	
Pcs/carton:		9	
Carton gross weight:		13.2KG	



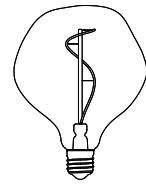
BASALT PENDANT

Variations:		BSALT-P1	BSALT-P2
240 volts Max 60 Watt Luminaire Class II	Base E27 3m cord		
EAN number:		50604001500 76 / 83	
Materials:		Brass/metal	
Pendant dimensions:		W57 x H74mm	
Ceiling rose dimensions:		Ø80 x H25 mm	
Outer carton dimensions:		L38 x W38 x H21cm	
Pcs/carton:		9	
Carton gross weight:		11.2KG	



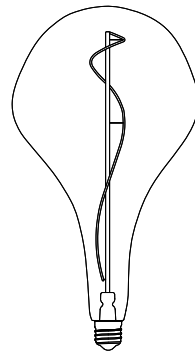
VORONOI I

Variations:			VORN-I-2W-2200K-E27-T
2 Watt 80 lumens 40 lumens/Watt 240 volts	Base E27 Tinted Custom shape	CRI >95 2200K	
EAN number:		5060400151875	
Bulb dimensions:		Ø125 x L175mm	
Outer carton dimensions:		L41 x W41 x H37cm	
Pcs/carton:		8	
Carton gross weight:		6.1KG	



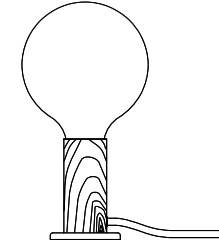
VORONOI II

Variations:			VORN-II-3W-2200K-E27-T
3 Watt 120 Lumens 40 Lumens/watt 240 volts	Base E27 Tinted Custom shape	CRI >95 2200K	
EAN number:		5060400151462	
Bulb dimensions:		Ø165 x L300mm	
Outer carton dimensions:		L63 x W40 x H38cm	
Pcs/carton:		4	
Carton gross weight:		5.5KG	



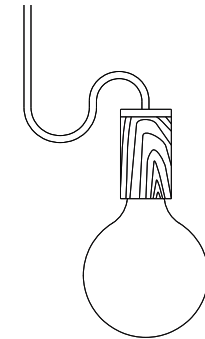
WALNUT/OAK TOUCH LAMP

Variations:		WALT-TL-01-UK/EU	OAK-TL-01-UK/EU
240 volts Max 60 Watt Luminaire Class II	Base E27 3m cord 3-step dimming		
EAN number:		50604001530 / 47 / 1851 / 1844	
Materials:		Oak/walnut - brass	
Lamp holder dimensions:		W85 x H135mm	
Outer carton dimensions:		L38 x W38 x H21cm	
Pcs/carton:		9	
Carton gross weight:		8.4KG	



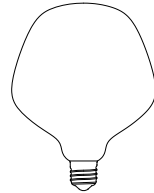
WALNUT/OAK PENDANT

Variations:		WALT-KP-01	OAK-KP-01
240 volts Max 60 Watt Luminaire Class II	Base E27 3m cord		
EAN number:		50604001554 / 61	
Materials:		Oak/walnut - brass	
Lamp holder dimensions:		W40 x H65mm	
Ceiling rose dimensions:		W80 x H25mm	
Outer carton dimensions:		L38 x W38 x H21cm	
Pcs/carton:		9	
Carton gross weight:		7KG	



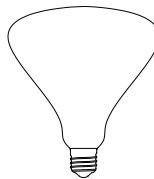
ENNO

Variations: ENNO-6W-2700K-E27-MP		
6 Watt 420 lumens 70 lumens/Watt 240 volts	Base E27 Porcelain Custom shape	CRI >95 2700K
EAN number: 5060400150229		
Bulb dimensions: Ø134 x L175mm		
Outer carton dimensions: L70 x W28 x H36cm		
Pcs/carton: 20		
Carton gross weight: 4.5KG		



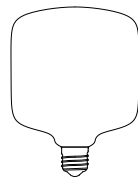
NOMA

Variations: NOMA-6W-2700K-E27-MP		
6 Watt 420 Lumens 70 Lumens/watt 240 volts	Base E27 Porcelain Custom shape	CRI >95 2700K
EAN number: 5060400150236		
Bulb Dimensions: Ø163 x L145mm		
Outer Carton dimensions: L70 x W28 x H34cm		
Pcs/carton: 20		
Carton gross Weight: 4.5KG		



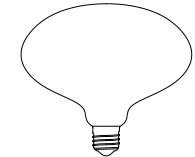
OBLO

Variations: OBLO-6W-2700K-E27-MP		
6 Watt 420 lumens 70 lumens/Watt 240 volts	Base E27 Porcelain Custom shape	CRI >95 2700K
EAN number: 50604001510212		
Bulb dimensions: Ø126 x L166mm		
Outer carton dimensions: L65 x W26 x H34cm		
Pcs/carton: 20		
Carton gross weight: 4.5KG		



OVAL

Variations: OVAL-6W-2700K-E27-MP		
6 Watt 420 lumens 70 lumens/Watt 240 volts	Base E27 Porcelain Custom shape	CRI >95 2700K
EAN number: 5060400150205		
Bulb dimensions: Ø163 x L145mm		
Outer carton dimensions: L85 x W34 x H30cm		
Pcs/carton: 20		
Carton gross weight: 4.5KG		



PORCELAIN I

Variations: PORC-I-3W-2700K-E12-MP		
3 Watt 150 lumens 50 lumens/Watt 240 volts	Base E14 Tinted Shape G45	CRI >95 2700K
EAN number: 5060400150175		
Bulb dimensions: Ø45 x L80mm		
Outer carton dimensions: L52 x W28 x H20cm		
Pcs/carton: 100		
Carton gross weight: 3.2KG		



PORCELAIN II

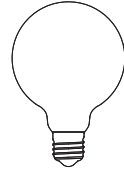
Variations: PORC-II-6W-2700K-E27-MP		
6 Watt 420 lumens 70 lumens/Watt 240 volts	Base E27 Porcelain Shape G80	CRI >95 2700K
EAN number: 5060400150182		
Bulb dimensions: Ø80 x L140mm		
Outer carton dimensions: L46 x W46 x H30cm		
Pcs/carton: 50		
Carton gross weight: 6.1KG		



PORCELAIN III

Variations: PORC-III-6W-2700K-E27-MP

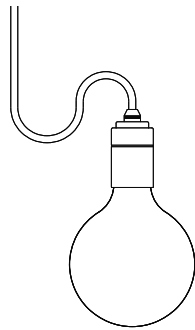
6 Watt 420 lumens 70 lumens/Watt 240 volts	Base E27 Porcelain Shape G125	CRI >95 2700K
EAN number: 5060400150199		
Bulb dimensions: Ø125 x L175mm		
Outer carton dimensions: L68 x W28 x H42cm		
Pcs/carton: 20		
Carton gross weight: 4.3KG		



BRASS PENDANT

Variations: BRAS-PD-01

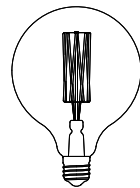
240 volts Max 60 Watt Luminaire Class II	Base E27 3m cord
EAN number: 50604001578	
Materials: Brass	
Lamp holder dimensions: W40 x H65mm	
Ceiling rose dimensions: W80 x H25mm	
Outer carton dimensions: L38 x W38 x H21cm	
Pcs/carton: 9	
Carton gross weight: 5.8KG	



GAIA

Variations: GAIA-6W-2200K-E27-T

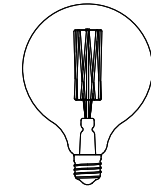
6 Watt 480 lumens 80 lumens/Watt 240 volts	Base E27 Tinted Shape G125	CRI >95 2200K
EAN number: 5060400151110		
Bulb dimensions: Ø125 x L175mm		
Outer carton dimensions: L68 x W28 x H42cm		
Pcs/carton: 20		
Carton gross weight: 4.3KG		



MINERVA

Variations: MINV-6W-2200K-E27-T

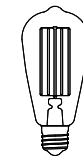
6 Watt 360 lumens 60 lumens/Watt 240 volts	Base E27 Silver smoked Shape G125	CRI >95 2200K
EAN number: 5060400151479		
Bulb dimensions: Ø125 x L175mm		
Outer carton dimensions: L68 x W28 x H42cm		
Pcs/carton: 20		
Carton gross weight: 4.3KG		



SQUIRREL CAGE

Variations: SQCG-3W-2200K-E27-T

3 Watt 240 lumens 80 lumens/Watt 240 volts	Base E27 Tinted Shape ST64	CRI >95 2200K
EAN number: 5060400151011		
Bulb dimensions: Ø64 x L140mm		
Outer carton dimensions: L73 x W37 x H33cm		
Pcs/carton: 100		
Carton gross weight: 8.2KG		



ELVA

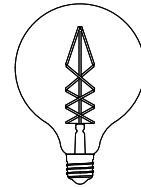
Variations: ELVA-6W-2200K-E27-T | ELVA-6W-2200K-E27-NT

3 Watt 120 lumens 40 lumens/Watt 240 volts	Base E27 Tinted / clear Shape G95	CRI >95 2200K
EAN number: 5060400151073/59		
Bulb dimensions: Ø95 x L140mm		
Outer carton dimensions: L54 x W54 x H32cm		
Pcs/carton: 50		
Carton gross weight: 6.1 KG		



ARIES

Variations: ARES-6W-2200K-E27-NT		
6 Watt 480 lumens 80 lumens/Watt 240 volts	Base E27 Clear Shape G125	CRI >95 2200K
EAN number: 5060400151097		
Bulb dimensions: Ø125 x L175mm		
Outer carton dimensions: L68 x W28 x H42cm		
Pcs/carton: 20		
Carton gross weight: 4.3 KG		



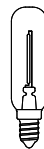
UNUM

Variations: UNUM-3W-2500K-E27-NT		
3 Watt 200 lumens 80 lumens/Watt 240 volts	Base E27 Clear Shape G125	CRI >95 2500K
EAN number: 5060400151882		
Bulb dimensions: Ø125 x L175mm		
Outer carton dimensions: L68 x W28 x H42cm		
Pcs/carton: 20		
Carton gross weight: 4.3KG		



TOTEM I

Variations: TOTM-I-3W-2200K-E14-T		
3 Watt 180 lumens 60 lumens/Watt 240 volts	Base E14 Tinted Shape T25	CRI >95 2200K
EAN number: 5060400151189		
Bulb dimensions: Ø20 x L95mm		
Outer carton dimensions: L39 x W39 x H22cm		
Pcs/carton: 200		
Carton gross weight: 2.1KG		



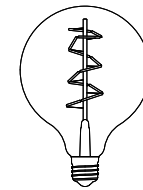
TOTEM III

Variations: TOTM-III-4W-2200K-E27-300-T		
4 Watt 320 lumens 80 lumens/Watt 240 volts	Base E27 Tinted Shape T30	CRI >95 2200K
EAN number: 5060400151165		
Bulb dimensions: Ø30 x L300mm		
Outer carton dimensions: L38 x W38 x H27cm		
Pcs/carton: 100		
Carton gross weight: 10.3 KG		



ZION

Variations: ZION-6W-2200K-E27-T		
6 Watt 480 lumens 80 lumens/Watt 240 volts	Base E27 Tinted Shape G125	CRI >95 2200K
EAN number: 5060400151141		
Bulb dimensions: Ø125 x L175mm		
Outer carton dimensions: L68 x W28 x H42cm		
Pcs/carton: 20		
Carton gross weight: 4.3 KG		



CANDLE

Variations: CAND-4W-2500K-E14-NT

4 Watt 320 lumens 80 lumens/Watt 240 volts	Base E14 Clear Shape C35	CRI >95 2500K
EAN number: 5060400150939		
Bulb dimensions: Ø35 x L100mm		
Outer carton dimensions: L41 x W22 x H21cm		
Pcs/carton: 100		
Carton gross weight: 3.1KG		



CROWN

Variations: CRWN-3W-2500K-E27-NT

3 Watt 300 lumens 100 lumens/Watt 240 volts	Base E27 Clear Shape A60	CRI >95 2500K
EAN number: 5060400150977		
Bulb dimensions: Ø60 x L108mm		
Outer carton dimensions: L68 x W36 x H28cm		
Pcs/carton: 100		
Carton gross weight: 6.5KG		



GLOBE

Variations: GLOB-6W-2500K-E27-NT

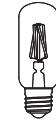
6 Watt 480 lumens 80 lumens/Watt 240 volts	Base E27 Clear Shape A60	CRI >95 2500K
EAN number: 5060400150991		
Bulb dimensions: Ø60 x L108mm		
Outer carton dimensions: L68 x W36 x H28cm		
Pcs/carton: 100		
Carton gross weight: 6.5KG		



LURRA

Variations: LURA-3W-2200K-E27-T

3 Watt 240 lumens 80 lumens/Watt 240 volts	Base E27 Tinted Shape T38	CRI >95 2200K
EAN number: 5060400150960		
Bulb dimensions: Ø38 x L108mm		
Outer carton dimensions: L48 x W25 x H25cm		
Pcs/carton: 100		
Carton gross weight: 3.5KG		



PLUTO

Variations: PLUT-3W-2200K-E14-T | PLUT-3W-2500K-E14-NT

3 Watt 240 lumens 80 lumens/Watt 240 volts	Base E14 Tinted/ clear Shape G45	CRI >95 2200/2500K
EAN number: 5060400151486 / 0953		
Bulb dimensions: Ø45 x L80mm		
Outer carton dimensions: L52x W28 x H20cm		
Pcs/carton: 100		
Carton gross weight: 3.2KG		



PYGMY

Variations: PYGM-2W-2200K-E14-T

2 Watt 120 lumens 60 lumens/Watt 240 volts	Base E14 Tinted Pygmy	CRI >95 2200K
EAN number: 5060400151196		
Bulb dimensions: Ø28 x L65mm		
Outer carton dimensions: L35 x W35 x H18cm		
Pcs/carton: 200		
Carton gross weight: 2.4 KG		



FAQ

Are they only dimmable with trailing edge dimmers?

Our bulbs can be dimmed with both trailing and leading edge dimmers. We do recommend, however, that you use trailing edge dimmers as they dim much better with our products.

Do each of the products have the same components between them?

Do they dim the same?

All our bulbs use the same electronics. There can be a difference in dimming if the bulb wattage is too low for the dimmer to recognise. For example, a single 6W Gaia may dim smoothly whereas a single 1W Totem may not. This is why it is important to pair our bulbs with the correct dimmer.

Do you have a dimming compatibility list?

Yes, we do. Please see page 9 of this document.

Are your lamps suitable for use with DMX, Dali and with 1-10V digital dimmer controls?

Our bulbs require a 240V (in the EU) and 110V (in the US) supply. To control our bulbs you will need a dimmer that accepts a DMX, Dali or 1-10V control signal. There are a number of dimmers designed for this purpose. For further advice please call our engineering team on +44 20 3026 3246.

What is the maximum number of bulbs you can dim on one dimmer?

This varies with bulb and dimmer type. We have a lot of experience dimming 50 or more bulbs at exhibitions and in restaurants and hotels. If you email your specific requirements to customerservice@talaled.com, we will be happy to work out your perfect dimmer choice.

Can I use these bulbs in the US/Canada?

Bulbs purchased in the EU (240V) cannot be used in the US. However, we manufacture and have stock of 110V, UL-rated product in the US. Please email sales@talaled.com if you have any queries regarding this.

What are your minimum order quantities?

Bulbs come in standard pack sizes of 10 units apart from the Voronoi I (which comes in a pack of 6) and the Voronoi II (which comes in a pack size of 4). All fixtures come in pack sizes of 9 units. These pack sizes form our MOQs.

Do all of your products come with barcodes?

Yes, all products come using EAN barcodes (GTIN-13).

Do you have an Excel file of all shipping weights and dimensions - inners/outers and imperial/metric?

Yes we do. Please call the office (+44 20 3026 3246) or email ops@talaled.com.

Do you have readily available stock and what are your lead times?

Tala has 4 warehouses - UK, Germany, West Coast USA and East Coast USA. We have readily available stock with an average dispatch time of 24-48 hours.

I have a project that requires a specific product that is not in the technical catalogue. Can you manufacture this for me?

Tala has a flexible supply chain. We can design and bring products to market very quickly. Please contact sales@talaled.com for consultation.

Are your products LM79 and LM80 tested?

Yes. Please contact ops@talaled.com for more information.

Can we use your bulbs outside?

Our bulbs are IP54 rated, which means they are protected from limited dust ingress and water spray from any direction. They work outdoors under the described environment with fixtures of the same or higher IP rating.

Don't see your question answered here?

Email us at customerservice@talaled.com.

DESIGN COLLECTION

PRODUCT NAME	PRODUCT CODE	VOLTAGE	WATTS	CRI	BASE	DIMMABLE	LUMENS	LUMENS/ WATT
Basalt I	BSALT-I-6W-2700K-E27-SB	240	6	>95	E27	Trailing edge	300	50
Basalt II	BSALT-II-6W-2700K-E27-SB	240	6	>95	E27	Trailing edge	300	50
Voronoï I	VORN-I-2W-2200K-E27-T	240	2	>95	E27	Trailing edge	80	40
Voronoï II	VORN-II-3W-2200K-E27-T	240	3	>95	E27	Trailing edge	120	40

WATT REPLACEMENT	COLOUR TEMPERATURE	GLASS	BULB SHAPE	BULB DIMENSIONS (Ø/W x L MM)	POWER FACTOR	IP	BEAM ANGLE
N/A	Warm White/ 2700k	Sand blasted	Custom	57 x 215	0.9	IP54	360
N/A	Warm White/ 2700k	Sand blasted	Custom	57 x 273	0.9	IP54	360
N/A	Warm Tinted/ 2200k	Tinted	Custom	125 x 175	0.9	IP54	360
N/A	Warm Tinted/ 2200k	Tinted	Custom	165 x 300	0.9	IP54	360

PRODUCT NAME	PRODUCT CODE	VOLTAGE	MAX WATTAGE	LUMINAIRE	BASE	HRTZ
Basalt Pendant I	BSALT-P1	240	60	Class II	E27	50HZ
Basalt Pendant II	BSALT-P2	240	60	Class II	E27	50HZ
Walnut Knuckle Pendant	WALT-KP-01	240	60	Class II	E27	50HZ
Oak Knuckle Pendant	OAK-KP-01	240	60	Class II	E27	50HZ

LAMP HOLDER MATERIAL	LAMP HOLDER DIAMETERS (MM)	CEILING ROSE MATERIAL	CEILING ROSE DIMENSIONS (MM)	CABLE MATERIAL	CABLE LENGTH
Brass	54 x 74	Metal	80 x 25	Black fabric covered silicon	3 metres
Brass	57 x 74	Metal	80 x 25	Black fabric covered silicon	3 metres
Walnut - Brass	40 x 65	Metal	80 x 25	Black fabric covered silicon	3 metres
Oak - Brass	40 x 65	Metal	80 x 25	Black fabric covered silicon	3 metres

PRODUCT NAME	PRODUCT CODE	VOLTAGE	MAX WATTAGE	LUMINAIRE	BASE
Basalt Touch Lamp	BSALT-TL-UK	240	60	Class II	E27
Basalt Touch Lamp	BSALT-TL-EU	240	60	Class II	E27
Walnut Touch Lamp	WALT-TL-01-UK	240	60	Class II	E27
Walnut Touch Lamp	WALT-TL-01-EU	240	60	Class II	E27
Oak Touch Lamp	OAK-TL-01-UK	240	60	Class II	E27
Oak Touch Lamp	OAK-TL-01-EU	240	60	Class II	E27

HRTZ	DIMMING	LAMP HOLDER MATERIAL	LAMP HOLDER DIMENSIONS (MM)	CABLE MATERIAL	PLUG TYPE
50HZ	3-step/ trailing edge	Brass	87 x 141	Black fabric covered silicon	UK
50HZ	3-step/ trailing edge	Brass	87 x 141	Black fabric covered silicon	EU Type C
50HZ	3-step/ trailing edge	Walnut - Brass	85 x 135	Black fabric covered silicon	UK
50HZ	3-step/ trailing edge	Walnut - Brass	85 x 135	Black fabric covered silicon	EU Type C
50HZ	3-step/ trailing edge	Oak - Brass	85 x 135	Black fabric covered silicon	UK
50HZ	3-step/ trailing edge	Oak - Brass	85 x 135	Black fabric covered silicon	EU Type C

FEATURE COLLECTION

PRODUCT NAME	PRODUCT CODE	VOLTAGE	WATTS	CRI	BASE	DIMMABLE	LUMENS	LUMENS/ WATT
Enno	ENNO-6W-2700K-E27-MP	240	6	>95	E27	Trailing Edge	420	70
Noma	NOMA-6W-2700K-E27-MP	240	6	>95	E27	Trailing Edge	420	70
Oblo	OBLO-6W-2700K-E27-MP	240	6	>95	E27	Trailing Edge	420	70
Oval	OVAL-6W-2700K-E27-MP	240	6	>95	E27	Trailing Edge	420	70
Porcelain I	PORC-I-3W-2700K-E14-MP	240	3	>95	E14	Trailing Edge	150	50
Porcelain II	PORC-II-6W-2700K-E27-MP	240	6	>95	E27	Trailing Edge	420	70
Porcelain III	PORC-III-6W-2700K-E27-MP	240	6	>95	E27	Trailing Edge	420	70
Gaia	GAIA-6W-2200K-E27-T	240	6	>95	E27	Trailing Edge	480	80
Minerva	MINV-6W-2200K-E27-T	240	6	>95	E27	Trailing Edge	360	60
Squirrel Cage	SQCG-3W-2200K-E27-T	240	3	>95	E27	Trailing Edge	240	80
Elva	ELVA-6W-2200K-E27-T	240	6	>95	E27	Trailing Edge	480	80
Elva	ELVA-6W-2200K-E27-NT	240	6	>95	E27	Trailing Edge	480	80
Aries	ARES-6W-2200K-E27-NT	240	6	>95	E27	Trailing Edge	480	80
Unum	UNUM-3W-2500K-E27-NT	240	3	>95	E27	Trailing Edge	200	66
Totem I	TOTM-I-3W-2200W-E14-T	240	3	>95	E27	Trailing Edge	180	60
Totem III	TOTM-III-3W-2200W-E27-300-T	240	4	>95	E27	Trailing Edge	320	80
Zion	ZION-6W-2200K-E27-NT	240	6	>95	E27	Trailing Edge	480	80

PRODUCT NAME	PRODUCT CODE	VOLTAGE	MAX WATTAGE	LUMINAIRE	BASE	HRTZ
Brass Pendant	BRAS-PD-01	240	60	Class II	E27	50HZ

WATT REPLACEMENT	COLOUR TEMPERATURE	GLASS	BULB SHAPE	BULB DIMENSIONS (Ø x L MM)	POWER FACTOR	IP	BEAM ANGLE
N/A	Matt White/ 2700k	Porcelain	Custom	134 x 175	0.9	IP54	360
N/A	Matt White/ 2700k	Porcelain	Custom	163 x 145	0.9	IP54	360
N/A	Matt White/ 2700k	Porcelain	Custom	126 x 166	0.9	IP54	360
N/A	Matt White/ 2700k	Porcelain	Custom	163 x 145	0.9	IP54	360
N/A	Matt White/ 2700k	Porcelain	G45	45 x 80	0.9	IP54	360
N/A	Matt White/ 2700k	Porcelain	G80	80 x 140	0.9	IP54	360
N/A	Matt White/ 2700k	Porcelain	G125	125 x 175	0.9	IP54	360
45	Warm Tinted/ 2200k	Tinted	G125	125 x 175	0.9	IP54	360
45	Warm White/ 2200k	Silver Smoked	G125	125 x 175	0.9	IP54	360
25	Warm Tinted/ 2200k	Tinted	ST64	64 x 140	0.9	IP54	360
45	Warm Tinted/ 2200k	Tinted	G95	95 x 140	0.9	IP54	360
45	Warm White/ 2200k	Clear	G95	95 x 140	0.9	IP54	360
45	Warm White/ 2200k	Clear	G125	125 x 175	0.9	IP54	360
25	Warm White/ 2200k	Clear	G125	125 x 175	0.9	IP54	360
15	Warm Tinted/ 2200k	Tinted	T25	20 x 95	0.9	IP54	360
35	Warm Tinted/ 2200k	Tinted	T30	30 x 300	0.9	IP54	360
45	Warm Tinted/ 2200k	Tinted	G125	125 x 175	0.9	IP54	360

LAMP HOLDER MATERIAL	LAMP HOLDER DIMENSIONS (MM)	CEILING ROSE MATERIAL	CEILING ROSE DIMENSIONS (MM)	CABLE MATERIAL	CABLE LENGTH
Brass	40 x 65	Metal	80 x 25	Black fabric covered silicone	3 metres

CLASSIC COLLECTION

PRODUCT NAME	PRODUCT CODE	VOLTAGE	WATTS	CRI	BASE	DIMMABLE	LUMENS	LUMENS/ WATT
Candle	CAND-4W-2500K-E14-NT	240	4	>95	E14	Trailing edge	320	80
Crown	CRWN-3W-2500K-E27-NT	240	3	>95	E27	Trailing edge	300	100
Globe	GLOB-6W-2500K-E27-NT	240	6	>95	E27	Trailing edge	480	80
Lurra	LURA-3W-2200K-E27-T	240	3	>95	E27	Trailing edge	240	80
Pluto	PLUT-3W-2200K-E14-NT	240	3	>95	E14	Trailing edge	240	80
Pluto	PLUT-3W-2200K-E14-T	240	3	>95	E14	Trailing edge	240	80
Pygmy	PYGM-2W-2200K-E14-T	240	2	>95	E14	Trailing edge	120	60

WATT REPLACEMENT	COLOUR TEMPERATURE	GLASS	BULB SHAPE	BULB DIMENSIONS (MM)	POWER FACTOR	IP	BEAM ANGLE
35	Warm White/ 2200k	Clear	C35	35 x 100	0.9	IP54	360
35	Warm White/ 2200k	Clear	A60	60 x 108	0.9	IP54	360
45	Warm White/ 2500k	Clear	A60	60 x 108	0.9	IP54	360
25	Warm Tinted/ 2200k	Tinted	T38	38 x 108	0.9	IP54	360
25	Warm White/ 2500k	Clear	G45	45 x 80	0.9	IP54	360
25	Warm Tinted/ 2200k	Tinted	G45	45 x 80	0.9	IP54	360
12	Warm Tinted/ 2200k	Tinted	C35	28 x 65	0.9	IP54	360



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