

# Kosnic



ISSUE 2

# 2013

Product Catalogue



Littlecote House Hotel



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# Introduction

# 2013

## An Amazing Year in Light



We want to take this opportunity to sincerely thank all our loyal trade customers who have evolved alongside Kosnic for the last eight years. During these years, we have used your feedback to continually refine our products and manufacture a vast range of lamps that deliver benefits across commercial & domestic applications.

We were also one of the first manufacturers to recognise the importance of LED lamps – and offered our inaugural LED lamp products for resale back in 2004. LED is as disruptive a technology as the incandescent bulb and we believe that LEDs are now on the verge of being accepted as the mainstream lighting technology.

To drive this market transformation, we established the Kosnic Technology Centre (KTC) in 2010. Located in Shanghai, the KTC consist of many talented engineers who focus on three core technologies vital to the creation of outstanding LED products – namely, dimming, emergency, and microwave motion sensor. The results of this expertise can be seen in this year's catalogue: including the HaloLED GU10 Spotlight, dimmable LED candles, IP65 LED Bulkhead with integral corridor function, and emergency modules for our LED panel, down light and bulkheads.

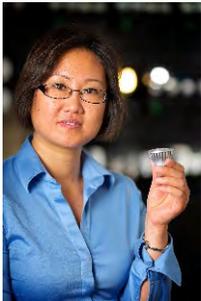
With these exiting new product developments, we believe we can offer a range of products that will accelerate your sales and are designed explicitly with you and your customers in mind – 2013 will be an exciting year!

With best wishes from,

WenTao Kuang & Ying Hu  
Company Directors of Kosnic



**Dr. WenTao Kuang**  
Managing Director  
(Product & Technology, Manufacturing, Logistics, OEM & Overseas)  
  
PhD in Robotics at Sheffield University  
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**Ms. Ying Hu**  
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Management role at Korean AIR and SINOPEC

## New KTC LED Products



HaloLED

KTC-Candle

Sensor LED DD

LED Track Light

LED Bulk Head

LED Fire Rated Down Light

# Investing to Serve You Better...



Year-on-year Kosnic enjoys consistent, strong growth. In a market where many new entrants arrive and fail, our permanence gives us a unique platform from which to invest in services that serve our trade customers better.

These include:

**A trebling of our warehouse size during 2012.** We hold a huge stock so that orders can be despatched same day. You customers won't need to wait with Kosnic.

**A responsive sales team.** We're known for our friendliness and the fact that we aim to give all our trade customers a personal, engaging service.

**Unrivalled knowledge.** When you need extra product information or advice on fitting, our technical support staff, online knowledgebase, and YouTube seminars will get you (and your customers) going.

## New for 2013 – Project Support

We are helping our wholesalers and distributors build their lighting business still further, by offering complimentary support from our new project team.

**Contact us, or see the back page, for further information about:**

- Site surveys and detailed calculations of energy and cost savings.
- Advice on lighting schemes, including product selection.
- Advice on regulatory compliance.

# Manufacturing *the Latest LED Technology*



Kosnic is at the heart of the revolution in low energy and LED technology. One of the most established global manufacturers, we produce lamps and related products that are readily sold by our distribution partners in to markets worldwide.

Our philosophy is simple: affordable, innovative, robust lamps and luminaires that are designed to perform in to their target setting. Once installed, your customers will appreciate the ambience, efficiency, cost-saving and environmental benefits of Kosnic lamps.

Our continually expanding portfolio of products offers more than 700 items. You can experience Kosnic lamps brightening offices, retail premises, hotels and hospitals around the globe.

## Research Excellence

Established early in 2011, The Kosnic Technology Centre (KTC) is our pure research facility dedicated to realising the potential of LED technology.

Here, engineers with extensive experience in lighting design, electronics, heat management and manufacturing processes collaborate on the development of LED lamps and supporting products.

You will find the KTC logo on our most innovative lamps such as the LED DD, dimmable HALO COB range and new panels and downlighters.



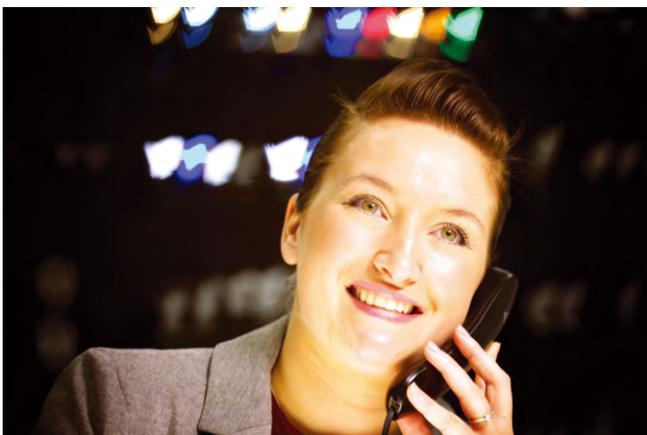
## Real World Knowledge

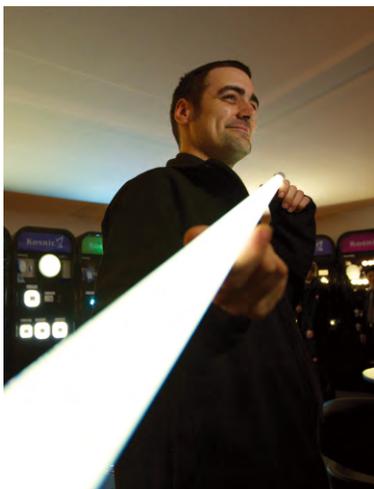
We also have the edge when it comes to understanding what project managers and electricians demand from their lamps in real-world settings - for example, a DD replacement that can be retrofit in under five minutes.

We also know that trade users don't just want lamps – they require additional modular components such as microwave sensors and emergency packs to get the job done.

## In Control

End-to-end control of the research, design, manufacture and testing process delivers unrivalled benefits to our distributors and partners. We believe that only a holistic operation like ours is capable of realising the outstanding LED products that will meet customer expectation and stand the test of time.



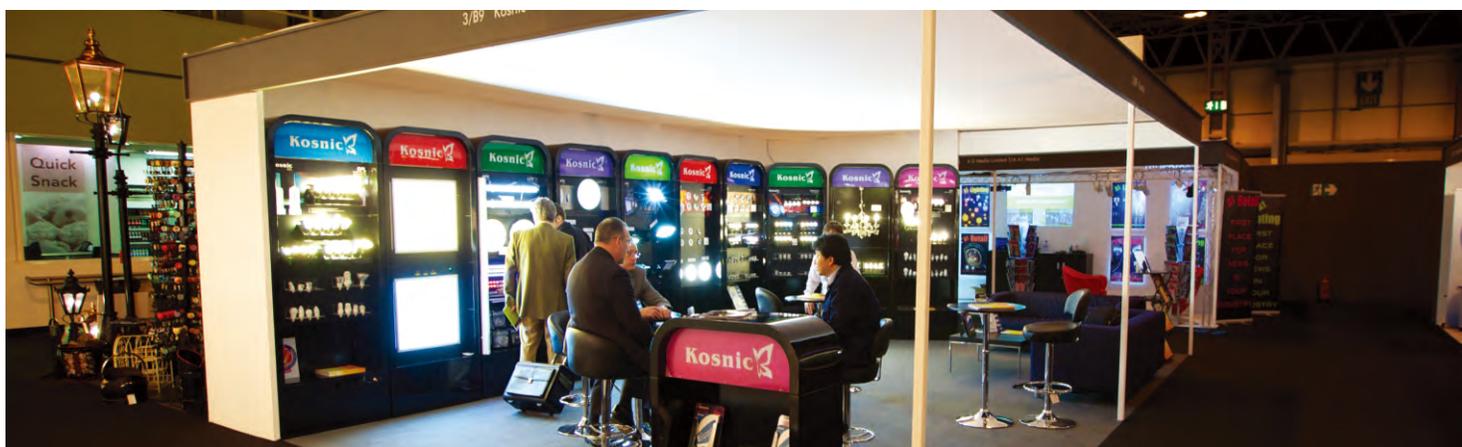
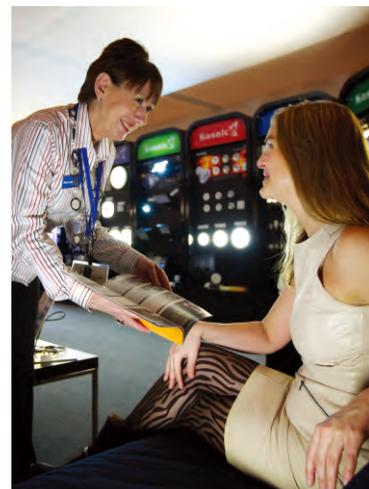


## The Year Ahead...

This will be a busy year. Starting with Interiors in January at the NEC, Kosnic is exhibiting up and down the country.

Kosnic will be present at every ELEX Show during 2013 - demonstrating our commitment to giving our local customers the opportunity to learn more about our products and meet the Kosnic team. We are also engaging in specialised events where our products meet the needs of retail, hospitality or FM sectors.

Our show season will culminate in a spectacular stand at Lux Live 2013. Look out for more new market-changing LED products from our KTC laboratory.



## Two Saints

At Kosnic we believe that Light and Life are closely linked. Our Light for Life programme is a charitable endeavour that donates LED lamps to hostels for homeless people run by Two Saints and offers work placements and training to break the cycle of homelessness, poverty, and exclusion.

By reducing energy costs, we are helping Two Saints to manage their operating overheads and empower even more homeless people to transform their lives.

[www.twosaints.org.uk](http://www.twosaints.org.uk)



## Kosnic Supports Lighting Design Awards 2013

Now in their 11th year, the Lighting Design Awards command the respect of the lighting community and are recognised as the pre-eminent architectural lighting competition in the lighting calendar.

Kosnic is very pleased to be supporting this year's awards - underlining our key role in the lighting supply chain. The Lighting Design Awards will take place on Wednesday 27 March at the London Hilton Park Lane Hotel. Over 700 of the industry's top names will gather to watch winners pick up one of the most coveted award in our industry.





*LED.PowerSpot*

*HaloLED*

## HALOLEDs deliver ambience at Littlecote House Hotel

There can't be many hotels with a history that spans literally thousands of years but Littlecote House, part of the Warner Group of Hotels, has played host to occupying Romans, a Tudor tryst, a Civil War army and, now, a fabulous Vegas-style ballroom.

It is in this environment that Dean Lavisher, maintenance manager, constantly strives to implement a capital investment programme that delivers both an indulgent ambience for guests and Warner Group's forward-thinking sustainability goals.

His solution is to adopt and evaluate new technologies carefully, ensuring that they can demonstrate the required cost savings and performance benefits, before implementing on a wider scale. Kosnic's HaloLED lamps are part of this best-practice strategy and – having proved their benefits – have now been implemented in Littlecote House's bar and newly refurbished Vegas-style late lounge.

"Kosnic LED lamps are giving us the ambience and the performance we demand – all at a fair price," says Mr Lavisher. "Before, you used to walk in the room and you could instantly tell it was lit by LEDs, now our guests can't tell the difference."





Product Developed By  
**KTC**  
 Kosnic  
 Technology  
 Centre

## HaloLED

Flagship products from the KTC (Kosnic Technology Centre), the new HaloLEDs from Kosnic are uncompromising retrofits for halogen GU10 lamps. The unique LED lens and COB (Chip on Board) deliver the same ambience as the halogen, while allowing the client to significantly reduce their lighting energy costs.

Fully dimmable, the HaloLED 7 Watt is perfect for hospitality settings where atmosphere and mood need to be varied according to the activity and time of day. Also available in a 6 Watt GU10 with a high light output of 400 Lumen.

- Fast Retrofit to achieve energy savings of up to 90%.
- Short payback period.
- High CRI over 80RA.
- Long lamp lives of 35,000 Hours.
- Ideal for hospitality applications, especially restaurants, bars, and hotel rooms.

# 7w

EQU. To **60w**

SAVE up to **£185.5\***

Dimmable LED

75mm

NEW

7W		35000h
Rated Watt (W)	7	CRI >80
Equ. Watt (W)	60	Ambient Temp.(°C) -20~40
Rated Voltage (V)	220-240	Case Temp.(°C) Max.70
Line Frequency (Hz)	50-60	Peak Candelas(cd)
No. of LEDs	1	36° 850(2700K)/870(4000K)/920(6500K)
Lamp Base	GU10	Order Code
Beam Angle(°)	36	KCOB07DIM/GU10-S27 KCOB07DIM/GU10-S40 KCOB07DIM/GU10-S65
Colour Temp.(K)	2700/4000/6500	This dimmable lamp is compatible with many dimmer switches but dimming effect may vary depending on the loading and the type of dimmer switch. For the latest list of compatible dimmer switches please contact us.
Lumen(lm)	450(2700K)/460(4000K)/480(6500K)	

# 6w

EQU. To **50w**

SAVE up to **£154\***

Dimmable LED

55mm

NEW

6W		35000h
Rated Watt (W)	6	CRI >80
Equ. Watt (W)	50	Ambient Temp.(°C) -20~40
Rated Voltage (V)	220-240	Case Temp.(°C) Max.70
Line Frequency (Hz)	50-60	Peak Candelas(cd)
No. of LEDs	1	36° 720(2700K)/740(4000K)/780(6500K)
Lamp Base	GU10	Order Code
Beam Angle(°)	36	KTC06COB/GU10-S27 KTC06COB/GU10-S40 KTC06COB/GU10-S65
Colour Temp.(K)	2700/4000/6500K	
Lumen(lm)	400(2700K)/420(4000K)/450(6500K)	

# 5w

EQU. To **45w**

SAVE up to **£120\***

Dimmable LED

71mm

NEW

5W		30000h
Rated Watt (W)	5	CRI >80
Equ. Watt (W)	45	Ambient Temp.(°C) -20~40
Rated Voltage (V)	220-240	Case Temp.(°C) Max.70
Line Frequency (Hz)	50-60	Peak Candelas(cd)
No. of LEDs	1	36° 650(2700K)/680(4000K)
Lamp Base	GU10	Order Code
Beam Angle(°)	36	KCOB05DIM/GU10-S27 KCOB05DIM/GU10-S40
Colour Temp.(K)	2700/4000	This dimmable lamp is compatible with many dimmer switches but dimming effect may vary depending on the loading and the type of dimmer switch. For the latest list of compatible dimmer switches please contact us.
Lumen(lm)	280(2700K)/300(4000K)	

\*Average saving on electricity cost over the life time of the lamp based on £0.1 (€0.12) per unit (KWh).



**LED.PowerSpot**

**KTC-Pro**

## The latest LED technology can improve in-store design and save money

A long established retailer of designer clothing for men and women, Triads has a reputation for creating striking retail interiors that attract customers and display luxury merchandise to its best advantage.

The stores offer a lifestyle-influenced collection of clothing from brands such as Moncler, Vivienne Westwood, Stussy and Barbour.

"Lighting is a key consumer of energy in our retail stores," explains Colin Donaldson, founder and director of Triads, "In 2012 we started a project to look at how we might reduce our energy costs, simplify lamp maintenance and enhance the impact of our contemporary retail space even further."

Kosnic KTC GU10 lamps were selected on the basis of their energy-efficient design and ability to provide an outstanding retail ambience.

In addition to significant cost savings, the lighting has further enhanced the retail space by providing a well-judged combination of light output and colour rendition. For clothes shoppers this means that high fashion garments are displayed in an excellent light – enabling customers to make better choices about the true shade of their purchases.



## KTC-PRO

Suitable for the most demanding of professional users, Kosnic's KTC Pro Range offers MR16 lamps that deliver huge energy savings without compromising on brightness.

The lamps can be quickly retrofit and there is broad compatibility with legacy dimming systems. Once in place, minimal maintenance is required and rapid payback is achieved.

Consumers have suffered with poor compatibility of LED lamps with halogen transformers, causing lamps to flicker or fail to start. Not any more... our KTC G5.3 lamp works with most halogen transformers as well as LED drivers.

- Retrofit size ( 3.5W/4.5W/6W).
- Dimmable with many existing dimmer switches.
- KTC Pro G5.3 lamps are compatible with many halogen transformers.
- High Lumen output up to 480 Lumen (8W).
- A long life of 35,000 hours.



# 8w

EQU. To **60W**    SAVE up to **£182\***

8W		35000h	
Rated Watt (W)	8	CRI	> 80 <sub>(3000K)</sub> / > 70 <sub>(4000K)</sub> / > 70 <sub>(6500K)</sub>
Equ. Watt (W)	60	Ambient Temp.(°C)	-20~40
Rated Voltage (V)	220-240	Case Temp.(°C)	Max.70
Line Frequency (Hz)	50-60	Peak Candelas(cd)	36° 780 <sub>(3000K)</sub> /820 <sub>(4000K)</sub> /900 <sub>(6500K)</sub>
No. of LEDs	5	Order Code	KTC08DIM/GU10-S30    KTC08PWR/GU10-S30 KTC08DIM/GU10-S40    KTC08PWR/GU10-S40 KTC08DIM/GU10-S65    KTC08PWR/GU10-S65
Lamp Base	GU10	This dimmable lamp is compatible with many dimmer switches but dimming effect may vary depending on the loading and the type of dimmer switch. For the latest list of compatible dimmer switches please contact us.	
Beam Angle(°)	36		
Colour Temp.(K)	3000/4000/6500		
Lumen(lm)	400 <sub>(3000K)</sub> /420 <sub>(4000K)</sub> /480 <sub>(6500K)</sub>		

# 6w

EQU. To **45W**    SAVE up to **£137\***

6W		35000h	
Rated Watt (W)	6	Case Temp.(°C)	Max.70
Equ. Watt (W)	45	Peak Candelas(cd)	45° 600 <sub>(3000K)</sub> /615 <sub>(4000K)</sub> /650 <sub>(6500K)</sub> 60° 300 <sub>(3000K)</sub> /315 <sub>(4000K)</sub> /350 <sub>(6500K)</sub>
Rated Voltage (V)	220-240(GU10)/12(G5.3)	Order Code	KTC06DIM/GU10-S30    KTC06PWR/GU10-S30 KTC06DIM/GU10-S40    KTC06PWR/GU10-S40 KTC06DIM/GU10-S65    KTC06PWR/GU10-S65
Line Frequency (Hz)	50-60(GU10)	This dimmable lamp is compatible with many dimmer switches but dimming effect may vary depending on the loading and the type of dimmer switch. For the latest list of compatible dimmer switches please contact us.	
No. of LEDs	4	The lamps can be used with most 12V AC electronic transformers for LV-Halogen lamps in the 20-60VA range but it is always recommend that lamps are tested with existing transformers before committing to an installation.	
Lamp Base	GU10/G5.3		
Beam Angle(°)	45/60		
Colour Temp.(K)	3000/4000/6500		
Lumen(lm)	310 <sub>(3000K)</sub> /320 <sub>(4000K)</sub> /330 <sub>(6500K)</sub>		
CRI	> 80		
Ambient Temp.(°C)	-20~40		

# 4.5w

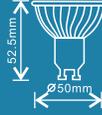
EQU. To **40W**    SAVE up to **£124\***

4.5W		35000h	
Rated Watt (W)	4.5	Case Temp.(°C)	Max.70
Equ. Watt (W)	40	Peak Candelas(cd)	45° 500 <sub>(3000K)</sub> /515 <sub>(4000K)</sub> /550 <sub>(6500K)</sub>
Rated Voltage (V)	220-240(GU10)/12(G5.3)	Order Code	KTC4.5DIM/GU10-S30    KTC4.5PWR/GU10-S30 KTC4.5DIM/GU10-S40    KTC4.5PWR/GU10-S40 KTC4.5DIM/GU10-S65    KTC4.5PWR/GU10-S65
Line Frequency (Hz)	50-60(GU10)	This dimmable lamp is compatible with many dimmer switches but dimming effect may vary depending on the loading and the type of dimmer switch. For the latest list of compatible dimmer switches please contact us.	
No. of LEDs	3	The lamps can be used with most 12V AC electronic transformers for LV-Halogen lamps in the 20-60VA range but it is always recommend that lamps are tested with existing transformers before committing to an installation.	
Lamp Base	GU10/G5.3		
Beam Angle(°)	45		
Colour Temp.(K)	3000/4000/6500		
Lumen(lm)	210 <sub>(3000K)</sub> /220 <sub>(4000K)</sub> /230 <sub>(6500K)</sub>		
CRI	> 80		
Ambient Temp.(°C)	-20~40		

\*Average saving on electricity cost over the life time of the lamp based on £0.1 (€0.12) per unit (KWh).

## 3.5w

EQU. TO 35 W  
SAVE up to £95\*



### 3.5W

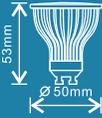
30000h

Rated Watt (W)	3.5	CRI	>80
Equ. Watt (W)	35	Ambient Temp.(°C)	-20~40
Rated Voltage (V)	220-240	Case Temp.(°C)	Max.70
Line Frequency (Hz)	50-60	Peak Candelas(cd)	
No. of LEDs	3	36°	260 <sub>(3000K)</sub> /275 <sub>(4000K)</sub> /300 <sub>(6500K)</sub>
Lamp Base	GU10	Order Code	
Beam Angle(°)	36		KTC3.5PWR/GU10-S30 KTC3.5PWR/GU10-S40 KTC3.5PWR/GU10-S65
Colour Temp.(K)	3000/4000/6500		
Lumen(lm)	200 <sub>(3000K)</sub> /215 <sub>(4000K)</sub> /240 <sub>(6500K)</sub>		

SMD

## 5w

EQU. TO 45 W  
SAVE up to £120\*



### 5W

30000h

Rated Watt (W)	5	CRI	>70
Equ. Watt (W)	45	Ambient Temp.(°C)	-20~40
Rated Voltage (V)	220-240	Case Temp.(°C)	Max.70
Line Frequency (Hz)	50-60	Peak Candelas(cd)	
No. of LEDs	12	45°	360 <sub>(3000K)</sub> /370 <sub>(4000K)</sub> /400 <sub>(6500K)</sub>
Lamp Base	GU10	80°	170 <sub>(3000K)</sub> /180 <sub>(4000K)</sub> /200 <sub>(6500K)</sub>
Beam Angle(°)	45/80	Order Code	
Colour Temp.(K)	3000/4000/6500		KTC05SMD/GU10-S30 KTC05SMD/GU10-W30 KTC05SMD/GU10-S40 KTC05SMD/GU10-W40 KTC05SMD/GU10-S65 KTC05SMD/GU10-W65
Lumen(lm)	280 <sub>(3000K)</sub> /295 <sub>(4000K)</sub> /320 <sub>(6500K)</sub>		

## 4w

EQU. TO 35 W  
SAVE up to £93\*



### 4W

30000h

Rated Watt (W)	4	CRI	>70
Equ. Watt (W)	35	Ambient Temp.(°C)	-20~40
Rated Voltage (V)	220-240	Case Temp.(°C)	Max.70
Line Frequency (Hz)	50-60	Peak Candelas(cd)	
No. of LEDs	9	45°	260 <sub>(3000K)</sub> /270 <sub>(4000K)</sub> /300 <sub>(6500K)</sub>
Lamp Base	GU10	80°	140 <sub>(3000K)</sub> /150 <sub>(4000K)</sub> /160 <sub>(6500K)</sub>
Beam Angle(°)	45/80	Order Code	
Colour Temp.(K)	3000/4000/6500		KTC04SMD/GU10-S30 KTC04SMD/GU10-W30 KTC04SMD/GU10-S40 KTC04SMD/GU10-W40 KTC04SMD/GU10-S65 KTC04SMD/GU10-W65
Lumen(lm)	220 <sub>(3000K)</sub> /230 <sub>(4000K)</sub> /250 <sub>(6500K)</sub>		

\*Average saving on electricity cost over the life time of the lamp based on £0.1 (€0.12) per unit (kWh).



## Display

A range of LED reflector lamps that provide maximum energy savings and which are direct replacements for common indoor halogen lamps. From the moment they are turned on, these lamps reduce energy costs, provide energy savings of up to 90% and help meet sustainability goals in hospitality, retail, commercial and large domestic settings. Includes GU10, G5.3, PAR, and AR111 lamps.

- Direct replacement of common halogen reflector lamps.
- Negligible UV content.
- Immediate energy savings of up to 90%.
- Long lamp life of 30,000 Hours.

GU10, G5.3

# 7w

EQU. To **60W**  
SAVE up to **£159\***

7W		30000h	
Rated Watt (W)	7	CRI	>70
Equ. Watt (W)	60	Ambient Temp.(°C)	-20~40
Rated Voltage (V)	220-240 <sub>(GU10)/12<sub>(G5.3)</sub></sub>	Case Temp.(°C)	Max.70
Line Frequency (Hz)	50-60 <sub>(GU10)</sub>	Peak Candelas(cd)	36° 650 <sub>(3000K)/665<sub>(4000K)/700<sub>(6500K)</sub></sub></sub>
No. of LEDs	5	Order Code	KLED07PWR/GU10-S30 KLED07PWR/G5.3-S30 KLED07PWR/GU10-S40 KLED07PWR/G5.3-S40 KLED07PWR/GU10-S65 KLED07PWR/G5.3-S65
Lamp Base	GU10/G5.3	G5.3 requires 12V DC constant voltage LED driver, not suitable for halogen transformers	
Beam Angle(°)	36		
Colour Temp.(K)	3000/4000/6500		
Lumen(lm)	360 <sub>(3000K)/370<sub>(4000K)/420<sub>(6500K)</sub></sub></sub>		

# 5w

EQU. To **50W**  
SAVE up to **£135\***

5W		30000h	
Rated Watt (W)	5	CRI	>70
Equ. Watt (W)	50	Ambient Temp.(°C)	-20~40
Rated Voltage (V)	220-240 <sub>(GU10)/12<sub>(G5.3)</sub></sub>	Case Temp.(°C)	Max.70
Line Frequency (Hz)	50-60 <sub>(GU10)</sub>	Peak Candelas(cd)	36° 580 <sub>(3000K)/590<sub>(4000K)/620<sub>(6500K)</sub></sub></sub>
No. of LEDs	4	Order Code	KLED05PWR/GU10-S30 KLED05PWR/G5.3-S30 KLED05PWR/GU10-S40 KLED05PWR/G5.3-S40 KLED05PWR/GU10-S65 KLED05PWR/G5.3-S65
Lamp Base	GU10/G5.3	G5.3 requires 12V DC constant voltage LED driver, not suitable for halogen transformers	
Beam Angle(°)	36		
Colour Temp.(K)	3000/4000/6500		
Lumen(lm)	300 <sub>(3000K)/320<sub>(4000K)/330<sub>(6500K)</sub></sub></sub>		

# 5w

EQU. To **42W**  
SAVE up to **£111\***

5W		30000h	
Rated Watt (W)	5	CRI	>70
Equ. Watt (W)	42	Ambient Temp.(°C)	-20~40
Rated Voltage (V)	220-240 <sub>(GU10)/12<sub>(G5.3)</sub></sub>	Case Temp.(°C)	Max.70
Line Frequency (Hz)	50-60 <sub>(GU10)</sub>	Peak Candelas(cd)	36° 480 <sub>(3000K)/490<sub>(4000K)/520<sub>(6500K)</sub></sub></sub>
No. of LEDs	3	Order Code	KLED05RTO/GU10-S30 KLED05RTO/G5.3-S30 KLED05RTO/GU10-S40 KLED05RTO/G5.3-S40 KLED05RTO/GU10-S65 KLED05RTO/G5.3-S65
Lamp Base	GU10/G5.3	G5.3 requires 12V DC constant voltage LED driver, not suitable for halogen transformers	
Beam Angle(°)	36		
Colour Temp.(K)	3000/4000/6500		
Lumen(lm)	220 <sub>(3000K)/240<sub>(4000K)/260<sub>(6500K)</sub></sub></sub>		

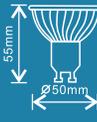
\*Average saving on electricity cost over the life time of the lamp based on £0.1 (€0.12) per unit (KWh).

## 4w

EQU. TO 35 W

SAVE up to £93\*





56mm  
∅50mm



50mm  
∅50mm

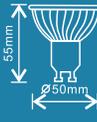
4W		30000h	
Rated Watt (W)	4	CRI	>80
Equ. Watt (W)	35	Ambient Temp.(°C)	-20~40
Rated Voltage (V)	220-240 <sub>(GU10)/12<sub>(G5.3)</sub></sub>	Case Temp.(°C)	Max. 70
Line Frequency (Hz)	50-60 <sub>(GU10)</sub>	Peak Candelas(cd)	36° 450 <sub>(3000K)/465<sub>(4000K)/500<sub>(6500K)</sub></sub></sub>
No. of LEDs	3	Order Code	KLED04PWR/GU10-S30 KLED04PWR/G5.3-S30 KLED04PWR/GU10-S40 KLED04PWR/G5.3-S40 KLED04PWR/GU10-S65 KLED04PWR/G5.3-S65
Lamp Base	GU10/G5.3	G5.3 requires 12V DC constant voltage LED driver, not suitable for halogen transformers	
Beam Angle(°)	36		
Colour Temp.(K)	3000/4000/6500		
Lumen(lm)	180 <sub>(3000K)/190<sub>(4000K)/210<sub>(6500K)</sub></sub></sub>		

## 3w

EQU. TO 20 W

SAVE up to £51\*





56mm  
∅50mm



50mm  
∅50mm

3W		30000h	
Rated Watt (W)	3	CRI	> 70
Equ. Watt (W)	20	Ambient Temp.(°C)	-20~40
Rated Voltage (V)	220-240 <sub>(GU10)/12<sub>(G5.3)</sub></sub>	Case Temp.(°C)	Max. 70
Line Frequency (Hz)	50-60 <sub>(GU10)</sub>	Peak Candelas(cd)	36° 460
No. of LEDs	1	Order Code	KLED03PWR/GU10-S30 KLED03PWR/G5.3-S30
Lamp Base	GU10/G5.3	G5.3 requires 12V DC constant voltage LED driver, not suitable for halogen transformers	
Beam Angle(°)	36		
Colour Temp.(K)	3000		
Lumen(lm)	80		

## Driver

## Constant Voltage LED Driver



8W	
Max Load (W)	8
Input Voltage (V)	80-280
Line Frequency (Hz)	50-60
Output Voltage (V)	12
Order Code	KLED08DRV
Feature	Output Overload Protection. Output Short-Circuit Protection. Wide Input Voltage(80-280V) 1.0KV Surge Protection – EN61547

15W	
Max Load (W)	15
Input Voltage (V)	80-280
Line Frequency (Hz)	50-60
Output Voltage (V)	12
Order Code	KLED15DRV
Feature	Output Overload Protection. Output Short-Circuit Protection. Wide Input Voltage(80-280V) 1.0KV Surge Protection – EN61547

## PAR

## 4w

EQU. TO 35 W

SAVE up to £93\*

### PAR16





72mm  
∅50mm

4W		30000h	
Rated Watt (W)	4	CRI	> 70 <sub>(3000K)/&gt; 70<sub>(6500K)</sub></sub>
Equ. Watt (W)	35	Ambient Temp.(°C)	-20~40
Rated Voltage (V)	220-240	Case Temp.(°C)	Max. 70
Line Frequency (Hz)	50-60	Peak Candelas(cd)	36° 450 <sub>(3000K)/520<sub>(6500K)</sub></sub>
No. of LEDs	3	Order Code	KLED04P16/E14-S30 KLED04P16/E14-S65
Lamp Base	E14		
Beam Angle(°)	36		
Colour Temp.(K)	3000/6500		
Lumen(lm)	180 <sub>(3000K)/210<sub>(6500K)</sub></sub>		

\*Average saving on electricity cost over the life time of the lamp based on £0.1 (€0.12) per unit (KWh).

**7w**

EQU. TO 75w SAVE up to £204\*

R63/PAR20



**NEW**



<b>7W</b>	<b>30000h</b>		
Rated Watt (W)	7	CRI	> 70 <sub>(3000K)</sub> / > 70 <sub>(6500K)</sub>
Equ. Watt (W)	75	Ambient Temp.(°C)	-20~40
Rated Voltage (V)	220-240	Case Temp.(°C)	Max.70
Line Frequency (Hz)	50-60	Peak Candelas(cd)	15° 2800 <sub>(3000K)</sub> /2950 <sub>(6000K)</sub>
No. of LEDs	7	Order Code	KLED07R63/E27-B30 KLED07R63/E27-B60
Lamp Base	E27		
Beam Angle(°)	15		
Colour Temp.(K)	3000/6000		
Lumen(lm)	500 <sub>(3000K)</sub> /550 <sub>(6000K)</sub>		

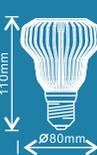
**11w**

EQU. TO 120w SAVE up to £327\*

R80/PAR25



**NEW**



<b>11W</b>	<b>30000h</b>		
Rated Watt (W)	11	CRI	> 70 <sub>(3000K)</sub> / > 70 <sub>(6500K)</sub>
Equ. Watt (W)	120	Ambient Temp.(°C)	-20~40
Rated Voltage (V)	220-240	Case Temp.(°C)	Max.70
Line Frequency (Hz)	50-60	Peak Candelas(cd)	36° 2000 <sub>(3000K)</sub> /2150 <sub>(6000K)</sub>
No. of LEDs	12	Order Code	KLED11R80/E27-S30 KLED11R80/E27-S60
Lamp Base	E27		
Beam Angle(°)	36		
Colour Temp.(K)	3000/6000		
Lumen(lm)	800 <sub>(3000K)</sub> /950 <sub>(6000K)</sub>		

**10w**

EQU. TO 75w SAVE up to £195\*

PAR30

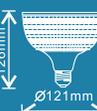



<b>10W</b>	<b>30000h</b>		
Rated Watt (W)	10	CRI	> 70 <sub>(3000K)</sub> / > 70 <sub>(6500K)</sub>
Equ. Watt (W)	75	Ambient Temp.(°C)	-20~40
Rated Voltage (V)	220-240	Case Temp.(°C)	Max.70
Line Frequency (Hz)	50-60	Peak Candelas(cd)	15° 4200 <sub>(3000K)</sub> /5800 <sub>(6500K)</sub>
No. of LEDs	7	Order Code	KLED10P30/E27-B30 KLED10P30/E27-B65
Lamp Base	E27		
Beam Angle(°)	15		
Colour Temp.(K)	3000/6500		
Lumen(lm)	500 <sub>(3000K)</sub> /590 <sub>(6500K)</sub>		

**15w**

EQU. TO 120w SAVE up to £315\*

PAR38

<b>15W</b>	<b>30000h</b>		
Rated Watt (W)	15	CRI	> 70 <sub>(3000K)</sub> / > 70 <sub>(6500K)</sub>
Equ. Watt (W)	120	Ambient Temp.(°C)	-20~40
Rated Voltage (V)	220-240	Case Temp.(°C)	Max.70
Line Frequency (Hz)	50-60	Peak Candelas(cd)	15° 6800 <sub>(3000K)</sub> /8000 <sub>(6500K)</sub>
No. of LEDs	12	Order Code	KLED15P38/E27-B30 KLED15P38/E27-B65
Lamp Base	E27		
Beam Angle(°)	15		
Colour Temp.(K)	3000/6500		
Lumen(lm)	860 <sub>(3000K)</sub> /1020 <sub>(6500K)</sub>		

\*Average saving on electricity cost over the life time of the lamp based on £0.1 (€0.12) per unit (kWh).

## ES111/AR111

### ES111

# 12w

EQU. TO 75 W  
SAVE up to £189\*



### 12W

30000h

Rated Watt (W)	12	CRI	> 70
Equ. Watt (W)	75	Ambient Temp.(°C)	-20~40
Rated Voltage (V)	220-240	Case Temp.(°C)	Max. 70
Line Frequency (Hz)	50-60	Peak Candelas(cd)	20° 2500 <sub>(3000K)</sub> /2800 <sub>(6500K)</sub>
No. of LEDs	7	Order Code	KLED12AR111/GU10-B30 KLED12AR111/GU10-B60
Lamp Base	GU10		
Beam Angle(°)	20		
Colour Temp.(K)	3000/6000		
Lumen(lm)	640 <sub>(3000K)</sub> /750 <sub>(6500K)</sub>		

### AR111

# 15w

EQU. TO 75 W  
SAVE up to £180\*



### 15W

20000h

Rated Watt (W)	15	CRI	> 70 <sub>(3000K)</sub> / > 70 <sub>(6500K)</sub>
Equ. Watt (W)	75	Ambient Temp.(°C)	-20~40
Rated Voltage (V)	12	Case Temp.(°C)	Max. 70
No. of LEDs	1	Peak Candelas(cd)	30° 1600 <sub>(3000K)</sub> /1800 <sub>(6500K)</sub>
Lamp Base	G53	Order Code	KLED15AR111-S30 KLED15AR111-S65
Beam Angle(°)	30		
Colour Temp.(K)	3000/6500		
Lumen(lm)	450 <sub>(3000K)</sub> /560 <sub>(6500K)</sub>		

G5.3 requires 12V DC constant voltage LED driver, not suitable for halogen transformers

## MR11

# 2w

EQU. TO 15 W  
SAVE up to £26\*



### 2W

20000h

Rated Watt (W)	2	CRI	> 70 <sub>(3000K)</sub> / > 70 <sub>(6500K)</sub>
Equ. Watt (W)	15	Ambient Temp.(°C)	-20~40
Rated Voltage (V)	12	Case Temp.(°C)	Max. 70
No. of LEDs	1	Peak Candelas(cd)	30° 350 <sub>(3000K)</sub> /400 <sub>(6500K)</sub>
Lamp Base	GU4	Order Code	KLED02MR11/GU4-S30 KLED02MR11/GU4-S65
Beam Angle(°)	30		
Colour Temp.(K)	3000/6500		
Lumen(lm)	75 <sub>(3000K)</sub> /90 <sub>(6500K)</sub>		

G5.3 requires 12V DC constant voltage LED driver, not suitable for halogen transformers

\*Average saving on electricity cost over the life time of the lamp based on £0.1 (€0.12) per unit (KWh).



## LED.Home

## KTC-Candle

### Live Life Beautifully

William Morris famously advised homeowners to “have nothing in your house that you do not know to be useful, or believe to be beautiful”. For the owners of Thirtover House it is a guiding principle that applies as much today as when it was first coined towards the end of the 19th Century by Morris, the influential Victorian artist and thinker.

Thirtover was one of the first homes to have an electrical system installed and many of the original light fittings remain. It was against this backdrop that the new owners of the house decided to upgrade all the lighting - marrying the best of modern Kosnic LED technology with an appreciation for the historical legacy of the building.

“We wanted to see how far new lighting technology could sit comfortably in a building of considerable historic interest,” explains the homeowner. “The goal was to use significantly less energy and make the house a viable family home that met the needs of teenagers and their parents.

Kosnic was selected as the LED supplier due to the affordability of their product range, ability to offer lifetime guarantees, and wide range of decorative products. Beautiful LED candle lamps were retrofit in to traditional chandelier fittings and sconce wall lights, offering a high lumen output and immediate energy saving of 90% compared to the old halogen lamps.



## Home

A range of LED products that brings the energy saving and safety capabilities of LED technology to the home. Kosnic's Home range is both beautiful and functional, providing smooth dimming and a quality of light that creates inviting living spaces.

And introducing our newest product...the KTC Candle lamp has a three dimensional chip structure, pushing light out evenly around 360 degrees and so mimicking the filament effect and ambiance of incandescent lamps.

The KTC Candle is a desirable object in its own right, beautiful to touch and behold, and worthy of a place in the most decorative of lighting schemes.

- High Lumen output of up to 350 Lumen.
- Fully dimmable using legacy dimming technologies.
- Metallic silver finishing to match chandeliers and decorative schemes.
- Ideal for domestic and hospitality applications, especially where chandeliers are in place.



### KTC-Candle (Dimmable)

# 5.5w

LIFE 30000 h  
LUMEN 350 lm



NEW

## 5.5W

## 30000h

Rated Watt (W)	5.5	CRI	>80
Rated Voltage (V)	220-240	Ambient Temp.(°C)	-20~40
Line Frequency (Hz)	50-60	Case Temp.(°C)	Max.70
No. of LEDs	48	Order Code	KDIM5.5CND/B22-CLR-N30 KDIM5.5CND/E14-CLR-N30 KDIM5.5CND/E27-CLR-N30
Lamp Base	B22/E14/E27		
Colour Temp.(K)	3000		
Lumen(lm)	350		

This dimmable lamp is compatible with many dimmer switches but dimming effect may vary depending on the loading and the type of dimmer switch. For the latest list of compatible dimmer switches please contact us.

# 4w

LIFE 30000 h  
LUMEN 280 lm



NEW

## 4W

## 30000h

Rated Watt (W)	4	CRI	>80
Rated Voltage (V)	220-240	Ambient Temp.(°C)	-20~40
Line Frequency (Hz)	50-60	Case Temp.(°C)	Max.70
No. of LEDs	36	Order Code	KDIM04CND/B22-CLR-N30 KDIM04CND/E14-CLR-N30 KDIM04CND/E27-CLR-N30
Lamp Base	B22/E14/E27		
Colour Temp.(K)	3000		
Lumen(lm)	280		

This dimmable lamp is compatible with many dimmer switches but dimming effect may vary depending on the loading and the type of dimmer switch. For the latest list of compatible dimmer switches please contact us.

### KTC-Candle (Non-Dimmable)

# 5.5w

LIFE 30000 h  
LUMEN 350 lm



NEW

## 5.5W

## 30000h

Rated Watt (W)	5.5	CRI	>80
Rated Voltage (V)	220-240	Ambient Temp.(°C)	-20~40
Line Frequency (Hz)	50-60	Case Temp.(°C)	Max.70
No. of LEDs	48	Order Code	KTC5.5CND/B22-CLR-N30 KTC5.5CND/E14-CLR-N30 KTC5.5CND/E27-CLR-N30
Lamp Base	B22/E14/E27		
Colour Temp.(K)	3000		
Lumen(lm)	350		

\*Average saving on electricity cost over the life time of the lamp based on £0.1 (€0.12) per unit (KWh).

**NEW**

**4w**

LIFE 30000 h LUMEN 280 lm

4W		30000h	
Rated Watt (W)	4	CRI	>80
Rated Voltage (V)	220-240	Ambient Temp.(°C)	-20~40
Line Frequency (Hz)	50-60	Case Temp.(°C)	Max.70
No. of LEDs	36	Order Code	KTC04CND/B22-CLR-N30 KTC04CND/E14-CLR-N30 KTC04CND/E27-CLR-N30
Lamp Base	B22/E14/E27		
Colour Temp.(K)	3000		
Lumen(lm)	280		

**NEW**

**2w**

LIFE 30000 h LUMEN 130 lm

2W		30000h	
Rated Watt (W)	2	CRI	>80
Rated Voltage (V)	220-240	Ambient Temp.(°C)	-20~40
Line Frequency (Hz)	50-60	Case Temp.(°C)	Max.70
No. of LEDs	18	Order Code	KTC02CND/E14-CLR-N30
Lamp Base	E14		
Colour Temp.(K)	3000		
Lumen(lm)	130		

### Candle

**3w**

LIFE 30000 h LUMEN 130 lm

3W		30000h	
Rated Watt (W)	3	CRI	>70
Rated Voltage (V)	220-240	Ambient Temp.(°C)	-20~40
Line Frequency (Hz)	50-60	Case Temp.(°C)	Max.70
Lamp Base	B22/B15/E27E14	Order Code	KLED03CND/B22-CLR-N30 KLED03CND/E14-CLR-N30 KLED03CND/E27-CLR-N30 KLED03CND/B15-CLR-N30
Colour Temp.(K)	3000		
Lumen(lm)	130		

**4w**

LIFE 30000 h LUMEN 240 lm

4W		30000h	
Rated Watt (W)	4	CRI	>70
Rated Voltage (V)	220-240	Ambient Temp.(°C)	-20~40
Line Frequency (Hz)	50-60	Case Temp.(°C)	Max.70
Lamp Base	B22/B15/E27E14	Order Code	KLED04CND/B22-OPL-N30 KLED04CND/E14-OPL-N30 KLED04CND/E27-OPL-N30 KLED04CND/B15-OPL-N30
Colour Temp.(K)	3000		
Lumen(lm)	240		

\*Average saving on electricity cost over the life time of the lamp based on £0.1 (€0.12) per unit (kWh).

## GLS

# 6w

Dimmable / Non-Dimmable

LIFE

30000

h

LUMEN

up to 420

lm



Dimmable LED

107mm

Ø61mm

6W		30000h
Rated Watt (W)	6	CRI
Rated Voltage (V)	220-240	Ambient Temp.(°C)
Line Frequency (Hz)	50-60	Case Temp.(°C)
No. of LEDs	12	Order Code
Lamp Base	B22/E27	KDIM06GLS/B22-N30    KTC06GLS/B22-N30
Colour Temp.(K)	3000/4000/6500	KDIM06GLS/B22-N40    KTC06GLS/B22-N40
Lumen(lm)	380 <sub>(3000K)</sub> /400 <sub>(4000K)</sub> /420 <sub>(6500K)</sub>	KDIM06GLS/B22-N65    KTC06GLS/B22-N65
		KDIM06GLS/E27-N30    KTC06GLS/E27-N30
		KDIM06GLS/E27-N40    KTC06GLS/E27-N40
		KDIM06GLS/E27-N65    KTC06GLS/E27-N65

# 8w

Dimmable / Non-Dimmable

LIFE

30000

h

LUMEN

up to 600

lm



Dimmable LED

107mm

Ø61mm

8W		30000h
Rated Watt (W)	8	CRI
Rated Voltage (V)	220-240	Ambient Temp.(°C)
Line Frequency (Hz)	50-60	Case Temp.(°C)
No. of LEDs	15	Order Code
Lamp Base	B22/E27	KDIM08GLS/B22-N30    KTC08GLS/B22-N30
Colour Temp.(K)	3000/4000/6500	KDIM08GLS/B22-N40    KTC08GLS/B22-N40
Lumen(lm)	560 <sub>(3000K)</sub> /580 <sub>(4000K)</sub> /600 <sub>(6500K)</sub>	KDIM08GLS/B22-N65    KTC08GLS/B22-N65
		KDIM08GLS/E27-N30    KTC08GLS/E27-N30
		KDIM08GLS/E27-N40    KTC08GLS/E27-N40
		KDIM08GLS/E27-N65    KTC08GLS/E27-N65

## Golf

# 3.5w

Dimmable / Non-Dimmable

LIFE

30000

h

LUMEN

240

lm



Dimmable LED

74mm

Ø45mm

3.5W		30000h
Rated Watt (W)	3.5	CRI
Rated Voltage (V)	220-240	Ambient Temp.(°C)
Line Frequency (Hz)	50-60	Case Temp.(°C)
Lamp Base	B22/E14/E27	Order Code
Colour Temp.(K)	2700	KLED3.5GLF/E14-N27
Lumen(lm)	240	KLED3.5GLF/B22-N27    KLED3.5GLF/E27-N27

## G4, G9, GX53

# 1.5w

Dimmable / Non-Dimmable

LIFE

30000

h

LUMEN

up to 90

lm



Dimmable LED

35mm

Ø11mm

1.5W		30000h
Rated Watt (W)	1.5	CRI
Rated Voltage (V)	12	Ambient Temp.(°C)
Lamp Base	G4	Case Temp.(°C)
Colour Temp.(K)	3000/6000	Order Code
Lumen(lm)	80 <sub>(3000K)</sub> /90 <sub>(6000K)</sub>	KLED1.5CPL/G4-N30    KLED1.5CPL/G4-N60

G4 requires 12V DC constant voltage LED driver, not suitable for halogen transformers

\*Average saving on electricity cost over the life time of the lamp based on £0.1 (€0.12) per unit (KWh).

# 2w

LIFE

30000

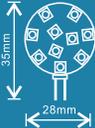
h

LUMEN

up to 120

lm





2W		30000h	
Rated Watt (W)	2	CRI	>70
Rated Voltage (V)	12	Ambient Temp.(°C)	-20~40
Beam Angle(°)	120	Case Temp.(°C)	Max.70
Lamp Base	G4	Order Code	
Colour Temp.(K)	3000/6000	KLED02CIR/G4-W30	KLED02CIR/G4-W60
Lumen(lm)	105 <sub>(3000K)</sub> /120 <sub>(6000K)</sub>		

G4 requires 12V DC constant voltage LED driver, not suitable for halogen transformers

# 2w

LIFE

30000

h

LUMEN

up to 120

lm

NEW





2W		30000h	
Rated Watt (W)	2	CRI	>70
Rated Voltage (V)	220-240	Ambient Temp.(°C)	-20~40
Line Frequency (Hz)	50-60	Case Temp.(°C)	Max.70
Lamp Base	G9	Order Code	
Colour Temp.(K)	3000/6000	KLED02CPL/G9-N30	KLED02CPL/G9-N60
Lumen(lm)	110 <sub>(3000K)</sub> /120 <sub>(6000K)</sub>		

# 4w

LIFE

30000

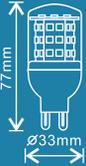
h

LUMEN

up to 260

lm





4W		30000h	
Rated Watt (W)	4	CRI	>70
Rated Voltage (V)	220-240	Ambient Temp.(°C)	-20~40
Line Frequency (Hz)	50-60	Case Temp.(°C)	Max.70
Lamp Base	G9	Order Code	
Colour Temp.(K)	3000/6000	KLED04CPL/G9-N30	KLED04CPL/G9-N60
Lumen(lm)	220 <sub>(3000K)</sub> /260 <sub>(6000K)</sub>		

# 3w

LIFE

30000

h

LUMEN

up to 200

lm





3W		30000h	
Rated Watt (W)	3	CRI	>70
Rated Voltage (V)	220-240	Ambient Temp.(°C)	-20~40
Line Frequency (Hz)	50-60	Case Temp.(°C)	Max.70
Beam Angle(°)	120	Order Code	
Lamp Base	GX53	KLED03DSK/GX53-W30	KLED03DSK/GX53-W60
Colour Temp.(K)	3000/6000		
Lumen(lm)	160 <sub>(3000K)</sub> /200 <sub>(6000K)</sub>		

\*Average saving on electricity cost over the life time of the lamp based on £0.1 (€0.12) per unit (kWh).



## LED DD

- Available with integrated microwave motion sensor and light sensor.
- Long life of 30,000 hours significantly reduces maintenance costs.
- Instant start, no flickering.
- Suitable for frequent switching, ideal to use with PIR/Sensor fittings.
- Energy consumption reduced by up to 65% compared to fluorescent DD lamps with a magnetic ballast.



### 12W 4pin

With Integrated motion & light sensor  
Retrofit Replacement for 28W DD lamp\*

9W 2pin/4pin



Retrofit Replacement for 16W DD Lamps

12W 4pin



Suitable for Emergency Module  
Retrofit Replacement for 28W DD Lamps

18W 4pin



Suitable for Emergency Module  
Retrofit Replacement for 38W DD Lamps

**LED DD** with motion & light sensor

12W 4pin



Suitable for Emergency Module  
Retrofit Replacement for 28W DD Lamps

18W 4pin



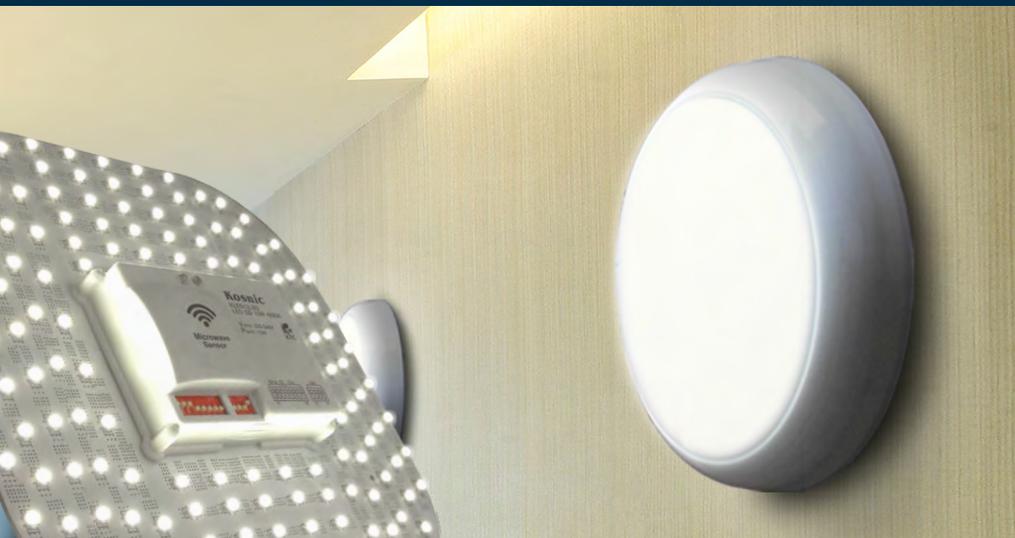
Suitable for Emergency Module  
Retrofit Replacement for 38W DD Lamps

Emergency Module



Can be configured to work in either maintained or non-maintained mode

\*This is a guide only. This product does not generate the same light output compared to fluorescent DD lamps. However, LED DD lamps only emit light from one side of the lamp hence creating a similar effect in most applications.



## Commercial

Kosnic takes a fresh approach to functional lighting with its Pro Range. This is a range of LED products that encapsulates our modular design philosophy - offering plug-in emergency packs and optional microwave sensor version so that there are no barriers to retrofitting LEDs in commercial fittings.

For example, all 12W and 18W LED DD lamps are emergency ready, and can be easily converted to a maintained emergency lamp with the simple addition of a Kosnic emergency module. And with absolutely no rewiring, the LED DD can be converted to a sensor fitting with our plug-in-microwave sensor.

We understand how office lighting works, that's why our serial LED T8 tubes are designed to retrofit fluorescent T8 tubes, where the tubes are paired and connected in series.

DD

# 9w

Replaces 16w SAVE up to £39\*

145mm  
145mm

9W		30000h	
Rated Watt (W)	9	CRI	>70
Replacement for (W)	16	Ambient Temp.( °C)	-20~40
Rated Voltage (V)	220-240	Case Temp.(°C)	Max.70
Line Frequency (Hz)	50-60	Peak Candelas(cd)	120° 270
No. of LEDs	120	Order Code	KLED09STD/2p-W40 KLED09STD/4p-W40
Lamp Base	2pin(GR8), 4pin(GR10q)		
Beam Angle(°)	120		
Colour Temp.(K)	4000		
Lumen(lm)	900		

# 12w

Replaces 28w SAVE up to £66\*

192mm  
192mm

12W		30000h	
Rated Watt (W)	12	CRI	>80 <sub>(2700K)</sub> / >70 <sub>(4000K)</sub> / >70 <sub>(6500K)</sub>
Replacement for (W)	28	Ambient Temp.( °C)	-20~40
Rated Voltage (V)	220-240	Case Temp.(°C)	Max.70
Line Frequency (Hz)	50-60	Peak Candelas(cd)	120° 360 <sub>(2700K)</sub> / 380 <sub>(4000K)</sub> / 420 <sub>(6500K)</sub>
No. of LEDs	160	Order Code	KLED12STD/4p-W27 KLED12STD/2p-W40 KLED12STD/4p-W40 KLED12STD/4p-W65
Lamp Base	2pin(GR8), 4pin(GR10q)		
Beam Angle(°)	120		
Colour Temp.(K)	2700/4000/6500		
Lumen(lm)	1000 <sub>(2700K)</sub> / 1100 <sub>(4000K)</sub> / 1200 <sub>(6500K)</sub>		

# 18w

Replaces 38w SAVE up to £78\*

192mm  
192mm

18W		30000h	
Rated Watt (W)	18	CRI	>80 <sub>(2700K)</sub> / >70 <sub>(4000K)</sub> / >70 <sub>(6500K)</sub>
Replacement for (W)	38	Ambient Temp.( °C)	-20~40
Rated Voltage (V)	220-240	Case Temp.(°C)	Max.70
Line Frequency (Hz)	50-60	Peak Candelas(cd)	120° 500 <sub>(2700K)</sub> / 520 <sub>(4000K)</sub> / 580 <sub>(6500K)</sub>
No. of LEDs	240	Order Code	KLED18STD/4p-W27 KLED18STD/4p-W40 KLED18STD/4p-W65
Lamp Base	4pin(GR10q)		
Beam Angle(°)	120		
Colour Temp.(K)	2700/4000/6500		
Lumen(lm)	1400 <sub>(2700K)</sub> / 1500 <sub>(4000K)</sub> / 1600 <sub>(6500K)</sub>		

\*Average saving on electricity cost over the life time of the lamp based on £0.1 (€0.12) per unit (KWh).

### Sensor DD

# 12w

Replaces **28 W**  
SAVE up to **£66\***



## 12W

## 30000h

Rated Watt (W)	12	CRI	>70
Replacement for (W)	28	Ambient Temp.( °C)	-20~40
Rated Voltage (V)	220-240	Case Temp.(°C)	Max.70
Line Frequency (Hz)	50-60	Peak Candelas(cd)	120°
No. of LEDs	160		380 <sub>(4000K)</sub>
Lamp Base	4pin(GR10q)	Order Code	KLED12LSD/4p-W40
Beam Angle(°)	120		
Colour Temp.(K)	4000		
Lumen(lm)	1100		

# 18w

Replaces **38 W**  
SAVE up to **£78\***



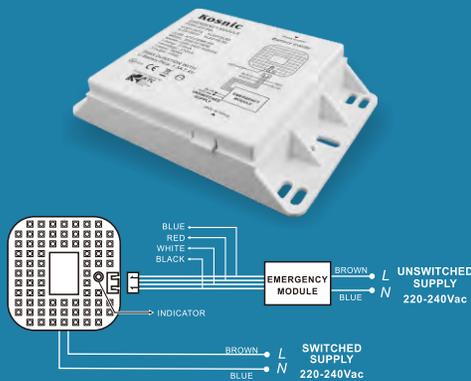
## 18W

## 30000h

Rated Watt (W)	18	CRI	>70
Replacement for (W)	38	Ambient Temp.(°C)	-20~40
Rated Voltage (V)	220-240	Case Temp.(°C)	Max.70
Line Frequency (Hz)	50-60	Peak Candelas(cd)	120°
No. of LEDs	240		520
Lamp Base	4pin(GR10q)	Order Code	KLED18LSD/4p-W40
Beam Angle(°)	120		
Colour Temp.(K)	4000		
Lumen(lm)	1500		

### Emergency Module

## Emergency Module for DD Lamps

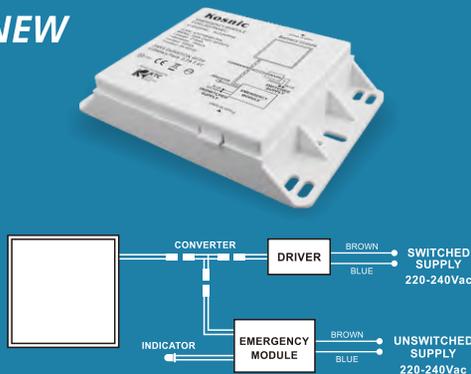


## KTC27EME-DD

Charge Current	210mA
Discharge Current	270mA
Emergency Conversion Time	1sec
Emergency Operating Time	3hrs
Battery Charging Time	12hrs
Output Current	150mA
Output Voltage	18Vdc
Battery Type	Li-ion
Battery Capacity	2000mAh
Available for	KLED12STD KLED12LSD KLED18STD KLED18LSD
Battery Code	KBAT1500

## Emergency Module for Panel Lights

**NEW**



## KTC70EME-PNL

Charge Current	210mA
Discharge Current	700mA
Emergency Conversion Time	1sec
Emergency Operating Time	> 3hrs
Battery Charging Time	12hrs
Output Current	100mA
Output Voltage	24-42Vdc
Battery Type	Li-ion
Battery Capacity	2200mAh
Available for	KLED36PNL KLED45PNL
Battery Code	KBAT2200

\*Average saving on electricity cost over the life time of the lamp based on £0.1 (€0.12) per unit (KWh).

**NEW**

### Emergency Module for Down Lights

KTC27EME-DWL	
Charge Current	210mA
Discharge Current	270mA
Emergency Conversion Time	1sec
Emergency Operating Time	> 3hrs
Battery Charging Time	12hrs
Output Current	150mA
Output Voltage	18Vdc
Battery Type	Li-ion
Battery Capacity	1500mAh
Available for	KLED16DL6 KLED23DL8
Battery Code	KBAT1500

**NEW**

### Emergency Module for Fire Rated Down Lights

KTC10EME-FDL	
Charge Current	210mA
Discharge Current	100mA
Emergency Conversion Time	1sec
Emergency Operating Time	> 3hrs
Battery Charging Time	12hrs
Output Current	30mA
Output Voltage	18Vdc
Battery Type	Li-ion
Battery Capacity	1500mAh
Available for	KFDL7.5LED KFDL7.5DIM
Battery Code	KBAT1500

## T8 serial

The LED T8 Serial Lamp is designed exclusively for easy replacement of fluorescent lamps in a serial connected light fitting with a magnetic ballast. These lamps must be used in pairs wired in serial.

Designed for safety with live and neutral placed at the same end.

Easy installation, no rewiring required for fittings with magnetic ballast.

**NEW**

### 10w

2ft(588mm)

Replaces 18W

SAVE up to £24\*

10W		30000h	
Rated Watt (W)	10	CRI	>70
Replacement for (W)	18	Ambient Temp.(°C)	-20~40
Line Frequency (Hz)	50-60	Case Temp.(°C)	Max.70
Length(mm)**	588	Peak Candelas(cd)	
Lamp Base	G13	120°	550
Beam Angle(°)	120	Order Code	KLED10T8-SER-W40
Colour Temp.(K)	4000		
Lumen(lm)	950		

\*Average saving on electricity cost over the life time of the lamp based on £0.1 (€0.12) per unit (KWh).

\*\* Tube length excluding pins

## T8 standard

Designed for safety with live and neutral placed at the same end.  
Easy installation, no rewiring required for fittings with magnetic ballast.

# 10<sub>w</sub>

Replaces **18<sub>w</sub>**    SAVE up to **£24\***

2ft(588mm)



### 10W

30000h

Rated Watt (W)	10	CRI	>70
Replacement for (W)	18	Ambient Temp.(°C)	-20~40
Rated Voltage (V)	220-240	Case Temp.(°C)	Max.70
Line Frequency (Hz)	50-60	Peak Candelas(cd)	120°                      550 <sub>(4000K)</sub> /600 <sub>(6500K)</sub>
Length(mm)**	588	Order Code	KLED10T8/FRT-W40                      KLED10T8/FRT-W65
Lamp Base	G13		
Beam Angle(°)	120		
Colour Temp.(K)	4000/6500		
Lumen(lm)	950 <sub>(4000K)</sub> /1000 <sub>(6500K)</sub>		

# 20<sub>w</sub>

Replaces **36<sub>w</sub>**    SAVE up to **£36\***

4ft(1196mm)



### 20W

30000h

Rated Watt (W)	20	CRI	>70
Replacement for (W)	36	Ambient Temp.(°C)	-20~40
Rated Voltage (V)	220-240	Case Temp.(°C)	Max.70
Line Frequency (Hz)	50-60	Peak Candelas(cd)	120°                      650 <sub>(4000K)</sub> /750 <sub>(6500K)</sub>
Length(mm)**	1196	Order Code	KLED20T8/FRT-W40                      KLED20T8/FRT-W65
Lamp Base	G13		
Beam Angle(°)	120		
Colour Temp.(K)	4000/6500		
Lumen(lm)	1900 <sub>(4000K)</sub> /1950 <sub>(6500K)</sub>		

# 25<sub>w</sub>

Replaces **58<sub>w</sub>**    SAVE up to **£99\***

5ft(1496mm)



### 25W

30000h

Rated Watt (W)	25	CRI	>70
Replacement for (W)	58	Ambient Temp.(°C)	-20~40
Rated Voltage (V)	220-240	Case Temp.(°C)	Max.70
Line Frequency (Hz)	50-60	Peak Candelas(cd)	120°                      680 <sub>(4000K)</sub> /800 <sub>(6500K)</sub>
Length(mm)**	1496	Order Code	KLED25T8/FRT-W40                      KLED25T8/FRT-W65
Lamp Base	G13		
Beam Angle(°)	120		
Colour Temp.(K)	4000/6500		
Lumen(lm)	2150 <sub>(4000K)</sub> /2200 <sub>(6500K)</sub>		

# 30<sub>w</sub>

Replaces **70<sub>w</sub>**    SAVE up to **£140\***

6ft(1764mm)



### 30W

30000h

Rated Watt (W)	30	CRI	>70
Replacement for (W)	70	Ambient Temp.(°C)	-20~40
Rated Voltage (V)	220-240	Case Temp.(°C)	Max.70
Line Frequency (Hz)	50-60	Peak Candelas(cd)	120°                      850
Length(mm)**	1764	Order Code	KLED30T8/FRT-W40
Lamp Base	G13		
Beam Angle(°)	120		
Colour Temp.(K)	4000		
Lumen(lm)	3000		

\*Average saving on electricity cost over the life time of the lamp based on £0.1 (€0.12) per unit (KWh).  
\*\* Tube length excluding pins

R7S, E40

## 7w

EQU. TO  
70  
W

SAVE up to  
£189\*



### 7W

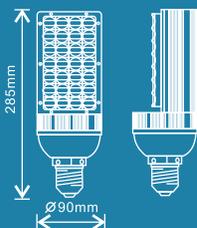
### 30000h

Rated Watt (W)	7	CRI	> 70
Equ. Watt (W)	70	Ambient Temp.(°C)	-20~40
Rated Voltage (V)	240	Case Temp.(°C)	Max. 70
Line Frequency (Hz)	50-60	Peak Candelas(cd)	150° 230
No. of LEDs	72	Order Code	KLED07LNR/R7S-W65
Lamp Base	R7S		
Beam Angle(°)	150		
Colour Temp.(K)	6000		
Lumen(lm)	680		

## 28w

EQU. TO  
100  
W

SAVE up to  
£216\*



### 28W

### 30000h

Rated Watt (W)	28	Lumen(lm)	2500
Equ. Watt (W)	100	CRI	> 80
Rated Voltage (V)	85~264	Ambient Temp.(°C)	-30~40
Line Frequency (Hz)	50-60	Case Temp.(°C)	Max. 70
No. of LEDs	28	Order Code	KPL28LBY/E27-W70 KPL28LBY/E40-W70
Lamp Base	E27/E40		
Beam Angle(°)	110(Horizontal)/45(Vertical)		
Colour Temp.(K)	7000		

Distance	Illuminance	Area
3m	28lux	10m x 4m
6m	13lux	20m x 8m
8m	7.5lux	26m x 10m
10m	4.5lux	33m x 13m

\*Average saving on electricity cost over the life time of the lamp based on £0.1 (€0.12) per unit (KWh).



## Effect

Lighting has the power to excite and to create memories.

Kosnic's LED Effect Range offers Candle, Golf and MR16 lamps that will enhance special events and everyday living.

With jewel-like color options, our Startree Candle and Golf lamps are designed with a unique internal structure of nine LEDs arranged as in a tree. This form-factor delivers extra sparkle and makes them ideal for festival applications.

Both practical and exciting, lamps from the LED Effect Range also have the advantage of very low power consumption (1 Watt) and a long life of 30,000 hours compared to traditional incandescent lamps.

- Very low power consumption.
- Range of exciting colours.
- Unique internal tree structure delivers an ultra sparkling effect.
- Long life of 30,000 hours.

1w

100mm  
∅38mm

90mm  
∅38mm

<b>1W</b>		<b>30000h</b>	
Rated Watt (W)	1	Ambient Temp.(°C)	-20~40
Rated Voltage (V)	220-240	Order Code	
Line Frequency (Hz)	50-60	KSTR01CND/B22-827	KSTR01CND/B15-827
No. of LEDs	9	KSTR01CND/E27-827	KSTR01CND/E14-827
Lamp Base	B22/B15/E27/E14	KSTR01CND/B22-865	KSTR01CND/B15-865
Colour Temp.(K)	2700/6500	KSTR01CND/E27-865	KSTR01CND/E14-865

1w

75mm  
∅45mm

<b>1W</b>		<b>30000h</b>	
Rated Watt (W)	1	Ambient Temp.(°C)	-20~40
Rated Voltage (V)	220-240	Order Code	
Line Frequency (Hz)	50-60	KSTR01GLF/B22-840	KSTR01GLF/E27-840
No. of LEDs	9	KSTR01GLF/B22-Blue	KSTR01GLF/E27-Blue
Lamp Base	B22/E27	KSTR01GLF/B22-Green	KSTR01GLF/E27-Green
Colour Temp.(K)	4000	KSTR01GLF/B22-Red	KSTR01GLF/E27-Red
Colour	Blue, Green, Red, Yellow, Orange	KSTR01GLF/B22-Yellow	KSTR01GLF/E27-Yellow
		KSTR01GLF/B22-Orange	KSTR01GLF/E27-Orange

1w

65mm  
∅40mm

<b>1W</b>		<b>30000h</b>	
Rated Watt (W)	1	Ambient Temp.(°C)	-20~40
Rated Voltage (V)	220-240	Order Code	
Line Frequency (Hz)	50-60	KLED01GLF/B22-White	KLED01GLF/E27-White
No. of LEDs	8	KLED01GLF/B22-Blue	KLED01GLF/E27-Blue
Lamp Base	B22/E27	KLED01GLF/B22-Green	KLED01GLF/E27-Green
Colour	White, Blue, Green, Red, Yellow, Color Changing	KLED01GLF/B22-Red	KLED01GLF/E27-Red
		KLED01GLF/B22-Yellow	KLED01GLF/E27-Yellow
		KLED01GLF/B22-Ch	KLED01GLF/E27-Ch

\*Average saving on electricity cost over the life time of the lamp based on £0.1 (€0.12) per unit (KWh).



1.5W		30000h	
Rated Watt (W)	1.5	Ambient Temp.(°C)	-20~40
Rated Voltage (V)	220-240 <sup>(GU10)</sup> /12 <sup>(G5.3)</sup>	Order Code	KLED1.5HIO/GU10-White KLED1.5HIO/G5.3-White KLED1.5HIO/GU10-Blue KLED1.5HIO/GU10-Green KLED1.5HIO/GU10-Red KLED1.5HIO/GU10-Yellow KLED1.5HIO/GU10-Orange
Line Frequency (Hz)	50-60 <sup>(GU10)</sup>		
No. of LEDs	12		
Lamp Base	GU10/G5.3		
Colour	White, Blue, Green, Red, Yellow, Orange		G5.3 requires 12V DC constant voltage LED driver, not suitable for halogen transformers



2W		30000h	
Rated Watt (W)	2	Ambient Temp.(°C)	-20~40
Rated Voltage (V)	220-240 <sup>(GU10)</sup> /12 <sup>(G5.3)</sup>	Order Code	KLED2.0HIO/GU10-White KLED2.0HIO/G5.3-White KLED2.0HIO/GU10-Blue
Line Frequency (Hz)	50-60 <sup>(GU10)</sup>		
No. of LEDs	18		
Lamp Base	GU10/G5.3		G5.3 requires 12V DC constant voltage LED driver, not suitable for halogen transformers
Colour	White, Blue		

\*Average saving on electricity cost over the life time of the lamp based on £0.1 (€0.12) per unit (KWh).



## LED Strip

LED strips are a perfect way to quickly accent living, hospitality and retail spaces. Colour-changing options create drama and interest - providing the perfect ambience to cook, relax or shop.

The strips can be cut to fit shelves, cabinets or architectural recesses and are flexible and durable.

- Efficient LED technology.
- Easy to install, can be cut to length.
- Slim and flexible.
- Colour-changing options.

### Starter Kits

## 4M Starter Kit

NEW



### LED Strip Starter Kit

Power Consumption	4.8W/m	Cut Points	100mm
Operating Voltage	12V	Connections	4 pin male/female
LED Type	3528	Adhesive	3M 9495LE Tape
Operating Temperature	-20 to 55°C	Colours	3500K 5000K Blue
LED Density	60 per m	Order Code	KLS19KITA/W50-L400 KLS19KITA/W35-L400 KLS19KITA/BLU-L400
IP Rating	IP65		
Lumens per LED	6-7		
Strip Dimensions	10mm * 3.5mm		
Coating	Silicon		
Beam Angle	120°		

### Pack Contents

- 2\* 0.5m TuffStrip LED Strips
- 3\* 1.0m TuffStrip LED Strips
- 1 \* 48watt Power Supply
- Pack of 2 Corners
- 1 \* 200cm Interconnection Cable
- 10 \* Mounting Brackets & Screws
- Instructions

## 4M Colour-Changing Starter Kit

NEW



### RGB LED Strip Starter Kit

Power Consumption	7.2W/m	Cut Points	100mm
Operating Voltage	12V	Connections	4 pin male/female
LED Type	5050 Tri LED	Adhesive	3M 9495LE Tape
Operating Temperature	-20 to 55°C	Order Code	KLS29KITA/RGB-L400
LED Density	30 per m		
IP Rating	IP65		
Strip Dimensions	10mm * 3.5mm		
Coating	Epoxy		
Beam Angle	120°		

### Pack Contents

- 2 \* 1m TuffStrip Colour Changing Strips
- 4 \* 0.5m TuffStrip Colour Changing Strips
- 1 \* Power72 - 72w Driver.
- 1 \* Infra Red Controller and 44 key remote
- 2 \* Corner Cables
- 1 \* 2m Bridge Cable
- Instructions

## Additional Strips

**NEW**

### Additional LED Strip



### Tuffstrip 3528

Power Consumption	4,8W/m	Cut Points	100mm
Operating Voltage	12V	Adhesive	3M 9495LE Tape
Max Current	30mA	Colours	3500k
LED Type	3528		5000k
Operating Temperature	-20 to 55°C		Blue
LED Density	60 per m	Order Code	KLS2.4WP60/W50-L50
IP Rating	IP65		KLS4.8WP60/W50-L100
Lumens per LED	7		KLS2.4WP60/W35-L50
Strip Dimensions	10mm * 3,5mm		KLS4.8WP60/W35-L100
Coating	Silicon		KLS2.4WP60/BLU-L50
Beam Angle	120°		KLS4.8WP60/BLU-L100
Length	0,5M, 1M		

**NEW**

### Additional RGB LED Strip



### Tuffstrip Colour Change 30

Power Consumption	7,2W/m	Beam Angle	120°
Operating Voltage	12V	Cut Points	100mm
LED Type	5050	Connections	4 pin male/female
Operating Temperature	-20 to 55°C	Adhesive	3M 9495LE Tape
LED Density	30 per m	Order Code	KLS3.6WP30/RGB-L50
IP Rating	IP65		KLS7.2WP30/RGB-L100
Strip Dimensions	10mm * 3,5mm		
Coating	Epoxy		
Line Order	+ve RGB		
Length	0,5M, 1M		

## Controllers and Drivers

### RGB Remote Control

**NEW**



### Infra Red 44-key RGB Controller

Power Handling	3*3amp	No of Colours	20
Operating Voltage	12V or 24V	Static Power Consumption	< 1w
Battery	3V lithium	Order Code	KLS09ARGBCTR/KEY
Operating Range	10m		
Handset Size	124*56*7mm		
Dimming Function	Yes		
No Of Programmes	7		

### RGB Colour Wheel Remote Control

**NEW**

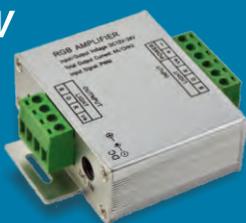


### Colour Wheel RGB Controller

Power Handling	18amp max	Static Power Consumption	< 1W
Operating Voltage	12V or 24V	Frequency	433,92Mhz
Battery	3 * AAA	Order Code	KLS18ARGBCTR/CLW
Operating Range	20m		
Size	58*70*28mm		
Dimming Function	Yes		
No Of Programmes	15		

### RGB Signal Amplifier

**NEW**



### RGB Signal Amplifier

Power Handling	12amp	Order Code	KLS08ARGBAMP
Operating Voltage	12V or 24V		
Size	105*65*25mm		
Max Wattage @ 12v	144W		
Max Wattage @ 24v	288W		

**48W LED Driver** **NEW**



### 48W Power Supply

Input Voltage	200-240VAC 50Hz	Dimensions	115*50*30
Operating Voltage	12VDC	Terminals	4 Pin Header
Max Output Current	4.0amp	Order Code	KLS48DRV
Output Wattage	48W Max		

**72W LED Driver** **NEW**



### 72W Power Supply

Input Voltage	200-240VAC 50Hz	Dimensions	118*50*30
Operating Voltage	12VDC	Terminals	DC Jack
Max Output Current	6.1amp	Order Code	KLS72DRV
Output Wattage	72W Max		

**RF Dimmer** **NEW**



### FlexConnect RF Dimmer

Switching Capacity	8amp max	Operating Range	25m
Wattage	96W	Size	150mm*35mm
Operating Voltage	12VDC	Communications	RF
Dimming System	PWM	Order Code	KLS08DIM/RF

**On/Off Sensor Switch** **NEW**



### Sensor Switch

Power Handling	60W	Dimensions	64*14.5*9.6mm
Operating Voltage	12VDC	Connections	1m cables
Detection Range	5cm to 15cm	Order Code	KLS60SWT/IR
Operating Temperature	-20 to 45°C		

## Connectors

**NEW**

Description	Order Code
FCI10 10cm Corner Cable	KLSCNT/CNR-L10
FCI50 50cm Bridge Cable	KLSCNT/BRG-L50
FCI100 1m Bridge Cable	KLSCNT/BRG-L100
FCI200 2m Bridge Cable	KLSCNT/BRG-L200
FCI500 5m Bridge Cable	KLSCNT/BRG-L500
FCSYS Y Splitter	KLSCNT/YSPL0
FCSYS350 Y Splitter with 350mm Arms	KLSCNT/YSPL35
FCIPWR 5.5mm DC Power Supply to Strip connector	KLSCNT/PWR-L550
FCIPWR2 Screw Terminal Power Supply to Strip connector	KLSCNT/TMN-L550
FCSMB10 Mounting Brackets & Screws (PK 10)	KLSBRK
FCSK03 Corners. Pack of 2 including adapters	KLSCNR



## LUMI

## LED Panel

### LUMI Range Makes Work Green

Creating an office environment where employees feel comfortable and which has minimal negative impact on the environment can also have a significant effect on the bottom line. By installing products from Kosnic's LUMI range of commercial LED lighting, business owners will immediately realise energy cost savings of more than 60%.

At the same time, employees will experience enhanced well-being through products that do not flicker and which emit uniform light.

In office environments lit by Kosnic LED products, users can enjoy perfect task illumination and visual comfort. FM managers are happy too because LUMI products are robust and need much less maintenance than traditional fluorescent lighting products.





### LED Panel Light

The Kosnic LED ceiling and wall panel is an easy-to-retrofit replacement for standard ceiling tile fittings in offices and schools.

In the workplace or education setting, users require uniform light to maintain well-being. The Kosnic LED panel offers Edge-Lit technology to achieve constant light across the surface of the luminaire.

Available in 36W and 45W versions, the panels have a long lamp life of 40,000 hours and reduce energy consumption by more than 50 per cent compared with a traditional fluorescent fitting. Plug-In emergency modules convert the panels in to a maintained emergency fitting that dims to 10% of normal light output when in emergency mode.

The panels are super-slim at only 11 mm thickness, and are suitable for surface mounting or in suspended installation.

36<sub>w</sub>

36W		40000h	
Rated Watt (W)	36	Ambient Temp.(°C)	-20~40
No. of LEDs	296	Case Temp.(°C)	Max. 70
Rated Voltage (V)	220-240	Peak Candelas(cd)	
Line Frequency (Hz)	50-60	120°	860 <sub>(4000K)</sub> /900 <sub>(6500K)</sub>
Angle(°)	120	Order Code	
Colour Temp.(K)	4000/6500	KLED36PNL-W40	KLED36PNL-W65
Lumen(lm)		Surface Mount Fixing	
	2700lm <sub>(4000K)</sub> , 2800lm <sub>(6500K)</sub>	Order Code	KTPNL/SMT
CRI	>80		

45<sub>w</sub>

45W		40000h	
Rated Watt (W)	45	Ambient Temp.(°C)	-20~40
No. of LEDs	444	Case Temp.(°C)	Max. 70
Rated Voltage (V)	220-240	Peak Candelas(cd)	
Line Frequency (Hz)	50-60	120°	1250 <sub>(4000K)</sub> /1300 <sub>(6500K)</sub>
Angle(°)	120	Order Code	
Colour Temp.(K)	4000/6500	KLED45PNL-W40	KLED45PNL-W65
Lumen(lm)		Suspended Fixing	
	3900lm <sub>(4000K)</sub> , 4000lm <sub>(6500K)</sub>	Order Code	KTPNL/SUS
CRI	>80	Surface Mount Fixing	
		Order Code	KTPNL/SMT

### Emergency Module

NEW

Emergency Module for Panel Lights

### KTC 70EME-PNL

Charge Current	210mA
Discharge Current	700mA
Emergency Conversion Time	1sec
Emergency Operating Time	> 3hrs
Battery Charging Time	12hrs
Output Current	100mA
Output Voltage	24-42Vdc
Battery Type	Li-ion
Battery Capacity	2200mAh
Available for	KLED36PNL KLED45PNL
Battery Code	KBAT2200

## Driver

### ..... DALI Dimmable Driver .....



### DALI Dimmable Driver

Load (W)	12-48	Order Code	KPNL-DALI
Input Voltage (V)	200-240	Feature	Overload Protection. Short-Circuit Protection. Open-Circuit Protection.
Line Frequency (Hz)	50-60		
Output Voltage (V)	9-55		
Power Factor	>0.9		
Dimming Control	DALI		
Dimming Range	<0.3% to 100%		
Ambient Temp.(°C)	-20~50		
Case Temp.(°C)	Max.85		

### ..... Constant Current LED Driver .....



### Constant Current LED Driver

Max Load (W)	50	Order Code	KPNL1350DRV
Input Voltage (V)	100-277	Feature	Overload Protection. Short-Circuit Protection. Open-Circuit Protection.
Line Frequency (Hz)	50-60		
Output Voltage (V)	22-36		
Output Current(A)	1.35		
Power Factor	>0.9		
Ambient Temp.(°C)	-20~50		
Case Temp.(°C)	Max.75		



## LED Bulkhead

Corridors, staircases, lift shafts, security zones, and thoroughfares require hard-working lighting with emergency and sensor options. Luminaires in these areas need to be slim, cost-effective, and require minimal maintenance.

Kosnic offers a complete, robust solution with its LUMI bulkhead (designed to work with our LED DD lamps). Available as both an indoor and outdoor version, the bulkhead includes integrated sensor and emergency options for fast installation.

This year we also introduce our IP65 LED bulkhead. A high-quality fitting with an integrated LED tray and sensor option as standard. This bulkhead provides a rapid return on investment as lamps produce 10% of light output until sensors detect movement, when 100% light output provides safe passage.

**Standard IP65 LED Bulkhead**

with LED DD lamps

**NEW**

Standard			
Class	II (Double insulated)	Lamp	
Rated Voltage (V)	220-240	KLED09STD/4p-W40	KLED12LSD/4p-W40
Line Frequency (Hz)	50-60	KLED12STD/4p-W27	KLED18LSD/4p-W40
Lamp Base	4pin(GR10q)	KLED12STD/4p-W40	KLED12STD/4p-W65
Finishing	White	KLED18STD/4p-W27	KLED18STD/4p-W40
Effect	Opal	KLED18STD/4p-W65	
CRI	>70	Order Code	KBHDD-C65
Ambient Temp.(°C)	-20~40		
IP Rating	65		

*Suitable for outdoor use*

### Order Code

This LED DD fitting must be ordered with a LED DD lamp, the order code of these combinations is below:

Order Code inc. LED DD Lamp	Parts Included		Description
	Fitting	Lamp	
<b>Standard</b>			
KBHDD09C65-W40	KBHDD-C65	KLED09STD/4p-W40	Opal LED bulkhead , IP65, with standard 9W LED DD lamp, 4pin, 4000K
KBHDD12C65-W27	KBHDD-C65	KLED12STD/4p-W27	Opal LED bulkhead , IP65, with standard 12W LED DD lamp, 4pin, 2700K
KBHDD12C65-W40	KBHDD-C65	KLED12STD/4p-W40	Opal LED bulkhead , IP65, with standard 12W LED DD lamp, 4pin, 4000K
KBHDD12C65-W65	KBHDD-C65	KLED12STD/4p-W65	Opal LED bulkhead , IP65, with standard 12W LED DD lamp, 4pin, 6500K
KBHDD18C65-W27	KBHDD-C65	KLED18STD/4p-W27	Opal LED bulkhead , IP65, with standard 18W LED DD lamp, 4pin, 2700K
KBHDD18C65-W40	KBHDD-C65	KLED18STD/4p-W40	Opal LED bulkhead , IP65, with standard 18W LED DD lamp, 4pin, 4000K
KBHDD18C65-W65	KBHDD-C65	KLED18STD/4p-W65	Opal LED bulkhead , IP65, with standard 18W LED DD lamp, 4pin, 6500K
<b>Microwave Motion Sensor</b>			
KBHDD12C65/S-W27	KBHDD-C65	KLED12LSD/4p-W27	Opal LED bulkhead , IP65, with sensor 12W LED DD lamp, 4pin, 2700K
KBHDD12C65/S-W40	KBHDD-C65	KLED12LSD/4p-W40	Opal LED bulkhead , IP65, with sensor 12W LED DD lamp, 4pin, 4000K
KBHDD12C65/S-W65	KBHDD-C65	KLED12LSD/4p-W65	Opal LED bulkhead , IP65, with sensor 12W LED DD lamp, 4pin, 6500K
KBHDD18C65/S-W27	KBHDD-C65	KLED18LSD/4p-W27	Opal LED bulkhead , IP65, with sensor 18W LED DD lamp, 4pin, 2700K
KBHDD18C65/S-W40	KBHDD-C65	KLED18LSD/4p-W40	Opal LED bulkhead , IP65, with sensor 18W LED DD lamp, 4pin, 4000K
KBHDD18C65/S-W65	KBHDD-C65	KLED18LSD/4p-W65	Opal LED bulkhead , IP65, with sensor 18W LED DD lamp, 4pin, 6500K



Emergency (Maintained)			
Class	II (Double insulated)	Battery Type	Li-ion cell
Rated Voltage (V)	220-240	Battery Capacity	2000mAh
Line Frequency (Hz)	50-60	Battery Voltage	7.4V
Lamp Base	4pin(GR10q)	CRI	> 70
Finishing	White	Ambient Temp.(°C)	-20~40
Effect	Opal	Lamp	
Emergency Conversion Time	1 sec	KLED09STD/4p-W40	KLED12LSD/4p-W40
Emergency Operating Time	3hrs	KLED12STD/4p-W27	KLED18LSD/4p-W40
Battery Charging Time	12hrs	KLED12STD/4p-W40	
		KLED12STD/4p-W65	
		KLED18STD/4p-W27	
		KLED18STD/4p-W40	
		KLED18STD/4p-W65	
Order Code	KBHDD-C65/E		

**Suitable for outdoor use**

The LED DD Emergency Module KTC27EME-DD is wired in this luminaire.

**Order Code**

This LED DD fitting must be ordered with a LED DD lamp, the order code of these combinations is below:

Order Code inc. LED DD Lamp	Parts Included		Description
	Fitting	Lamp	
<b>Standard</b>			
KBHDD09C65/E-W40	KBHDD-C65/E	KLED09STD/4p-W40	Emergency, Opal LED bulkhead , IP65, with standard 9W LED DD lamp, 4pin, 4000K
KBHDD12C65/E-W27	KBHDD-C65/E	KLED12STD/4p-W27	Emergency, Opal LED bulkhead , IP65, with standard 12W LED DD lamp, 4pin, 2700K
KBHDD12C65/E-W40	KBHDD-C65/E	KLED12STD/4p-W40	Emergency, Opal LED bulkhead , IP65, with standard 12W LED DD lamp, 4pin, 4000K
KBHDD12C65/E-W65	KBHDD-C65/E	KLED12STD/4p-W65	Emergency, Opal LED bulkhead , IP65, with standard 12W LED DD lamp, 4pin, 6500K
KBHDD18C65/E-W27	KBHDD-C65/E	KLED18STD/4p-W27	Emergency, Opal LED bulkhead , IP65, with standard 18W LED DD lamp, 4pin, 2700K
KBHDD18C65/E-W40	KBHDD-C65/E	KLED18STD/4p-W40	Emergency, Opal LED bulkhead , IP65, with standard 18W LED DD lamp, 4pin, 4000K
KBHDD18C65/E-W65	KBHDD-C65/E	KLED18STD/4p-W65	Emergency, Opal LED bulkhead , IP65, with standard 18W LED DD lamp, 4pin, 6500K
<b>Microwave Motion Sensor</b>			
KBHDD12C65/E/S-W40	KBHDD-C65/E	KLED12LSD/4p-W40	Emergency, Opal LED bulkhead , IP65, with sensor 12W LED DD lamp, 4pin, 4000K
KBHDD18C65/E/S-W40	KBHDD-C65/E	KLED18LSD/4p-W40	Emergency, Opal LED bulkhead , IP65, with sensor 18W LED DD lamp, 4pin, 4000K

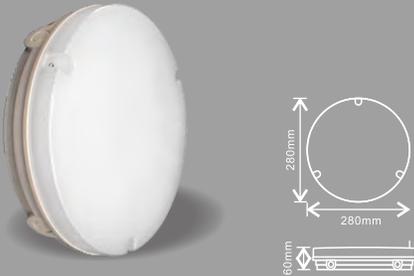
### Corridor Function

With integrated dimming module, and microwave motion sensor, this LED bulkhead automatically dims to 10% light output. It maintains this light level until movement is detected, the fitting is then switched to full brightness.

**NEW**

**14<sub>w</sub>**

Standard IP65 LED Bulkhead  
with Dedicated LED Tray



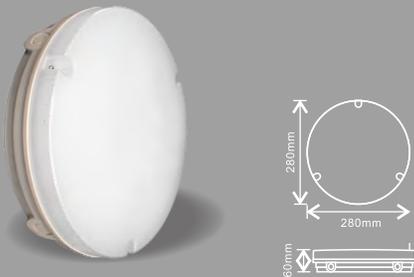
Standard			
Watt	14	Ambient Temp.(°C)	-20~40
Class	II (Double insulated)	IP Rating	65
Rated Voltage (V)	220-240	Order Code	KBHCT14C65/S/D
Line Frequency (Hz)	50-60		
Luminaire Lumen (lm)	900		
Finishing	White		
Effect	Opal		
CRI	>70		
Colour Temp.(K)	4000		

*Suitable for outdoor use*

**NEW**

**14<sub>w</sub>**

Emergency IP65 LED Bulkhead  
with Dedicated LED Tray



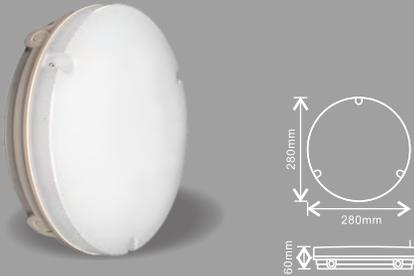
Emergency (maintained)			
Watt	14	Emergency Operating Time	3hrs
Class	II (Double insulated)	Battery Charging Time	12hrs
Rated Voltage (V)	220-240	Battery Type	Li-ion cell
Line Frequency (Hz)	50-60	Battery Capacity	1500mAh
Luminaire Lumen (lm)	900	Battery Voltage	7.4V
Finishing	White	CRI	>70
Effect	Opal	Ambient Temp.(°C)	-20~40
Emergency Conversion Time	1 sec	Order Code	KBHCT14C65/E/S/D
Colour Temp.(K)	4000	Battery Code	KBAT1500

*Suitable for outdoor use*

**NEW**

**20<sub>w</sub>**

Standard IP65 LED Bulkhead  
with Dedicated LED Tray



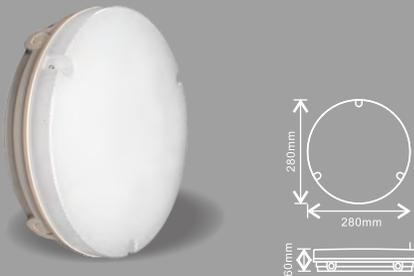
Standard			
Watt	20	Ambient Temp.(°C)	-20~40
Class	II (Double insulated)	IP Rating	65
Rated Voltage (V)	220-240	Order Code	KBHCT20C65/S/D
Line Frequency (Hz)	50-60		
Luminaire Lumen (lm)	1300		
Finishing	White		
Effect	Opal		
CRI	>70		
Colour Temp.(K)	4000		

*Suitable for outdoor use*

**NEW**

**20<sub>w</sub>**

Emergency IP65 LED Bulkhead  
with Dedicated LED Tray



Emergency (maintained)			
Watt	20	Emergency Operating Time	3hrs
Class	II (Double insulated)	Battery Charging Time	12hrs
Rated Voltage (V)	220-240	Battery Type	Li-ion cell
Line Frequency (Hz)	50-60	Battery Capacity	2000mAh
Luminaire Lumen (lm)	1300	Battery Voltage	7.4V
Finishing	White	CRI	>70
Effect	Opal	Ambient Temp.(°C)	-20~40
Emergency Conversion Time	1 sec	Order Code	KBHCT20C65/E/S/D
Colour Temp.(K)	4000	Battery Code	KBAT2000

*Suitable for outdoor use*



Standard		Lamp	
Class	II (Double insulated)	KLED09STD/4p-W40	KLED12LSD/4p-W40
Rated Voltage (V)	220-240	KLED12STD/4p-W27	KLED18LSD/4p-W40
Line Frequency (Hz)	50-60	KLED12STD/4p-W40	
Lamp Base	4pin(GR10q)	KLED12STD/4p-W65	
Finishing	White	KLED18STD/4p-W27	
Effect	Opal	KLED18STD/4p-W40	
CRI	>70	KLED18STD/4p-W65	
Ambient Temp.(°C)	-20~40	Order Code	KSL300LDD/4P-OPL

### Order Code

This LED DD fitting must be ordered with a LED DD lamp, the order code of these combinations is below:

Order Code	Parts Included		Description
	Fitting	Lamp	
KLED300STD09/W40	KSL300LDD	KLED09STD/4p-W40	Opal LED DD bulkhead with 9W LED DD lamp, 4pin, 4000K
KLED300STD12/W27	KSL300LDD	KLED12STD/4p-W27	Opal LED DD bulkhead with 12W LED DD lamp, 4pin, 2700K
KLED300STD12/W40	KSL300LDD	KLED12STD/4p-W40	Opal LED DD bulkhead with 12W LED DD lamp, 4pin, 4000K
KLED300STD12/W65	KSL300LDD	KLED12STD/4p-W65	Opal LED DD bulkhead with 12W LED DD lamp, 4pin, 6500K
KLED300STD18/W27	KSL300LDD	KLED18STD/4p-W27	Opal LED DD bulkhead with 18W LED DD lamp, 4pin, 2700K
KLED300STD18/W40	KSL300LDD	KLED18STD/4p-W40	Opal LED DD bulkhead with 18W LED DD lamp, 4pin, 4000K
KLED300STD18/W65	KSL300LDD	KLED18STD/4p-W65	Opal LED DD bulkhead with 18W LED DD lamp, 4pin, 6500K
KLED300LSD12/W40	KSL300LDD	KLED12LSD/4p-W40	Opal LED DD bulkhead with 12W LED DD lamp with Microwave motion sensor, 4pin, 4000K
KLED300LSD18/W40	KSL300LDD	KLED18LSD/4p-W40	Opal LED DD bulkhead with 18W LED DD lamp with Microwave motion sensor, 4pin, 4000K



Emergency		Battery Type	
Class	II (Double insulated)	Battery Type	Li-ion cell
Rated Voltage (V)	220-240	Battery Capacity	1500mAh
Line Frequency (Hz)	50-60	Battery Voltage	7.4V
Lamp Base	4pin(GR10q)	CRI	>70
Finishing	White	Ambient Temp.(°C)	-20~40
Effect	Opal	Lamp	
Emergency Conversion Time	1 sec	KLED09STD/4p-W40	KLED12LSD/4p-W40
Emergency Operating Time	3hrs	KLED12STD/4p-W27	KLED18LSD/4p-W40
Battery Charging Time	12hrs	KLED12STD/4p-W40	
		KLED12STD/4p-W65	
		KLED18STD/4p-W27	
		KLED18STD/4p-W40	
		KLED18STD/4p-W65	
		Order Code	KSL300EML/4P-OPL
		Battery Code	KBAT1500

The LED DD Emergency Module KTC27EME-DD is fixed wired in this luminaire.

### Order Code

This emergency LED DD fitting must be ordered with a LED DD lamp, the order code of these combinations is below:

Order Code	Parts Included		Description
	Fitting	Lamp	
KEME300STD12/W27	KSL300EML/4P-OPL	KLED12STD/4p-W27	Opal Emergency LED DD bulkhead with 12W LED DD lamp, 4pin, 2700K
KEME300STD12/W40	KSL300EML/4P-OPL	KLED12STD/4p-W40	Opal Emergency LED DD bulkhead with 12W LED DD lamp, 4pin, 4000K
KEME300STD12/W65	KSL300EML/4P-OPL	KLED12STD/4p-W65	Opal Emergency LED DD bulkhead with 12W LED DD lamp, 4pin, 6500K
KEME300STD18/W27	KSL300EML/4P-OPL	KLED18STD/4p-W27	Opal Emergency LED DD bulkhead with 18W LED DD lamp, 4pin, 2700K
KEME300STD18/W40	KSL300EML/4P-OPL	KLED18STD/4p-W40	Opal Emergency LED DD bulkhead with 18W LED DD lamp, 4pin, 4000K
KEME300STD18/W65	KSL300EML/4P-OPL	KLED18STD/4p-W65	Opal Emergency LED DD bulkhead with 18W LED DD lamp, 4pin, 6500K
KEME300LSD12/W40	KSL300EML/4P-OPL	KLED12LSD/4p-W40	Opal Emergency LED DD bulkhead with 12W LED DD lamp with Microwave motion sensor, 4pin, 4000K
KEME300LSD18/W40	KSL300EML/4P-OPL	KLED18LSD/4p-W40	Opal Emergency LED DD bulkhead with 18W LED DD lamp with Microwave motion sensor, 4pin, 4000K



### LED Down Light

LED technology offers true potential to conserve energy on a massive scale. Kosnic's LED Down Light Range is the proven backbone of thousands of lighting schemes - offering a portfolio of affordable products with high Lumen efficiency and a long life.

Our Commercial Down Light is a direct retrofit for widely used 4", 6" and 8" Fluorescent down-lighters. The Kosnic fire-rated Down Light with integrated LED light engine achieves an enormous 440 Lumen, and comes with dimming options.

Both products are emergency ready and can be converted to maintained emergency light by simply plugging-in an optional Kosnic emergency module.

### LED Fire-rated Down Light

# 7.5w

EQU. To 60w  
SAVE up to £184\*



### 7.5W (Dimmable)

### 35000h

Rated Watt (W)	7.5	CRI	>70
Equ. Watt (W)	60	Ambient Temp.(°C)	-20~40
Rated Voltage (V)	220-240	Case Temp.(°C)	Max.70
Line Frequency (Hz)	50-60	Peak Candelas(cd)	36° 950 <sub>(3000K)</sub> /1150 <sub>(6500K)</sub>
Beam Angle(°)	36	Order Code	KFDL7.5DIM/FS30-BN KFDL7.5DIM/FS65-BN KFDL7.5DIM/FS30-CH KFDL7.5DIM/FS65-CH KFDL7.5DIM/FS30-WH KFDL7.5DIM/FS65-WH
Colour Temp.(K)	3000/6500		
Lumen(lm)	440 <sub>(3000K)</sub> /520 <sub>(6500K)</sub>		
Fire Rating	90Minutes		

This dimmable lamp is compatible with many dimmer switches but dimming effect may vary depending on the loading and the type of dimmer switch. For the latest list of compatible dimmer switches please contact us.

# 7.5w

EQU. To 60w  
SAVE up to £184\*



### 7.5W

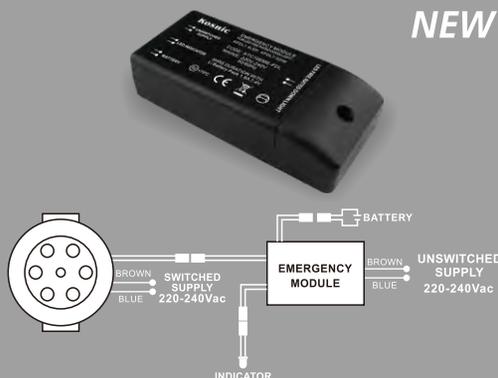
### 35000h

Rated Watt (W)	7.5	CRI	>70
Equ. Watt (W)	60	Ambient Temp.(°C)	-20~40
Rated Voltage (V)	220-240	Case Temp.(°C)	Max.70
Line Frequency (Hz)	50-60	Peak Candelas(cd)	36° 950 <sub>(3000K)</sub> /1150 <sub>(6500K)</sub>
Beam Angle(°)	36	Order Code	KFDL7.5LED/FS30-BN KFDL7.5LED/FS65-BN KFDL7.5LED/FS30-CH KFDL7.5LED/FS65-CH KFDL7.5LED/FS30-WH KFDL7.5LED/FS65-WH
Colour Temp.(K)	3000/6500		
Lumen(lm)	440 <sub>(3000K)</sub> /520 <sub>(6500K)</sub>		
Fire Rating	90Minutes		

### Emergency Module

### Emergency Module

for Fire Rated Down Lights



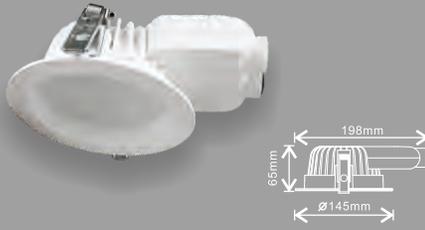
### KTC10EME-FDL

Charge Current	210mA
Discharge Current	100mA
Emergency Conversion Time	1sec
Emergency Operating Time	3hrs
Battery Charging Time	12hrs
Output Current	30mA
Output Voltage	18Vdc
Battery Type	Li-ion
Battery Capacity	1500mAh
Available for	KFDL7.5LED KFDL7.5DIM
Battery Code	KBAT1500

### Commercial Downlight

# 10<sup>(4")</sup><sub>w</sub>

EQU. To 18 W  
SAVE up to £40\*



### 10W

### 40000h

Rated Watt (W)	10	CRI	> 70
Equ. Watt (W)	1X18	Ambient Temp.(°C)	-20~40
Rated Voltage (V)	220-240	Case Temp.(°C)	Max.70
Line Frequency (Hz)	50-60	Peak Candelas(cd)	80°
No. of LEDs	21	Order Code	KLED10DL4/WHT-W40
Beam Angle(°)	80		
Colour Temp.(K)	4000		
Lumen(lm)	600		

# 16<sup>(6")</sup><sub>w</sub>

EQU. To 36 W  
SAVE up to £96\*



### 16W

### 40000h

Rated Watt (W)	16	CRI	> 70
Equ. Watt (W)	2X18	Ambient Temp.(°C)	-20~40
Rated Voltage (V)	220-240	Case Temp.(°C)	Max.70
Line Frequency (Hz)	50-60	Peak Candelas(cd)	80°
No. of LEDs	33	Order Code	KLED16DL6/WHT-W40
Beam Angle(°)	80		
Colour Temp.(K)	4000		
Lumen(lm)	900		

# 23<sup>(8")</sup><sub>w</sub>

EQU. To 52 W  
SAVE up to £132\*



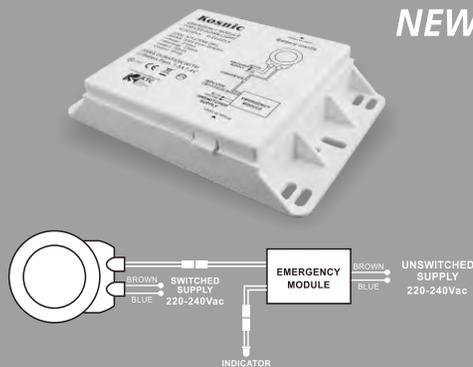
### 23W

### 40000h

Rated Watt (W)	23	CRI	> 70
Equ. Watt (W)	2X26	Ambient Temp.(°C)	-20~40
Rated Voltage (V)	220-240	Case Temp.(°C)	Max.70
Line Frequency (Hz)	50-60	Peak Candelas(cd)	80°
No. of LEDs	40	Order Code	KLED23DL8/WHT-W40
Beam Angle(°)	80		
Colour Temp.(K)	4000		
Lumen(lm)	1250		

### Emergency Module

## Emergency Module for Down Lights



**NEW**

### KTC27EME-DWL

Charge Current	210mA
Discharge Current	270mA
Emergency Conversion Time	1 sec
Emergency Operating Time	3hrs
Battery Charging Time	12hrs
Output Current	150mA
Output Voltage	18Vdc
Battery Type	Li-ion
Battery Capacity	1500mAh
Available for	KLED16DL6 KLED23DL8
Battery Code	KBAT1500

### Standard LED Downlight

# 3X3w

EQU. To 50 W

SAVE up to £123

White Chrome Silver

3X3W (Fixed)		30000h	
Rated Watt (W)	3X3	CRI	>70
Equ. Watt (W)	50	Ambient Temp.(°C)	-20~40
Rated Voltage (V)	220-240	Case Temp.(°C)	Max.70
Line Frequency (Hz)	50-60	Peak Candelas(cd)	30° 1150 <sub>(3000K)</sub> /1400 <sub>(6500K)</sub>
Current	DC 700mA	Order Code	KDL313WTP/S30-WHT KDL313WTP/S65-WHT KDL313WTP/S30-SLV KDL313WTP/S65-SLV KDL313WTP/S30-CHR KDL313WTP/S65-CHR
Beam Angle(°)	30	Lumen(lm)	400lm <sub>(3000K)</sub> , 450lm <sub>(6500K)</sub>
Colour Temp.(K)	3000/6500	IP Rating	54

# 3X3w

EQU. To 50 W

SAVE up to £123

White Chrome Silver

Dimmable

3X3W (Dimmable, Fixed)		30000h	
Rated Watt (W)	3X3	CRI	>70
Equ. Watt (W)	50	Ambient Temp.(°C)	-20~40
Rated Voltage (V)	220-240	Case Temp.(°C)	Max.70
Line Frequency (Hz)	50-60	Peak Candelas(cd)	30° 1150 <sub>(3000K)</sub> /1400 <sub>(6500K)</sub>
Current	DC 700mA	Order Code	KDL313DIM/S30-WHT KDL313DIM/S65-WHT KDL313DIM/S30-SLV KDL313DIM/S65-SLV KDL313DIM/S30-CHR KDL313DIM/S65-CHR
Beam Angle(°)	30	Lumen(lm)	400lm <sub>(3000K)</sub> , 450lm <sub>(6500K)</sub>
Colour Temp.(K)	3000/6500	IP Rating	54

This dimmable lamp is compatible with many dimmer switches but dimming effect may vary depending on the loading and the type of dimmer switch. For the latest list of compatible dimmer switches please contact us.

# 3X3w

EQU. To 50 W

SAVE up to £123

3X3W (Tilt)		30000h	
Rated Watt (W)	3X3	CRI	>70
Equ. Watt (W)	50	Ambient Temp.(°C)	-20~40
Rated Voltage (V)	220-240	Case Temp.(°C)	Max.70
Line Frequency (Hz)	50-60	Peak Candelas(cd)	30° 630 <sub>(3000K)</sub> /680 <sub>(6500K)</sub>
Current	DC 700mA	Order Code	KDL303LED/S30-WHT KDL303LED/S65-WHT KDL303LED/S30-SLV KDL303LED/S65-SLV KDL303LED/S30-CHR KDL303LED/S65-CHR
Beam Angle(°)	30	Lumen(lm)	330lm <sub>(3000K)</sub> , 360lm <sub>(6500K)</sub>
Colour Temp.(K)	3000/6500	IP Rating	54

# 3w

EQU. To 25 W

SAVE up to £66

3W (Tilt)		30000h	
Rated Watt (W)	3	CRI	>70
Equ. Watt (W)	25	Ambient Temp.(°C)	-20~40
Rated Voltage (V)	220-240	Case Temp.(°C)	Max.70
Line Frequency (Hz)	50-60	Peak Candelas(cd)	30° 170 <sub>(3000K)</sub> /210 <sub>(6500K)</sub>
Current	DC 700mA	Order Code	KDL103LED/S30-SLV KDL103LED/S65-SLV
Beam Angle(°)	30	Lumen(lm)	80lm <sub>(3000K)</sub> , 100lm <sub>(6500K)</sub>
Colour Temp.(K)	3000/6500	IP Rating	54



### LED Track Light

Where powerful light is need to illuminate workspace, or retail space, shops and restaurants, look no further than the Kosnic LED Track Light.

The integrated LED luminaire provide a powerful Lumen output of upto 1700 Lumen, and colours are rendered true with a CRI Index above 80RA.

The highly efficient track light is available for one circuit or three circuit tracks.

# 11w

**NEW**

11W		40000h	
Rated Watt (W)	11	CRI	>80
Track Adapter	1 circuit/3 circuit	Ambient Temp.(°C)	-20~40
Rated Voltage (V)	220-240	Case Temp.(°C)	Max.70
Line Frequency (Hz)	50-60	Peak Candelas(cd)	
No. of LEDs	1	36°	1300(3000K)/1400(5000K)
Beam Angle(°)	36	Order Code	
Colour Temp.(K)	3000/5000		KLED11TRK/1HT-S30 KLED11TRK/1HT-S50
Lumen(lm)	800lm(3000K),850lm(5000K)		KLED11TRK/3EU-S30 KLED11TRK/3EU-S50

# 15w

**NEW**

15W		40000h	
Rated Watt (W)	15	CRI	>80
Track Adapter	1 circuit/3 circuit	Ambient Temp.(°C)	-20~40
Rated Voltage (V)	220-240	Case Temp.(°C)	Max.70
Line Frequency (Hz)	50-60	Peak Candelas(cd)	
No. of LEDs	1	36°	1600(3000K)/1700(5000K)
Beam Angle(°)	36	Order Code	
Colour Temp.(K)	3000/5000		KLED15TRK/1HT-S30 KLED15TRK/1HT-S50
Lumen(lm)	1000lm(3000K), 1100lm(5000K)		KLED15TRK/3EU-S30 KLED15TRK/3EU-S50

# 23w

**NEW**

23W		40000h	
Rated Watt (W)	23	CRI	>80
Track Adapter	1 circuit/3 circuit	Ambient Temp.(°C)	-20~40
Rated Voltage (V)	220-240	Case Temp.(°C)	Max.70
Line Frequency (Hz)	50-60	Peak Candelas(cd)	
No. of LEDs	1	36°	2800(3000K)/2900(5000K)
Beam Angle(°)	36	Order Code	
Colour Temp.(K)	3000/5000		KLED23TRK/1HT-S30 KLED23TRK/1HT-S50
Lumen(lm)	1600lm(3000K), 1700lm(5000K)		KLED23TRK/3EU-S30 KLED23TRK/3EU-S50



### LED Flood Light

Powerful IP65-compliant LED Floodlight with integrated LED and driver for direct replacement of energy-hungry tungsten lights.

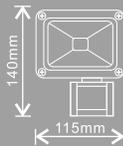
Once in situ, the Kosnic LED Flood Light cuts energy lighting costs by 90% and will last up to 27 times longer than tungsten lamps.

- IP65-compliant, with integrated LED and driver.
- Long life of 40,000 hours.
- Energy savings of up to 90% compared to tungsten floodlights.

PIR Sensor

# 10<sub>w</sub>

EQU. TO 100 W  
SAVE up to £360



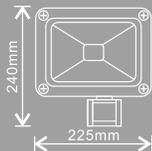
### 10W

### 40000h

Rated Watt (W)	10	CRI	>70
Equ. Watt (W)	100	Ambient Temp.(°C)	-20~40
Rated Voltage (V)	220-240	IP Rating	44
Line Frequency (Hz)	50-60	Case Temp.(°C)	Max.70
No. of LEDs	1	Peak Candelas(cd)	110°
Beam Angle(°)	110		350
Colour Temp.(K)	6000	Order Code	KLED10FLD-PIR-W60
Lumen(lm)	750		
Detection Angle(°)	180		
Detection Distance(m)	10-12 <sub>(24°C)</sub>		
Detection Motion Speed(m/s)	0.5-1.6		

# 30<sub>w</sub>

EQU. TO 300 W  
SAVE up to £1080



### 30W

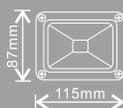
### 40000h

Rated Watt (W)	30	CRI	>70
Equ. Watt (W)	300	Ambient Temp.(°C)	-20~40
Rated Voltage (V)	220-240	IP Rating	44
Line Frequency (Hz)	50-60	Case Temp.(°C)	Max.70
No. of LEDs	1	Peak Candelas(cd)	110°
Beam Angle(°)	110		900
Colour Temp.(K)	6000	Order Code	KLED30FLD-PIR-W60
Lumen(lm)	2400		
Detection Angle(°)	180		
Detection Distance(m)	10-12 <sub>(24°C)</sub>		
Detection Motion Speed(m/s)	0.5-1.6		

Standard

# 10<sub>w</sub>

EQU. TO 100 W  
SAVE up to £360



### 10W

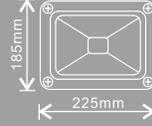
### 40000h

Rated Watt (W)	10	CRI	>70
Equ. Watt (W)	100	Ambient Temp.(°C)	-20~40
Rated Voltage (V)	220-240	IP Rating	65
Line Frequency (Hz)	50-60	Case Temp.(°C)	Max.70
No. of LEDs	1	Peak Candelas(cd)	110°
Beam Angle(°)	110		350
Colour Temp.(K)	6000	Order Code	KLED10FLD-W60
Lumen(lm)	750		

# 30w

EQU. TO  
300  
W

SAVE  
up to  
£1080\*



### 30W

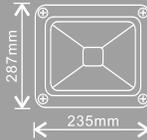
### 40000h

Rated Watt (W)	30	CRI	>70
Equ. Watt (W)	300	Ambient Temp.(°C)	-20~40
Rated Voltage (V)	220-240	IP Rating	65
Line Frequency (Hz)	50-60	Case Temp.(°C)	Max.70
No. of LEDs	1	Peak Candelas(cd)	110°
Beam Angle(°)	110		900
Colour Temp.(K)	6000	Order Code	KLED30FLD-W60
Lumen(lm)	2400		

# 50w

EQU. TO  
400  
W

SAVE  
up to  
£1400\*



### 50W

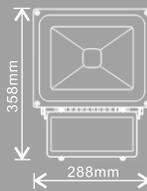
### 40000h

Rated Watt (W)	50	CRI	>70
Equ. Watt (W)	400	Ambient Temp.(°C)	-20~40
Rated Voltage (V)	220-240	IP Rating	65
Line Frequency (Hz)	50-60	Case Temp.(°C)	Max.70
No. of LEDs	1	Peak Candelas(cd)	110°
Beam Angle(°)	110		1400
Colour Temp.(K)	6000	Order Code	KLED50FLD-W60
Lumen(lm)	4000		

# 80w

EQU. TO  
700  
W

SAVE  
up to  
£2480\*



### 80W

### 40000h

Rated Watt (W)	80	CRI	>70
Equ. Watt (W)	700	Ambient Temp.(°C)	-20~40
Rated Voltage (V)	220-240	IP Rating	65
Line Frequency (Hz)	50-60	Case Temp.(°C)	Max.70
No. of LEDs	1	Peak Candelas(cd)	80°
Beam Angle(°)	80		3200
Colour Temp.(K)	6000	Order Code	KLED80FLD-W60
Lumen(lm)	6000		



### Ceramic Metal Halide

Creating the correct ambience for customers can increase a retail store's traffic and appeal, leading to more sales and profits. Having the best possible lighting solutions in a shop will not only have a direct impact on buying behaviors but also attract new customers.

Kosnic's ceramic metal halide lamps are ideal for retail and commercial applications. The lamps provide a superior HID solution because their light does not deteriorate like conventional Ceramic Metal Halide products. They also last up to 25% longer than conventional HID products and emit a warm light with excellent CRI.

- Consistent, brilliant light with superior colour performance.
- Warm, 2700K CCT, and Up to 90 CRI.
- Excellent efficacy up to 118 Lumen/Watt.
- Lasts 25% longer than conventional ceramic lamps.
- Electronic ballasts only.

### G8.5

# 35<sub>w</sub>

LUMEN  
up to  
3400  
lm

CRI  
> 90  
Ra



### 35W

### 15000h

Rated Watt (W)	35	Typical Hot Restart Time (min)	<3
Lumen(lm)	3400/3300	Mercury Content (mg)	2.8
Lumen per Watt	97/94	Burning Position	Universal
Operating Voltage (V)	90	Bulb Designation	T4.5
Operating Current (A)	0.5	Max. Base Temp.(°C)	300
Lamp Base	G8,5	Max. Bulb Temp.(°C)	500
Colour Temp.(K)	3000/4200	Order Code	KMH35CMP/G8.5-830 KMH35CMP/G8.5-942
CRI	> 80 <sub>(3000K)</sub> / > 90 <sub>(4200K)</sub>		
Typical Warm Up Time (min)	1-2		

# 70<sub>w</sub>

LUMEN  
up to  
7000  
lm

CRI  
> 90  
Ra



### 70W

### 15000h

Rated Watt (W)	70	Typical Hot Restart Time (min)	<3
Lumen(lm)	7000/6600	Mercury Content (mg)	2.8
Lumen per Watt	100/94	Burning Position	Universal
Operating Voltage (V)	90	Bulb Designation	T4.5
Operating Current (A)	0.98	Max. Base Temp.(°C)	300
Lamp Base	G8.5	Max. Bulb Temp.(°C)	500
Colour Temp.(K)	3000/4200	Order Code	KMH70CMP/G8.5-830 KMH70CMP/G8.5-942
CRI	> 80 <sub>(3000K)</sub> / > 90 <sub>(4200K)</sub>		
Typical Warm Up Time (min)	1-2		

### G12

# 35<sub>w</sub>

LUMEN  
up to  
3400  
lm

CRI  
> 90  
Ra



### 35W

### 15000h

Rated Watt (W)	35	Typical Hot Restart Time (min)	<3
Lumen(lm)	3400/3300	Mercury Content (mg)	2.8
Lumen per Watt	97/94	Burning Position	Universal
Operating Voltage (V)	90	Bulb Designation	T4.5
Operating Current (A)	0.5	Max. Base Temp.(°C)	300
Lamp Base	G12	Max. Bulb Temp.(°C)	500
Colour Temp.(K)	3000/4200	Order Code	KMH35CMP/G12-830 KMH35CMP/G12-942
CRI	> 80 <sub>(3000K)</sub> / > 90 <sub>(4200K)</sub>		
Typical Warm Up Time (min)	1-2		

# 70<sub>w</sub>

LUMEN  
up to  
7000  
lm

CRI  
> 90  
Ra



### 70W

### 15000h

Rated Watt (W)	70	Typical Hot Restart Time (min)	<3
Lumen(lm)	7000/6600	Mercury Content (mg)	2.8
Lumen per Watt	100/94	Burning Position	Universal
Operating Voltage (V)	90	Bulb Designation	T4.5
Operating Current (A)	0.98	Max. Base Temp.(°C)	300
Lamp Base	G12	Max. Bulb Temp.(°C)	500
Colour Temp.(K)	3000/4200	Order Code	KMH70CMP/G12-830 KMH70CMP/G12-942
CRI	> 80 <sub>(3000K)</sub> / > 90 <sub>(4200K)</sub>		
Typical Warm Up Time (min)	1-2		



## Spiral

Kosnic's CFL Spiral lamps have a unique helix structure which allows the fluorescent tube to be twisted in to a very compact size, giving enhanced lumen efficiency.

Our Spirals are ideal for general lighting applications, replacing incandescent lamps in demanding domestic and professional settings.

- A long life of upto 10,000 hours.
- Very compact Helix shape.
- Fast start.
- Energy savings of up to 80% compared to incandescent lamps.
- Free of liquid mercury, minimises environmental impact by employing amalgam.

### Dimmable

# 20<sub>w</sub>

LIFE 10000 h  
LUMEN 1200 lm



### 20W

10000h

Rated Watt (W)	20	CRI	>80
Rated Voltage (V)	220-240	Ambient Temp.(°C)	-20~40
Line Frequency (Hz)	50-60	Order Code	DIM20HSP/B22-827 DIM20HSP/E27-827 DIM20HSP/B22-865 DIM20HSP/E27-865
Lamp Base	B22/E27		
Start Time(s)	0.6		
Time to 60% Output(s)	20(40)**		
Colour Temp.(K)	2700/6500		
Lumen(lm)	1200		

This dimmable lamp is compatible with many dimmer switches but dimming effect may vary depending on the loading and the type of dimmer switch.

### Extra Mini

# 5<sub>w</sub>

LIFE 10000 h  
LUMEN 250 lm



### 5W

10000h

Rated Watt (W)	5	CRI	>80
Rated Voltage (V)	220-240	Ambient Temp.( °C)	-20~40
Line Frequency (Hz)	50-60	Order Code	KCF05SP3/B22-827 KCF05SP3/E27-827 KCF05SP3/B15-827 KCF05SP3/E14-827
Lamp Base	B22/B15/E27/E14		
Start Time(s)	0.6		
Time to 60% Output(s)	20(40)**		
Colour Temp.(K)	2700		
Lumen(lm)	250		

# 7<sub>w</sub>

LIFE 10000 h  
LUMEN 350 lm



### 7W

10000h

Rated Watt (W)	7	CRI	>80
Rated Voltage (V)	220-240	Ambient Temp.(°C)	-20~40
Line Frequency (Hz)	50-60	Order Code	KCF07SP3/B22-827 KCF07SP3/E27-827 KCF07SP3/B22-840 KCF07SP3/E27-840 KCF07SP3/B22-865 KCF07SP3/E27-865 KCF07SP3/B15-827 KCF07SP3/E14-827 KCF07SP3/E14-840 KCF07SP3/E14-865
Lamp Base	B22/B15/E27/E14		
Start Time	0.6s		
Time to 60% Output	20s(40s)**		
Colour Temp.(K)	2700/4000/6500		
Lumen(lm)	350		

\*Average saving on electricity cost over the life time of the lamp based on £0.1 (€0.12) per unit (KWh).

\*\*The Warm-up time that is defined as time of 60% full light output is presented in the format: Typical Time (Maximum Time)

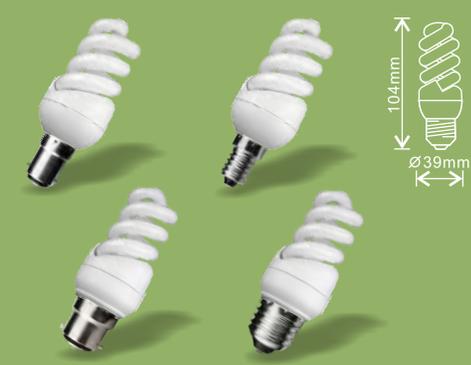
## 9w

LIFE

10000  
h

LUMEN

480  
lm



9W		10000h	
Rated Watt (W)	9	CRI	>80
Rated Voltage (V)	220-240	Ambient Temp.(°C)	-20~40
Line Frequency (Hz)	50-60	Order Code	
Lamp Base	B22/B15/E27/E14	KCF09SP3/B22-827	KCF09SP3/E27-827
Start Time(s)	0.6	KCF09SP3/B22-840	KCF09SP3/E27-840
Time to 60% Output(s)	20(40)**	KCF09SP3/B22-865	KCF09SP3/E27-865
Colour Temp.(K)	2700/4000/6500	KCF09SP3/B15-827	KCF09SP3/E14-827
Lumen(lm)	480	KCF09SP3/E14-840	KCF09SP3/E14-865

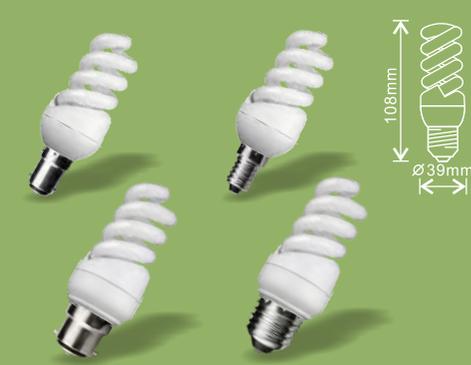
## 11w

LIFE

10000  
h

LUMEN

600  
lm



11W		10000h	
Rated Watt (W)	11	CRI	>80
Rated Voltage (V)	220-240	Ambient Temp.(°C)	-20~40
Line Frequency (Hz)	50-60	Order Code	
Lamp Base	B22/B15/E27/E14	KCF11SP3/B22-827	KCF11SP3/E27-827
Start Time(s)	0.6	KCF11SP3/B22-840	KCF11SP3/E27-840
Time to 60% Output(s)	20(40)**	KCF11SP3/B22-865	KCF11SP3/E27-865
Colour Temp.(K)	2700/4000/6500	KCF11SP3/B15-827	KCF11SP3/E14-827
Lumen(lm)	600	KCF11SP3/E14-840	KCF11SP3/E14-865

## Quick Start

## 9w

LIFE

8000  
h

LUMEN

480  
lm



9W		8000h	
Rated Watt (W)	9	CRI	>80
Rated Voltage (V)	220-240	Ambient Temp.(°C)	-20~40
Line Frequency (Hz)	50-60	Order Code	
Lamp Base	B22/E27	ECO09SP2/B22-827	ECO09SP2/E27-827
Start Time(s)	0.2		
Time to 60% Output(s)	20(40)**		
Colour Temp.(K)	2700		
Lumen(lm)	480		

## 11w

LIFE

8000  
h

LUMEN

600  
lm



11W		8000h	
Rated Watt (W)	11	CRI	>80
Rated Voltage (V)	220-240	Ambient Temp.(°C)	-20~40
Line Frequency (Hz)	50-60	Order Code	
Lamp Base	B22/E27	ECO11SP2/B22-827	ECO11SP2/E27-827
Start Time(s)	0.2	ECO11SP2/B22-840	ECO11SP2/E27-840
Time to 60% Output(s)	20(40)**	ECO11SP2/B22-865	ECO11SP2/E27-865
Colour Temp.(K)	2700/4000/6500		
Lumen(lm)	600		

\*Average saving on electricity cost over the life time of the lamp based on £0.1 (€0.12) per unit (KWh).

\*\*The Warm-up time that is defined as time of 60% full light output is presented in the format: Typical Time (Maximum Time)

# 15<sub>w</sub>

LIFE

8000

h

LUMEN

825

lm





113mm

∅49mm

15W		8000h	
Rated Watt (W)	15	CRI	>80
Rated Voltage (V)	220-240	Ambient Temp.(°C)	-20~40
Line Frequency (Hz)	50-60	Order Code	
Lamp Base	B22/E27	ECO15SP2/B22-827	ECO15SP2/E27-827
Start Time(s)	0.2	ECO15SP2/B22-840	ECO15SP2/E27-840
Time to 60% Output(s)	20 (40)**	ECO15SP2/B22-865	ECO15SP2/E27-865
Colour Temp.(K)	2700/4000/6500		
Lumen(lm)	825		

# 18<sub>w</sub>

LIFE

8000

h

LUMEN

1050

lm





119mm

∅49mm

18W		8000h	
Rated Watt (W)	18	CRI	>80
Rated Voltage (V)	220-240	Ambient Temp.(°C)	-20~40
Line Frequency (Hz)	50-60	Order Code	
Lamp Base	B22/E27	ECO18SP2/B22-827	ECO18SP2/E27-827
Start Time(s)	0.2	ECO18SP2/B22-840	ECO18SP2/E27-840
Time to 60% Output(s)	20(40)**	ECO18SP2/B22-865	ECO18SP2/E27-865
Colour Temp.(K)	2700/4000/6500		
Lumen(lm)	1050		

# 20<sub>w</sub>

LIFE

8000

h

LUMEN

1200

lm





123mm

∅49mm

20W		8000h	
Rated Watt (W)	20	CRI	>80
Rated Voltage (V)	220-240	Ambient Temp.(°C)	-20~40
Line Frequency (Hz)	50-60	Order Code	
Lamp Base	B22/E27	ECO20SP2/B22-827	ECO20SP2/E27-827
Start Time(s)	0.2	ECO20SP2/B22-840	ECO20SP2/E27-840
Time to 60% Output(s)	20(40)**	ECO20SP2/B22-865	ECO20SP2/E27-865
Colour Temp.(K)	2700/4000/6500		
Lumen(lm)	1200		

# 24<sub>w</sub>

LIFE

8000

h

LUMEN

1500

lm





141mm

∅60mm

24W		8000h	
Rated Watt (W)	24	CRI	>80
Rated Voltage (V)	220-240	Ambient Temp.(°C)	-20~40
Line Frequency (Hz)	50-60	Order Code	
Lamp Base	B22/E27	ECO24SP1/B22-827	ECO24SP1/E27-827
Start Time(s)	0.2	ECO24SP1/B22-840	ECO24SP1/E27-840
Time to 60% Output(s)	20(40)**	ECO24SP1/B22-865	ECO24SP1/E27-865
Colour Temp.(K)	2700/4000/6500		
Lumen(lm)	1500		

\*Average saving on electricity cost over the life time of the lamp based on £0.1 (€0.12) per unit (KWh).

\*\*The Warm-up time that is defined as time of 60% full light output is presented in the format: Typical Time (Maximum Time)

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## On Site

# 11w

LIFE 8000 h  
LUMEN 600 lm



## 11W

## 8000h

Rated Watt (W)	11	CRI	>80
Rated Voltage (V)	110	Ambient Temp.(°C)	-20~40
Lamp Base	B22/E27	Order Code	SIT11SP2/B22-827 SIT11SP2/E27-827
Start Time(s)	0.6		
Time to 60% Output(s)	20(40)**		
Colour Temp.(K)	2700		
Lumen(lm)	600		

# 15w

LIFE 8000 h  
LUMEN 825 lm



## 15W

## 8000h

Rated Watt (W)	15	CRI	>80
Rated Voltage (V)	110	Ambient Temp.(°C)	-20~40
Lamp Base	B22/E27	Order Code	SIT15SP2/B22-827 SIT15SP2/E27-827
Start Time(s)	0.6		
Time to 60% Output(s)	20(40)**		
Colour Temp.(K)	2700		
Lumen(lm)	825		

# 20w

LIFE 8000 h  
LUMEN 1200 lm



## 20W

## 8000h

Rated Watt (W)	20	CRI	>80
Rated Voltage (V)	110	Ambient Temp.(°C)	-20~40
Lamp Base	B22/E27	Order Code	SIT20SP2/B22-827 SIT20SP2/E27-827
Start Time(s)	0.6		
Time to 60% Output(s)	20s(40)**		
Colour Temp.(K)	2700		
Lumen(lm)	1200		

## Ecolight

# 11w

LIFE 8000 h  
LUMEN 550 lm



## 11W

## 8000h

Rated Watt (W)	11	CRI	>80
Rated Voltage (V)	220-240	Ambient Temp.(°C)	-20~40
Line Frequency (Hz)	50-60	Order Code	ECO11ST2/B22-827 ECO11ST2/E27-827
Lamp Base	B22/E27		
Start Time(s)	0.2		
Time to 60% Output(s)	20(40)**		
Colour Temp.(K)	2700		
Lumen(lm)	550		

\*Average saving on electricity cost over the life time of the lamp based on £0.1 (€0.12) per unit (KWh).

\*\*The Warm-up time that is defined as time of 60% full light output is presented in the format: Typical Time (Maximum Time)



20W		8000h	
Rated Watt (W)	20	CRI	>80
Rated Voltage (V)	220-240	Ambient Temp.(°C)	-20~40
Line Frequency (Hz)	50-60	Order Code	ECO20ST3/B22-827    ECO20ST3/E27-827
Lamp Base	B22/E27		
Start Time(s)	0.2		
Time to 60% Output(s)	20(40)**		
Colour Temp.(K)	2700		
Lumen(lm)	1200		

## Brite



45W		10000h	
Rated Watt (W)	45	CRI	>80
Rated Voltage (V)	220-240	Ambient Temp.(°C)	-20~40
Line Frequency (Hz)	50-60	Order Code	KCF45BRT1/E27-827    KCF45BRT1/E27-865
Lamp Base	E27		
Start Time(s)	0.6		
Time to 60% Output(s)	20(40)**		
Colour Temp.(K)	2700/6500		
Lumen(lm)	3100		

\*Average saving on electricity cost over the life time of the lamp based on £0.1 (€0.12) per unit (KWh).

\*\*The Warm-up time that is defined as time of 60% full light output is presented in the format: Typical Time (Maximum Time)



## Decor

Kosnic's CFL Decor lamps have opal glass covers to meet customer demand for low-energy products that retain the appearance of traditional incandescent lamps.

These are ideal for use in hospitality, office and large domestic settings.

- A long life of upto 8,000 hours.
- Fast start.
- Suited to decorative and free-burning situations.
- Energy savings of up to 80% compared to incandescent lamps.
- Free of liquid mercury, minimises environmental impact by employing amalgam.

GLS

# 9w

LIFE

8000

h

LUMEN

410

lm

9W		8000h	
Rated Watt (W)	9	CRI	>80
Rated Voltage (V)	220-240	Ambient Temp.(°C)	-20~40
Line Frequency (Hz)	50-60	Order Code	
Lamp Base	B22/E27	KCF09GLS/B22-827	KCF09GLS/E27-827
Start Time(s)	0.6		
Time to 60% Output(s)	40(60)**		
Colour Temp.(K)	2700		
Lumen(lm)	410		

# 11w

LIFE

8000

h

LUMEN

550

lm

11W		8000h	
Rated Watt (W)	11	CRI	>80
Rated Voltage (V)	220-240	Ambient Temp.(°C)	-20~40
Line Frequency (Hz)	50-60	Order Code	
Lamp Base	B22/E27	KCF11GLS/B22-827	KCF11GLS/E27-827
Start Time(s)	0.6		
Time to 60% Output(s)	40(60)**		
Colour Temp.(K)	2700		
Lumen(lm)	550		

# 15w

LIFE

8000

h

LUMEN

800

lm

15W		8000h	
Rated Watt (W)	15	CRI	>80
Rated Voltage (V)	220-240	Ambient Temp.(°C)	-20~40
Line Frequency (Hz)	50-60	Order Code	
Lamp Base	B22/E27	KCF15GLS/B22-827	KCF15GLS/E27-827
Start Time(s)	0.6		
Time to 60% Output(s)	40(60)**		
Colour Temp.(K)	2700		
Lumen(lm)	800		

\*Average saving on electricity cost over the life time of the lamp based on £0.1 (€0.12) per unit (kWh).

\*\*The Warm-up time that is defined as time of 60% full light output is presented in the format: Typical Time (Maximum Time)

## 20<sub>w</sub>

LIFE

8000  
h

LUMEN

1100  
lm



20W	8000h		
Rated Watt (W)	20	CRI	>80
Rated Voltage (V)	220-240	Ambient Temp.(°C)	-20~40
Line Frequency (Hz)	50-60	Order Code	
Lamp Base	B22/E27	KCF20GLS/B22-827	KCF20GLS/E27-827
Start Time(s)	0.6		
Time to 60% Output(s)	40(60)**		
Colour Temp.(K)	2700		
Lumen(lm)	1100		

## 20<sub>w</sub>

LIFE

8000  
h

LUMEN

1100  
lm



20W	8000h		
Rated Watt (W)	20	CRI	>80
Rated Voltage (V)	220-240	Ambient Temp.(°C)	-20~40
Line Frequency (Hz)	50-60	Order Code	
Lamp Base	B22/E27	KCF20GLB/B22-827	KCF20GLB/E27-827
Start Time(s)	0.6	KCF20GLB/B22-865	KCF20GLB/E27-865
Time to 60% Output(s)	40(60)**		
Colour Temp.(K)	2700/6500		
Lumen(lm)	1100		

## Golf

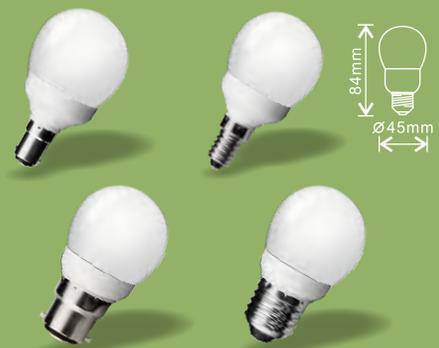
## 7<sub>w</sub>

LIFE

8000  
h

LUMEN

290  
lm



7W	8000h		
Rated Watt (W)	7	CRI	>80
Rated Voltage (V)	220-240	Ambient Temp.(°C)	-20~40
Line Frequency (Hz)	50-60	Order Code	
Lamp Base	B22/B15/E27/E14	KCF07GLF/B22-827	KCF07GLF/E27-827
Start Time(s)	0.6	KCF07GLF/B15-827	KCF07GLF/E14-827
Time to 60% Output(s)	40(60)**		
Colour Temp.(K)	2700		
Lumen(lm)	290		

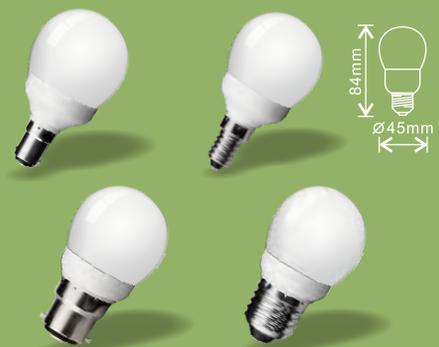
## 9<sub>w</sub>

LIFE

8000  
h

LUMEN

410  
lm



9W	8000h		
Rated Watt (W)	9	CRI	>80
Rated Voltage (V)	220-240	Ambient Temp.(°C)	-20~40
Line Frequency (Hz)	50-60	Order Code	
Lamp Base	B22/B15/E27/E14	KCF09GLF/B22-827	KCF09GLF/E27-827
Start Time(s)	0.6	KCF09GLF/B15-827	KCF09GLF/E14-827
Time to 60% Output(s)	40(60)**		
Colour Temp.(K)	2700		
Lumen(lm)	410		

\*Average saving on electricity cost over the life time of the lamp based on £0.1 (€0.12) per unit (KWh).

\*\*The Warm-up time that is defined as time of 60% full light output is presented in the format: Typical Time (Maximum Time)

## Dimmable

# 6w

LIFE

20000 h

LUMEN

230 lm

Dimmable



6W		20000h	
Rated Watt (W)	6	CRI	>80
Rated Voltage (V)	220-240	Ambient Temp.(°C)	-20~40
Line Frequency (Hz)	50-60	Order Code	
Lamp Base	B22/E27/E14		DIM06CND/B22-827 DIM06CND/E14-827 DIM06CND/E27-827
Start Time(s)	0.6	This dimmable lamp is compatible with many dimmer switches but dimming effect may vary depending on the loading and the type of dimmer switch.	
Time to 60% Output(s)	40(60)**		
Colour Temp.(K)	2700		
Lumen(lm)	230		

## Candle

# 5w

LIFE

8000 h

LUMEN

180 lm



5W		8000h	
Rated Watt (W)	5	CRI	>80
Rated Voltage (V)	220-240	Ambient Temp.(°C)	-20~40
Line Frequency (Hz)	50-60	Order Code	
Lamp Base	B22/B15/E27/E14		KCF05CND/B22-827 KCF05CND/E27-827 KCF05CND/B15-827 KCF05CND/E14-827
Start Time(s)	0.6	This dimmable lamp is compatible with many dimmer switches but dimming effect may vary depending on the loading and the type of dimmer switch.	
Time to 60% Output(s)	40(60)**		
Colour Temp.(K)	2700		
Lumen(lm)	180		

# 7w

LIFE

8000 h

LUMEN

290 lm



7W		8000h	
Rated Watt (W)	7	CRI	>80
Rated Voltage (V)	220-240	Ambient Temp.(°C)	-20~40
Line Frequency (Hz)	50-60	Order Code	
Lamp Base	B22/B15/E27/E14		KCF07CND/B22-827 KCF07CND/E27-827 KCF07CND/B15-827 KCF07CND/E14-827
Start Time(s)	0.6	This dimmable lamp is compatible with many dimmer switches but dimming effect may vary depending on the loading and the type of dimmer switch.	
Time to 60% Output(s)	40(60)**		
Colour Temp.(K)	2700		
Lumen(lm)	290		

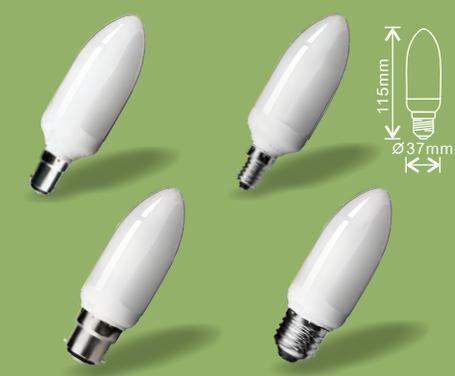
# 9w

LIFE

8000 h

LUMEN

410 lm



9W		8000h	
Rated Watt (W)	9	CRI	>80
Rated Voltage (V)	220-240	Ambient Temp.(°C)	-20~40
Line Frequency (Hz)	50-60	Order Code	
Lamp Base	B22/B15/E27/E14		KCF09CND/B22-827 KCF09CND/E27-827 KCF09CND/B15-827 KCF09CND/E14-827
Start Time(s)	0.6	This dimmable lamp is compatible with many dimmer switches but dimming effect may vary depending on the loading and the type of dimmer switch.	
Time to 60% Output(s)	40(60)**		
Colour Temp.(K)	2700		
Lumen(lm)	410		

\*Average saving on electricity cost over the life time of the lamp based on £0.1 (€0.12) per unit (kWh).

\*\*The Warm-up time that is defined as time of 60% full light output is presented in the format: Typical Time (Maximum Time)

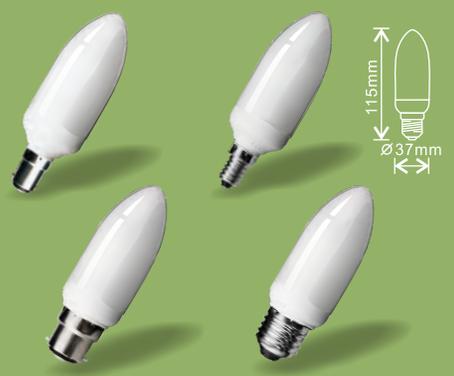
# 11w

LIFE

8000 h

LUMEN

550 lm



11W		8000h	
Rated Watt (W)	11	CRI	>80
Rated Voltage (V)	220-240	Ambient Temp.(°C)	-20~40
Line Frequency (Hz)	50-60	Order Code	
Lamp Base	B22/B15/E27/E14	KCF11CND/B22-827	KCF11CND/E27-827
Start Time(s)	0.6	KCF11CND/B15-827	KCF11CND/E14-827
Time to 60% Output(s)	40(60)**		
Colour Temp.(K)	2700		
Lumen(lm)	550		

# 8w

LIFE

8000 h

LUMEN

380 lm



8W (Bent-tip, Silicon)		8000h	
Rated Watt (W)	8	CRI	>80
Shape	Bent-tip	Ambient Temp.(°C)	-20~40
Cover	Silicon coating	Order Code	
Rated Voltage (V)	220-240	SCL08BTP/B22-827	SCL08BTP/E27-827
Line Frequency (Hz)	50-60	SCL08BTP/B15-827	SCL08BTP/E14-827
Lamp Base	B22/B15/E27/E14		
Start Time(s)	0.6		
Time to 60% Output(s)	40(60)**		
Colour Temp.(K)	2700		
Lumen(lm)	380		

## Reflectors

# 7w

EQU. To

40w

SAVE up to

£26\*



7W		8000h	
Rated Watt (W)	7	CRI	>80
Equ. Watt (W)	40	Ambient Temp.(°C)	-20~40
Rated Voltage (V)	220-240	Order Code	KCF07R50/E14-827
Line Frequency (Hz)	50-60		
Lamp Base	E14		
Angle(°)	110		
Start Time(s)	0.6		
Time to 60% Output(s)	40(60)**		
Colour Temp.(K)	2700		
Lumen(lm)	140		

# 9w

EQU. To

40w

SAVE up to

£25\*



9W		8000h	
Rated Watt (W)	9	CRI	>80
Equ. Watt (W)	40	Ambient Temp.(°C)	-20~40
Rated Voltage (V)	220-240	Order Code	KCF09R63/E27-827
Line Frequency (Hz)	50-60		
Lamp Base	E27		
Angle(°)	110		
Start Time(s)	0.6		
Time to 60% Output(s)	40(60)**		
Colour Temp.(K)	2700		
Lumen(lm)	210		

\*Average saving on electricity cost over the life time of the lamp based on £0.1 (€0.12) per unit (KWh).

\*\*The Warm-up time that is defined as time of 60% full light output is presented in the formate: Typical Time (Maximum Time)

11w

EQU. To 60 W  
SAVE up to £39\*



11W

8000h

Rated Watt (W)	11	CRI	>80
Equ. Watt (W)	60	Ambient Temp.(°C)	-20~40
Rated Voltage (V)	220-240	Order Code	KCF11R63/E27-827
Line Frequency (Hz)	50-60		
Lamp Base	E27		
Angle(°)	110		
Start Time(s)	0.6		
Time to 60% Output(s)	40(60)**		
Colour Temp.(K)	2700		
Lumen(lm)	300		

15w

EQU. To 75 W  
SAVE up to £60\*



15W

8000h

Rated Watt (W)	15	CRI	>80
Equ. Watt (W)	75	Ambient Temp.(°C)	-20~40
Rated Voltage (V)	220-240	Order Code	KCF15R80/E27-827
Line Frequency (Hz)	50-60		
Lamp Base	E27		
Angle(°)	110		
Start Time(s)	0.6		
Time to 60% Output(s)	40(60)**		
Colour Temp.(K)	2700		
Lumen(lm)	570		

\*Average saving on electricity cost over the life time of the lamp based on £0.1 (€0.12) per unit (kWh).

\*\*The Warm-up time that is defined as time of 60% full light output is presented in the format: Typical Time (Maximum Time)



## Shine

Kosnic's Shine range provides direct low-energy replacements for common halogen lamps, including the GU10, PAR30 and PAR38.

Target applications include hospitality and retail environments - or wherever ageing halogen reflector lamps are found.

- A long life of up to 8,000 hours.
- Fast retro-fit.
- Outstanding light quality.
- Aluminium body provides excellent heat dissipation to promote longer life and cool operation.
- Energy savings of up to 80% compared to incandescent lamps.
- Free of liquid mercury, minimises environmental impact by employing amalgam.

GU10

# 7w

EQU. To 30W  
SAVE up to £23\*



## 7W

## 10000h

Rated Watt (W)	7	CRI	>80
Equ. Watt (W)	30	Ambient Temp.(°C)	-20~40
Rated Voltage (V)	220-240	Order Code	
Line Frequency (Hz)	50-60	KCF07ALU/GU10-830	KCF07ALU/GU10-840
Lamp Base	GU10	KCF07ALU/GU10-865	
Angle(°)	110		
Start Time(s)	0.6		
Time to 60% Output(s)	40(60)**		
Colour Temp.(K)	3000/4000/6500		
Lumen(lm)	140		

# 9w

EQU. To 40W  
SAVE up to £31\*



## 9W

## 10000h

Rated Watt (W)	9	CRI	>80
Equ. Watt (W)	40	Ambient Temp.(°C)	-20~40
Rated Voltage (V)	220-240	Order Code	
Line Frequency (Hz)	50-60	KCF09ALU/GU10-830	KCF09ALU/GU10-840
Lamp Base	GU10	KCF09ALU/GU10-865	
Angle(°)	110		
Start Time(s)	0.6		
Time to 60% Output(s)	40(60)**		
Colour Temp.(K)	3000/4000/6500		
Lumen(lm)	210		

# 11w

EQU. To 50W  
SAVE up to £39\*



## 11W

## 10000h

Rated Watt (W)	11	CRI	>80
Equ. Watt (W)	50	Ambient Temp.(°C)	-20~40
Rated Voltage (V)	220-240	Order Code	
Line Frequency (Hz)	50-60	KCF11ALU/GU10-830	KCF11ALU/GU10-840
Lamp Base	GU10	KCF11ALU/GU10-865	
Angle(°)	110		
Start Time(s)	0.6		
Time to 60% Output(s)	40(60)**		
Colour Temp.(K)	3000/4000/6500		
Lumen(lm)	300		

\*Average saving on electricity cost over the life time of the lamp based on £0.1 (€0.12) per unit (KWh).

\*\*The Warm-up time that is defined as time of 60% full light output is presented in the format: Typical Time (Maximum Time)

## PAR

# 15<sub>w</sub>

EQU. TO 75<sub>w</sub>    SAVE up to £48\*



### 15W

### 8000h

Rated Watt (W)	15	CRI	>80
Equ. Watt (W)	75	Ambient Temp.(°C)	-20~40
Rated Voltage (V)	220-240	Order Code	
Line Frequency (Hz)	50-60	KCF15P30/E27-830	KCF15P30/E27-865
Lamp Base	E27		
Angle(°)	110		
Start Time(s)	0.6		
Time to 60% Output(s)	40(60)**		
Colour Temp.(K)	3000/6500		
Lumen(lm)	600		

# 20<sub>w</sub>

EQU. TO 100<sub>w</sub>    SAVE up to £64\*



### 20W

### 8000h

Rated Watt (W)	20	CRI	>80
Equ. Watt (W)	100	Ambient Temp.(°C)	-20~40
Rated Voltage (V)	220-240	Order Code	
Line Frequency (Hz)	50-60	KCF20P38/E27-830	KCF20P38/E27-865
Lamp Base	E27		
Angle(°)	110		
Start Time(s)	0.6		
Time to 60% Output(s)	40(60)**		
Colour Temp.(K)	3000/6500		
Lumen(lm)	800		

## G9

# 7<sub>w</sub>

LIFE 10000<sub>h</sub>    LUMEN 340<sub>lm</sub>



### 7W

### 10000h

Rated Watt (W)	7	CRI	>80
Rated Voltage (V)	220-240	Ambient Temp.(°C)	-20~40
Line Frequency (Hz)	50-60	Order Code	
Lamp Base	G9	KCF07G9-830	KCF07G9-865
Start Time(s)	0.6		
Time to 60% Output(s)	20(40)**		
Colour Temp.(K)	3000/6500		
Lumen(lm)	340		

\*Average saving on electricity cost over the life time of the lamp based on £0.1 (€0.12) per unit (KWh).

\*\*The Warm-up time that is defined as time of 60% full light output is presented in the format: Typical Time (Maximum Time)



## EXUN

A comprehensive range of Plug-in compact fluorescent lamps with premium specifications. These lamps deliver a high lumen to watt ratio and are extremely durable.

Designed for use in commercial and industrial settings, such as offices, warehouses and supermarkets.

- A long life of upto 12,000 hours.
- High lumen efficiency of upto 85 Lumen/Watt.
- Robust and with a long service life.
- Immediate energy savings.
- Free of liquid mercury, minimises environmental impact by employing amalgam.

DD

# 16<sub>w</sub>



### 16W

### 12000h

Rated Watt (W)	16	CRI	>80
Lamp Base	2pin(GR8),4pin(GR10q)	Ambient Temp.(°C)	-20~40
Colour Temp.(K)	2700/3500/4000/6500	Order Code	KFT16STD/2p-827 KFT16STD/2p-835 KFT16STD/2p-840 KFT16STD/2p-865
Lumen(lm)	1050		KFT16STD/4p-827 KFT16STD/4p-835 KFT16STD/4p-865

# 21<sub>w</sub>

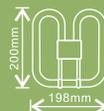


### 21W

### 12000h

Rated Watt (W)	21	CRI	>80
Lamp Base	4pin(GR10q)	Ambient Temp.(°C)	-20~40
Colour Temp.(K)	3500	Order Code	KFT21STD/4p-835
Lumen(lm)	1350		

# 28<sub>w</sub>



### 28W

### 12000h

Rated Watt (W)	28	CRI	>80
Lamp Base	2pin(GR8),4pin(GR10q)	Ambient Temp.(°C)	-20~40
Colour Temp.(K)	2700/3500/4000/6500	Order Code	KFT28STD/2p-827 KFT28STD/2p-835 KFT28STD/2p-865
Lumen(lm)	2050		KFT28STD/4p-827 KFT28STD/4p-835 KFT28STD/4p-840 KFT28STD/4p-865

38<sub>w</sub>

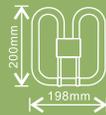


38W

12000h

Rated Watt (W)	38	CRI	>80
Lamp Base	4pin(GR10q)	Ambient Temp.(°C)	-20~40
Colour Temp.(K)	2700/3500/4000	Order Code	KFT38STD/4p-827 KFT38STD/4p-835
Lumen(lm)	2850		

55<sub>w</sub>



55W

12000h

Rated Watt (W)	55	CRI	>80
Lamp Base	4pin(GR10q)	Ambient Temp.(°C)	-20~40
Colour Temp.(K)	2700/3500/4000	Order Code	KFT55STD/4p-827 KFT55STD/4p-835
Lumen(lm)	3900		

T5C

22<sub>w</sub>



22W

15000h

Rated Watt (W)	22	CRI	>80
Lamp Base	4pin(2GX13)	Ambient Temp.(°C)	-20~40
Colour Temp.(K)	4000	Order Code	KFT22STC/4p-840
Lumen(lm)	1900		

40<sub>w</sub>



40W

15000h

Rated Watt (W)	22	CRI	>80
Lamp Base	4pin(2GX13)	Ambient Temp.(°C)	-20~40
Colour Temp.(K)	4000	Order Code	KFT40STC/4p-840
Lumen(lm)	3400		

55<sub>w</sub>



55W

15000h

Rated Watt (W)	55	CRI	>80
Lamp Base	4pin(2GX13)	Ambient Temp.(°C)	-20~40
Colour Temp.(K)	4000	Order Code	KFT55STC/4P-840
Lumen(lm)	4300		

S/D

7<sub>w</sub>



7W

10000h

Rated Watt (W)	7	CRI	>80
Lamp Base	2pin(G23)	Ambient Temp.(°C)	-20~40
Colour Temp.(K)	4000/6000	Order Code	KFT07ST1/2P-840    KFT07ST1/2P-865
Lumen(lm)	400		

9<sub>w</sub>



9W

10000h

Rated Watt (W)	9	CRI	>80
Lamp Base	2pin(G23)	Ambient Temp.(°C)	-20~40
Colour Temp.(K)	4000	Order Code	KFT09ST1/2P-840
Lumen(lm)	600		

11<sub>w</sub>



11W

10000h

Rated Watt (W)	11	CRI	>80
Lamp Base	2pin(G23)	Ambient Temp.(°C)	-20~40
Colour Temp.(K)	4000	Order Code	KFT11ST1/2P-840
Lumen(lm)	695		

10<sub>w</sub>



10W

10000h

Rated Watt (W)	10	CRI	>80
Lamp Base	2pin(G24d-1), 4pin(G24q-1)	Ambient Temp.(°C)	-20~40
Colour Temp.(K)	4000	Order Code	KFT10ST2/2p-840 KFT10ST2/4p-840
Lumen(lm)	600		

13<sub>w</sub>



13W

10000h

Rated Watt (W)	13	CRI	>80
Lamp Base	2pin(G24d-1), 4pin(G24q-1)	Ambient Temp.(°C)	-20~40
Colour Temp.(K)	4000	Order Code	KFT13ST2/2p-840 KFT13ST2/4p-840
Lumen(lm)	900		

18<sub>w</sub>



18W

10000h

Rated Watt (W)	18	CRI	>80
Lamp Base	2pin(G24d-2), 4pin(G24q-2)	Ambient Temp.(°C)	-20~40
Colour Temp.(K)	2700/4000	Order Code	KFT18ST2/2p-840 KFT18ST2/4p-840
Lumen(lm)	1200		

26<sub>w</sub>



26W

10000h

Rated Watt (W)	26	CRI	>80
Lamp Base	2pin(G24d-3), 4pin(G24q-3)	Ambient Temp.(°C)	-20~40
Colour Temp.(K)	4000	Order Code	KFT26ST2/2p-840 KFT26ST2/4p-840
Lumen(lm)	1710		

## 13<sub>w</sub>



### 13W

### 10000h

Rated Watt (W)	13	CRI	>80
Lamp Base	4pin(GX24q-1)	Ambient Temp.(°C)	-20~40
Colour Temp.(K)	4000	Order Code	KFT13ST3/4p-840
Lumen(lm)	850		

## 18<sub>w</sub>



### 18W

### 10000h

Rated Watt (W)	18	CRI	>80
Lamp Base	4pin(GX24q-2)	Ambient Temp.(°C)	-20~40
Colour Temp.(K)	4000	Order Code	KFT18ST3/4p-840
Lumen(lm)	1200		

## 26<sub>w</sub>



### 26W

### 10000h

Rated Watt (W)	26	CRI	>80
Lamp Base	4pin(GX24q-3)	Ambient Temp.(°C)	-20~40
Colour Temp.(K)	4000	Order Code	KFT26ST3/4p-840
Lumen(lm)	1710		

## 32<sub>w</sub>



### 32W

### 10000h

Rated Watt (W)	32	CRI	>80
Lamp Base	4pin(GX24q-3)	Ambient Temp.(°C)	-20~40
Colour Temp.(K)	4000	Order Code	KFT32ST3/4p-840
Lumen(lm)	2030		

42<sub>w</sub>



42W

10000h

Rated Watt (W)	42	CRI	>80
Lamp Base	4pin(GX24q-4)	Ambient Temp.(°C)	-20~40
Colour Temp.(K)	4000	Order Code	KFT42ST3/4p-840
Lumen(lm)	3200		

57<sub>w</sub>



57W

10000h

Rated Watt (W)	57	CRI	>80
Lamp Base	4pin(GX24q-5)	Ambient Temp.(°C)	-20~40
Colour Temp.(K)	4000	Order Code	KFT57ST3/4p-840
Lumen(lm)	4000		

L/E

18<sub>w</sub>



18W

10000h

Rated Watt (W)	18	CRI	>80
Lamp Base	4pin(2G11)	Ambient Temp.(°C)	-20~40
Colour Temp.(K)	4000	Order Code	KFT18STL/4p-840
Lumen(lm)	1250		

24<sub>w</sub>



24W

10000h

Rated Watt (W)	24	CRI	>80
Lamp Base	4pin(2G11)	Ambient Temp.(°C)	-20~40
Colour Temp.(K)	4000	Order Code	KFT24STL/4p-840
Lumen(lm)	1800		



<b>36W</b>		<b>10000h</b>	
Rated Watt (W)	36	CRI	>80
Lamp Base	4pin(2G11)	Ambient Temp.(°C)	-20~40
Colour Temp.(K)	4000	Order Code	KFT36STL/4p-840
Lumen(lm)	2400		



<b>40W</b>		<b>10000h</b>	
Rated Watt (W)	40	CRI	>80
Lamp Base	4pin(2G11)	Ambient Temp.(°C)	-20~40
Colour Temp.(K)	4000	Order Code	KFT40STL/4p-840
Lumen(lm)	3500		



<b>55W</b>		<b>10000h</b>	
Rated Watt (W)	55	CRI	>80
Lamp Base	4pin(2G11)	Ambient Temp.(°C)	-20~40
Colour Temp.(K)	4000	Order Code	KFT55STL/4p-840
Lumen(lm)	4800		

## T5 (High Efficient)



<b>8W</b>		<b>20000h</b>	
Rated Watt (W)	8	CRI	>80
Length(mm)*	288	Ambient Temp.(°C)	-20~40
Colour Temp.(K)	4000	Order Code	KFT08T5/840
Lumen(lm)	450		

\* Tube length excluding pins



14W		20000h	
Rated Watt (W)	14	CRI	>80
Length(mm)*	549	Ambient Temp.(°C)	-20~40
Colour Temp.(K)	4000	Order Code	KFT14T5/840
Lumen(lm)	1200		



21W		20000h	
Rated Watt (W)	21	CRI	>80
Length(mm)*	849	Ambient Temp.(°C)	-20~40
Colour Temp.(K)	4000	Order Code	KFT21T5/840
Lumen(lm)	1850		



28W		20000h	
Rated Watt (W)	28	CRI	>80
Length(mm)*	1149	Ambient Temp.(°C)	-20~40
Colour Temp.(K)	4000	Order Code	KFT28T5/840
Lumen(lm)	2600		



35W		20000h	
Rated Watt (W)	35	CRI	>80
Length(mm)*	1449	Ambient Temp.(°C)	-20~40
Colour Temp.(K)	4000	Order Code	KFT35T5/840
Lumen(lm)	3150		

\* Tube length excluding pins

T5 (High output)

## 24<sub>w</sub>



### 24W

### 20000h

Rated Watt (W)	24	CRI	>80
Length(mm)*	549	Ambient Temp.(°C)	-20~40
Colour Temp.(K)	4000	Order Code	KFT24T5HO/840
Lumen(lm)	1750		

## 39<sub>w</sub>



### 39W

### 20000h

Rated Watt (W)	39	CRI	>80
Length(mm)*	849	Ambient Temp.(°C)	-20~40
Colour Temp.(K)	4000	Order Code	KFT39T5HO/840
Lumen(lm)	3300		

## 49<sub>w</sub>



### 49W

### 20000h

Rated Watt (W)	49	CRI	>80
Length(mm)*	1449	Ambient Temp.(°C)	-20~40
Colour Temp.(K)	4000	Order Code	KFT49T5HO/840
Lumen(lm)	4500		

## 54<sub>w</sub>



### 54W

### 20000h

Rated Watt (W)	54	CRI	>80
Length(mm)*	1149	Ambient Temp.(°C)	-20~40
Colour Temp.(K)	4000	Order Code	KFT54T5HO/840
Lumen(lm)	4650		

\* Tube length excluding pins

T8 Triphosphor

2ft (589mm)

# 18<sub>w</sub>

18W		15000h	
Rated Watt (W)	18	CRI	>80
Length(mm)*	589	Ambient Temp.(°C)	-20~40
Colour Temp.(K)	4000	Order Code	KFT18T8/840
Lumen(lm)	1280		

3ft (894mm)

# 30<sub>w</sub>

30W		15000h	
Rated Watt (W)	30	CRI	>80
Length(mm)*	894	Ambient Temp.(°C)	-20~40
Colour Temp.(K)	4000	Order Code	KFT30T8/840
Lumen(lm)	2250		

4ft (1199mm)

# 36<sub>w</sub>

36W		15000h	
Rated Watt (W)	36	CRI	>80
Length(mm)*	1199	Ambient Temp.(°C)	-20~40
Colour Temp.(K)	4000	Order Code	KFT36T8/840
Lumen(lm)	3000		

5ft (1500mm)

# 58<sub>w</sub>

58W		15000h	
Rated Watt (W)	58	CRI	>80
Length(mm)*	1500	Ambient Temp.(°C)	-20~40
Colour Temp.(K)	4000	Order Code	KFT58T8/840
Lumen(lm)	4900		

\* Tube length excluding pins



## Classic Shape

Fast direct replacements for incandescent lamps, our Classic shape halogen saver lamps provide the same pleasant light quality as incandescent lamps and are fully dimmable with existing switches and controls.

Ideal for general illumination in the home or office, these lamps have no warm up time, and can be disposed of with normal waste.

- Reduce lighting energy costs by 30%.
- Outstanding colour reproduction.
- Instant start and full dimming capability.

GLS

# 28<sub>w</sub>

LIFE

2000

h

LUMEN

370

lm

28W		2000h	
Rated Watt (W)	28	Order Code	
Rated Voltage (V)	220-240	KHL28GLS/B22	KHL28GLS/E27
Line Frequency (Hz)	50-60		
Lamp Base	B22/E27		
Energy Class	C		
Colour Temp.(K)	3000		
Lumen(lm)	370		

# 42<sub>w</sub>

LIFE

2000

h

LUMEN

630

lm

42W		2000h	
Rated Watt (W)	42	Order Code	
Rated Voltage (V)	220-240	KHL42GLS/B22	KHL42GLS/E27
Line Frequency (Hz)	50-60		
Lamp Base	B22/E27		
Energy Class	C		
Colour Temp.(K)	3000		
Lumen(lm)	630		

# 72<sub>w</sub>

LIFE

2000

h

LUMEN

1200

lm

72W		2000h	
Rated Watt (W)	72	Order Code	
Rated Voltage (V)	220-240	KHL72GLS/B22	KHL72GLS/E27
Line Frequency (Hz)	50-60		
Lamp Base	B22/E27		
Energy Class	C		
Colour Temp.(K)	3000		
Lumen(lm)	1200		

## Candle

# 18w

LIFE 2000 h  
LUMEN 220 lm



### 18W

### 2000h

Rated Watt (W)	18
Rated Voltage (V)	220-240
Line Frequency (Hz)	50-60
Lamp Base	B22//E14
Energy Class	C
Colour Temp.(K)	3000
Lumen(lm)	220

Order Code	KHL18CND/B22	KHL18CND/E14
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# 28w

LIFE 2000 h  
LUMEN 370 lm



### 28W

### 2000h

Rated Watt (W)	28
Rated Voltage (V)	220-240
Line Frequency (Hz)	50-60
Lamp Base	B22/B15/E27/E14
Energy Class	C
Colour Temp.(K)	3000
Lumen(lm)	370

Order Code	KHL28CND/B22	KHL28CND/E27
	KHL28CND/B15	KHL28CND/E14

# 42w

LIFE 2000 h  
LUMEN 630 lm



### 42W

### 2000h

Rated Watt (W)	42
Rated Voltage (V)	220-240
Line Frequency (Hz)	50-60
Lamp Base	B22/E27/E14
Energy Class	C
Colour Temp.(K)	3000
Lumen(lm)	630

Order Code	KHL42CND/B22	KHL42CND/E27
		KHL42CND/E14

## Candle Bent-tip

# 28w

LIFE 2000 h  
LUMEN 370 lm



### 28W

### 2000h

Rated Watt (W)	28
Rated Voltage (V)	220-240
Line Frequency (Hz)	50-60
Lamp Base	B22/B15/E27/E14
Energy Class	C
Colour Temp.(K)	3000
Lumen(lm)	370

Order Code	KHL28BTP/B22	KHL28BTP/E27
	KHL28BTP/B15	KHL28BTP/E14

## 42<sub>w</sub>

LIFE

2000

h

LUMEN

630

lm



42W		2000h	
Rated Watt (W)	42	Order Code	
Rated Voltage (V)	220-240	KHL42BTP/B22	KHL42BTP/E27 KHL42BTP/E14
Line Frequency (Hz)	50-60		
Lamp Base	B22/E27/E14		
Energy Class	C		
Colour Temp.(K)	3000		
Lumen(lm)	630		

## Golf

## 18<sub>w</sub>

LIFE

2000

h

LUMEN

220

lm



18W		2000h	
Rated Watt (W)	18	Order Code	
Rated Voltage (V)	220-240	KHS18GLF/B22	KHS18GLF/E27 KHS18GLF/E14
Line Frequency (Hz)	50-60		
Lamp Base	B22/E27/E14		
Energy Class	C		
Colour Temp.(K)	3000		
Lumen(lm)	220		

## 28<sub>w</sub>

LIFE

2000

h

LUMEN

370

lm



28W		2000h	
Rated Watt (W)	28	Order Code	
Rated Voltage (V)	220-240	KHS28GLF/B22	KHS28GLF/E27 KHS28GLF/E14
Line Frequency (Hz)	50-60		
Lamp Base	B22/B15/E27/E14		
Energy Class	C		
Colour Temp.(K)	3000		
Lumen(lm)	370		

## 42<sub>w</sub>

LIFE

2000

h

LUMEN

630

lm



42W		2000h	
Rated Watt (W)	42	Order Code	
Rated Voltage (V)	220-240	KHS42GLF/B22	KHS42GLF/E27 KHS42GLF/E14
Line Frequency (Hz)	50-60		
Lamp Base	B22/B15/E27/E14		
Energy Class	C		
Colour Temp.(K)	3000		
Lumen(lm)	630		

Reflector

## 28w

EQU. TO 40 W  
SAVE up to £2.4\*



### 28W

### 2000h

Rated Watt (W)	28	Order Code	KHL28R50/E14
Equ. Watt (W)	40		
Rated Voltage (V)	220-240		
Line Frequency (Hz)	50-60		
Lamp Base	E14		
Angle(°)	110		
Energy Class	C		
Colour Temp.(K)	3000		
Lumen(lm)	370		

## 42w

EQU. TO 60 W  
SAVE up to £3.6\*



### 42W

### 2000h

Rated Watt (W)	42	Order Code	KHL42R63/E27
Equ. Watt (W)	60		
Rated Voltage (V)	220-240		
Line Frequency (Hz)	50-60		
Lamp Base	E27		
Angle(°)	110		
Energy Class	C		
Colour Temp.(K)	3000		
Lumen(lm)	630		

## 42w

EQU. TO 60 W  
SAVE up to £3.6\*



### 42W

### 2000h

Rated Watt (W)	42	Order Code	KHL42R80/E27
Equ. Watt (W)	60		
Rated Voltage (V)	220-240		
Line Frequency (Hz)	50-60		
Lamp Base	E14		
Angle(°)	110		
Energy Class	C		
Colour Temp.(K)	3000		
Lumen(lm)	630		

## 72w

EQU. TO 100 W  
SAVE up to £5.6\*



### 72W

### 2000h

Rated Watt (W)	72	Order Code	KHL72R80/E27
Equ. Watt (W)	100		
Rated Voltage (V)	220-240		
Line Frequency (Hz)	50-60		
Lamp Base	E27		
Angle(°)	110		
Energy Class	C		
Colour Temp.(K)	3000		
Lumen(lm)	1200		



## Reflector

Where lighting applications demand minimal UV emissions, consider Kosnic's reflector range.

These low voltage lamps give a crisp light and cool beam and - for extra peace of mind - are fused to prevent explosions.

- Reduce lighting energy costs by 30%.
- Outstanding colour reproduction.
- Minimal UV emissions.

GU10

**20<sub>w</sub>**



**20W**

**2000h**

Rated Watt (W)	20	Order Code	KHL20MR16/GU10-830
Rated Voltage (V)	220-240		
Line Frequency (Hz)	50-60		
Lamp Base	GU10		
Angle(°)	36		
Colour Temp.(K)	3000		

**35<sub>w</sub>**



**35W**

**2000h**

Rated Watt (W)	35	Order Code	KHL35MR16/GU10-830 KHL35MR16/GU10-840
Rated Voltage (V)	220-240		
Line Frequency (Hz)	50-60		
Lamp Base	GU10		
Angle(°)	36		
Colour Temp.(K)	3000/4000		

**50<sub>w</sub>**



**50W**

**2000h**

Rated Watt (W)	50	Order Code	KHL50MR16/GU10-830 KHL50MR16/GU10-840
Rated Voltage (V)	220-240		
Line Frequency (Hz)	50-60		
Lamp Base	GU10		
Angle(°)	36		
Colour Temp.(K)	3000/4000		

## GU10 XENON

# 35<sub>w</sub>



### 35W

### 5000h

Rated Watt (W)	35	Order Code	KXN35MR16/GU10-830
Rated Voltage (V)	220-240		
Line Frequency (Hz)	50-60		
Lamp Base	GU10		
Angle(°)	36		
Colour Temp.(K)	3000		

# 50<sub>w</sub>



### 50W

### 5000h

Rated Watt (W)	50	Order Code	KXN50MR16/GU10-830
Rated Voltage (V)	220-240		
Line Frequency (Hz)	50-60		
Lamp Base	GU10		
Angle(°)	36		
Colour Temp.(K)	3000		

## GU10 Halogen Saver

# 25<sub>w</sub>

EQU. TO 35 W

SAVE up to £2.0\*



### 25W

### 2000h

Rated Watt (W)	25	Order Code	KHS25MR16/GU10-830
Equ. Watt (W)	35		
Rated Voltage (V)	220-240		
Line Frequency (Hz)	50-60		
Lamp Base	GU10		
Angle(°)	36		
Colour Temp.(K)	3000		

# 40<sub>w</sub>

EQU. TO 50 W

SAVE up to £2.0\*



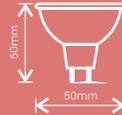
### 40W

### 2000h

Rated Watt (W)	40	Order Code	KHS40MR16/GU10-830
Equ. Watt (W)	50		
Rated Voltage (V)	220-240		
Line Frequency (Hz)	50-60		
Lamp Base	GU10		
Angle(°)	36		
Colour Temp.(K)	3000		

G5.3

20<sub>w</sub>



20W

4000h

Rated Watt (W)	20
Rated Voltage (V)	12
Reflector	Dichroic, Aluminum
Lamp Base	G5.3
Angle(°)	36
Colour Temp.(K)	3000

Order Code	KHL20MR16/G5.3-DIC-830
	KHL20MR16/G5.3-ALU-830

35<sub>w</sub>



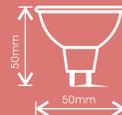
35W

4000h

Rated Watt (W)	35
Rated Voltage (V)	12
Reflector	Dichroic, Aluminum
Lamp Base	G5.3
Angle(°)	36
Colour Temp.(K)	3000/4000

Order Code	KHL35MR16/G5.3-DIC-830
	KHL35MR16/G5.3-DIC-840
	KHL35MR16/G5.3-ALU-830
	KHL35MR16/G5.3-ALU-840

50<sub>w</sub>



50W

4000h

Rated Watt (W)	50
Rated Voltage (V)	12
Reflector	Dichroic, Aluminum
Lamp Base	G5.3
Angle(°)	36
Colour Temp.(K)	3000/4000

Order Code	KHL50MR16/G5.3-DIC-830
	KHL50MR16/G5.3-DIC-840
	KHL50MR16/G5.3-ALU-830
	KHL50MR16/G5.3-ALU-840

G5.3 XENON

35<sub>w</sub>



35W

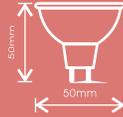
8000h

Rated Watt (W)	35
Rated Voltage (V)	12
Reflector	Aluminum
Lamp Base	G5.3
Angle(°)	36
Colour Temp.(K)	3000

Order Code	KXN35MR16/G5.3-ALU-830
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## G5.3 XENON

50<sub>w</sub>



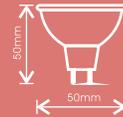
50W

8000h

Rated Watt (W)	50	Order Code	KXN50MR16/G5.3-ALU-830
Rated Voltage (V)	12		
Reflector Type	Aluminum		
Lamp Base	G5.3		
Angle(°)	36		
Colour Temp.(K)	3000		

## G5.3 Halogen Saver

20<sub>w</sub>



EQU. TO 35 W  
SAVE up to £3.0\*

20W

2000h

Rated Watt (W)	20	Order Code	KHS20MR16/G5.3-DIC-830 KHS20MR16/G5.3-ALU-830
Equ. Watt (W)	35		
Rated Voltage (V)	12		
Reflector Type	Dichroic, Aluminum		
Lamp Base	G5.3		
Angle(°)	36		
Colour Temp.(K)	3000		

35<sub>w</sub>



EQU. TO 50 W  
SAVE up to £3.0\*

35W

2000h

Rated Watt (W)	35	Order Code	KHS35MR16/G5.3-DIC-830 KHS35MR16/G5.3-ALU-830
Equ. Watt (W)	50		
Rated Voltage (V)	12		
Reflector Type	Dichroic, Aluminum		
Lamp Base	G5.3		
Angle(°)	36		
Colour Temp.(K)	3000		

## MR11

20<sub>w</sub>



20W

4000h

Rated Watt (W)	20	Order Code	KHL20MR11/GU4-DIC
Rated Voltage (V)	12		
Reflector Type	Dichroic		
Lamp Base	GU4		
Angle(°)	36		
Colour Temp.(K)	3000		

## 35<sub>w</sub>



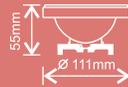
### 35W

### 4000h

Rated Watt (W)	35	Order Code	KHL35MR11/GU4-DIC
Rated Voltage (V)	12		
Reflector	Dichroic		
Lamp Base	GU4		
Angle(°)	36		
Colour Temp.(K)	3000		

## AR111

## 50<sub>w</sub>

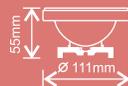


### 50W

### 4000h

Rated Watt (W)	50	Order Code	KHL50AR111/GU53
Rated Voltage (V)	12		
Lamp Base	G53		
Angle(°)	24		
Colour Temp.(K)	3000		

## 75<sub>w</sub>



### 75W

### 4000h

Rated Watt (W)	75	Order Code	KHL75AR111/GU53
Rated Voltage (V)	12		
Lamp Base	G53		
Angle(°)	24		
Colour Temp.(K)	3000		

## PAR

## 50<sub>w</sub>



### 50W

### 2000h

Rated Watt (W)	50	Order Code	KHL50P20/E27
Rated Voltage (V)	220-240		
Line Frequency (Hz)	50-60		
Lamp Base	E27		
Angle(°)	36		
Colour Temp.(K)	3000		
Reflector Type	Aluminum		

## 75<sub>w</sub>



### 75W

2000h

Rated Watt (W)	75	Order Code	KHL75P30/E27
Rated Voltage (V)	220-240		
Line Frequency (Hz)	50-60		
Lamp Base	E27		
Angle(°)	36		
Colour Temp.(K)	3000		
Reflector Type	Aluminum		

## 100<sub>w</sub>



### 100W

2000h

Rated Watt (W)	100	Order Code	KHL100P38/E27
Rated Voltage (V)	220-240		
Line Frequency (Hz)	50-60		
Lamp Base	E27		
Angle(°)	36		
Colour Temp.(K)	3000		
Reflector Type	Aluminum		



## G9, G4, GY6.35

For domestic and professional environments where perfect colour reproduction is essential, Kosnis offers halogen capsules.

We also supply a halogen saver version, which reduces lighting energy costs by 30%, without compromising light quality.

For extra peace of mind, the G9s are fused to prevent explosions.

- UV control technology, minimises UV emission.
- Perfect colour reproduction.

G9

# 25<sub>w</sub>



### 25W

### 2000h

Rated Watt (W)	25	Order Code	KHL25CPL/G9-CLE
Rated Voltage (V)	220-240		
Line Frequency (Hz)	50-60		
Lamp Base	G9		
Colour Temp.(K)	3000		
Lumen(lm)	260		

# 40<sub>w</sub>



### 40W

### 2000h

Rated Watt (W)	40	Order Code	KHL40CPL/G9-CLE
Rated Voltage (V)	220-240		
Line Frequency (Hz)	50-60		
Lamp Base	G9		
Colour Temp.(K)	3000		
Lumen(lm)	490		

G9 XENON

# 25<sub>w</sub>



### 25W

### 5000h

Rated Watt (W)	25	Order Code	KXN25CPL/G9-CLE
Rated Voltage (V)	220-240		
Line Frequency (Hz)	50-60		
Lamp Base	G9		
Colour Temp.(K)	3000		
Lumen(lm)	260		

## 40<sub>w</sub>



### 40W

5000h

Rated Watt (W)	40	Order Code	KXN40CPL/G9-CLE
Rated Voltage (V)	220-240		
Line Frequency (Hz)	50-60		
Lamp Base	G9		
Colour Temp.(K)	3000		
Lumen(lm)	490		

G9 Halogen Saver

## 28<sub>w</sub>



EQU. To 40 W  
SAVE up to £2.4\*

### 28W

2000h

Rated Watt (W)	28	Order Code	KHS28CPL/G9-CLE
Equ. Watt (W)	40		
Rated Voltage (V)	220-240		
Line Frequency (Hz)	50-60		
Lamp Base	G9		
Colour Temp.(K)	3000		
Lumen(lm)	400		

## 42<sub>w</sub>



EQU. To 60 W  
SAVE up to £3.6\*

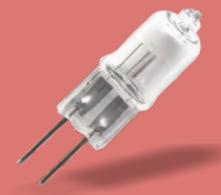
### 42W

2000h

Rated Watt (W)	42	Order Code	KHS42CPL/G9-CLE
Equ. Watt (W)	60		
Rated Voltage (V)	220-240		
Line Frequency (Hz)	50-60		
Lamp Base	G9		
Colour Temp.(K)	3000		
Lumen(lm)	750		

G4

## 10<sub>w</sub>



### 10W

4000h

Rated Watt (W)	10	Order Code	KHL10CPL/G4-CLE
Rated Voltage (V)	12		
Lamp Base	G4		
Colour Temp.(K)	3000		
Lumen(lm)	140		

## 20<sub>w</sub>



### 20W

4000h

Rated Watt (W)	20	Order Code	KHL20CPL/G4-CLE
Rated Voltage (V)	12		
Lamp Base	G4		
Colour Temp.(K)	3000		
Lumen(lm)	320		

GY6.35

## 35<sub>w</sub>



### 35W

4000h

Rated Watt (W)	35	Order Code	KHL35CPL/GY6.35-CLE
Rated Voltage (V)	12		
Lamp Base	GY6.35		
Colour Temp.(K)	3000		
Lumen(lm)	600		

## 50<sub>w</sub>



### 50W

4000h

Rated Watt (W)	50	Order Code	KHL50CPL/GY6.35-CLE
Rated Voltage (V)	12		
Lamp Base	GY6.35		
Colour Temp.(K)	3000		
Lumen(lm)	800		



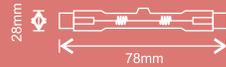
## Linear

Environmentally-friendly linear lamps that are a direct replacement for conventional tubular halogen lamps. Kosnic's linear lamps provide perfect colour reproduction and longer life.

- Ideal for entrance lighting, restaurants and hotels, these lamps emphasise the structure of an architectural space.
- Perfect colour reproduction.
- Instant start and full dimming capability.

### 120w

LIFE 2000 h  
LUMEN 2500 lm



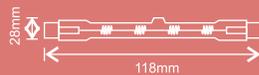
### 120W

2000h

Rated Watt (W)	120	Order Code	KHS120LNR/R7S
Rated Voltage (V)	220-240		
Line Frequency (Hz)	50-60		
Lamp Base	R7S		
Colour Temp.(K)	3000		
Lumen(lm)	2500		

### 230w

LIFE 2000 h  
LUMEN 5600 lm



### 230W

2000h

Rated Watt (W)	230	Order Code	KHS230LNR/R7S
Rated Voltage (V)	220-240		
Line Frequency (Hz)	50-60		
Lamp Base	R7S		
Colour Temp.(K)	3000		
Lumen(lm)	5600		

### 400w

LIFE 2000 h  
LUMEN 9500 lm



### 400W

2000h

Rated Watt (W)	400	Order Code	KHS400LNR/R7S
Rated Voltage (V)	220-240		
Line Frequency (Hz)	50-60		
Lamp Base	R7S		
Colour Temp.(K)	3000		
Lumen(lm)	9500		

# Energy Saving Calculator



Example given - Please fill in your project's details

Existing Lamps vs. Low Energy Replacements Energy Rates (£ per kWh) €0.12 **A**

Existing System	
Existing Lamp	Conventional 28W 2D Lamp
Cost per Lamp	€2.00
Life of Lamp	10,000 hours
Fixture Count	100 <b>B</b>
Watts per Fixture	28W <b>C</b>
Hours per Year	4000 <b>D</b>
Kw Hours per Year	$= (B * C * D) / 1000$ 11,200 <b>E</b>
Energy £ per Year	$= E * A$ €1344 <b>F</b>

New LED System	
New LED Lamp	Kosnic LED DD Lamp
Cost per Lamp	€29.00
Life of Lamp	30,000 hours
Fixture Count	100 <b>B</b>
Watts per Fixture	12W <b>C</b>
Hours per Year	4000 <b>D</b>
Kw Hours per Year	$= (B * C * D) / 1000$ 4800 <b>E</b>
Energy £ per Year	$= E * A$ €576 <b>G</b>

Energy & Costs Saving Summary	
Potential Energy Savings per Year	<b>H</b>
$= F - G$	€768
Estimated Total Cost for Upgrade	<b>I</b>
	€2700
Payback Period (based on energy savings) in Months	
$= I / (H / 12)$	42 Months
Replacement and Maintenance	
	LED DD life is 3 times as long

Environmental Impact of LED Lighting Upgrades	
Annual Carbon Dioxide Emission Reduction: (= KwHr Saving * .5320)	~3404 Kg
Equivalent Fruit Trees Planted: (= Emission Reduction / 30)	~113 trees

## Obsolescence Calendar

The European Union has been working towards the phase-out of less efficient light sources as part of the commitment to reduce energy usage. Initially the phase-out concentrated on frosted incandescent lamps of the higher wattages but as time goes on more and more lamps are falling short of the EU directives' requirements for Eco Design of Energy Related Products.

The EU's directives concentrate on the energy consumption during the entire product lifecycle with rising demands for efficiency and functionality. The effect of these directives is to steadily increase the scope of lamps which fail to meet the requirements and are effectively banned.



## A Compelling Business Case

The rise of LED lighting is driving a significant transformation of the lighting industry.

Use the calculator above to understand the kind of energy savings that can be made by switching to Kosnic LED and low energy lighting.

Kosnic lamps provide long lifetimes, fast retrofit, and low maintenance, making them a greener and sustainable solution.

For detailed project calculations, please contact our project team at [project@kosnic.com](mailto:project@kosnic.com). The team, led by Paul Stearman, will be delighted to provide advice regarding energy savings and building a compelling business case using Kosnic lamps.



**Paul Stearman**

### Specification Manager and Project Lead

Paul has worked in the lighting industry for over 40 years and is an expert in advising clients about energy saving lamps.

He has worked with many companies such as Whitbread, Costa Coffee, Marks & Spencer, The MOD, Hilton Hotels, Holiday Inn, and many others

Email: [project@kosnic.com](mailto:project@kosnic.com)



**Dan Mander**

### Project Manager

With a background in technical sales and support, Dan is recognised for both his exemplary technical knowledge and project management skills.

Dan has many years' experience assisting in the selection of appropriate Kosnic LED products and is a familiar and well-liked face at our trade shows.

Email: [project@kosnic.com](mailto:project@kosnic.com)



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