

vertex

vertex

• Since 2000 • always new

2019-2020(AUTUMN EDITION)

2019-2020
(AUTUMN EDITION)



VERTEX LIGHTING AND ELECTRICAL CO., LTD.

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Email: sales@vertex-lighting.com

5

5-year warranty, life span up to 40,000 hours.

200⁺

200+ patent applications

19

Established in 2000, with 19 years' experience for European market.

NO.1

1st Fire-rated downlight for UK;
1st Asia-Pacific manufacturer of fire-rated LED recessed trim meeting requirements of UL263;
1st Music smart control LED downlight.

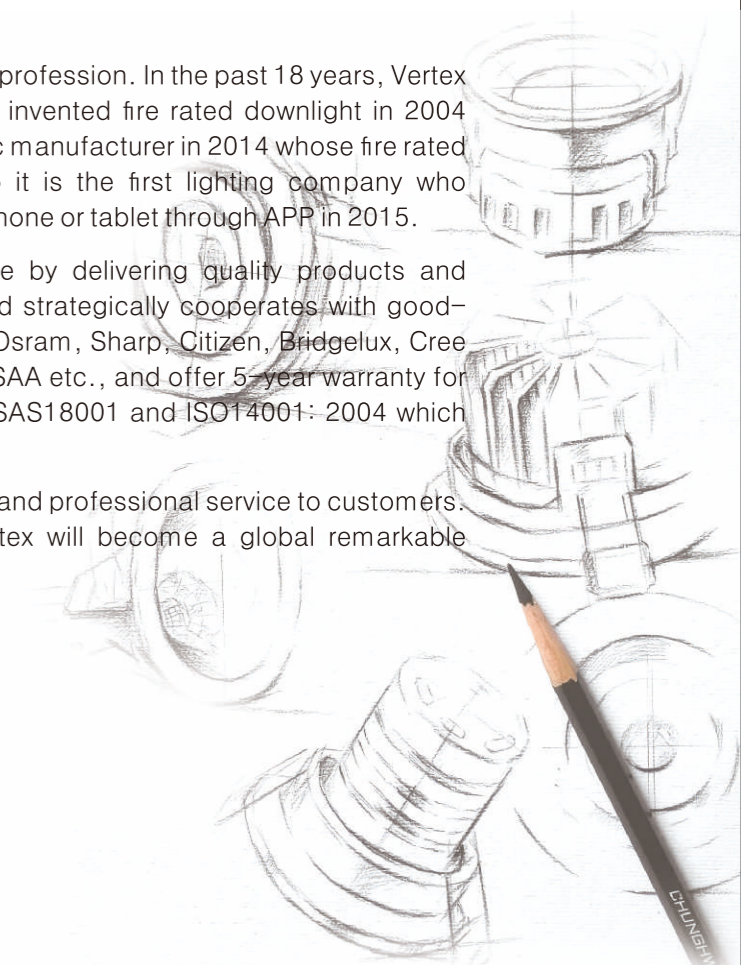
About us

As an innovative and professional manufacturer for downlight, Vertex always concentrates on luminaires and smart LED lighting system.

Vertex was founded in 2000 with principles of innovation and profession. In the past 18 years, Vertex has more than 200 patent applications worldwide. Vertex invented fire rated downlight in 2004 complied with BS476 Part 21; it became the first Asia-Pacific manufacturer in 2014 whose fire rated recessed light meeting requirements of UL263. And also it is the first lighting company who integrated audio system into downlight controlled by smart phone or tablet through APP in 2015.

Vertex is dedicated to provide customer good experience by delivering quality products and professional service. It has strict quality control system and strategically cooperates with good-reputation suppliers on key components, such as Tridonic, Osram, Sharp, Citizen, Bridgelux, Cree and Apple inc, which enable products approved by CE, UL, SAA etc., and offer 5-year warranty for all products. In addition, Vertex has been approved by OHSAS18001 and ISO14001: 2004 which prove our commitment to the society and environment.

In the future, Vertex will continue to provide reliable products and professional service to customers. With continuous innovation and steady development, Vertex will become a global remarkable branded enterprise of smart living.



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Quick installation 25/30



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New AC Power Supply

Fantastic dimming & Amazing price

Q1 QFN MOS

Minimize flickering while encountering AC power supply fluctuation.

U1 5110C

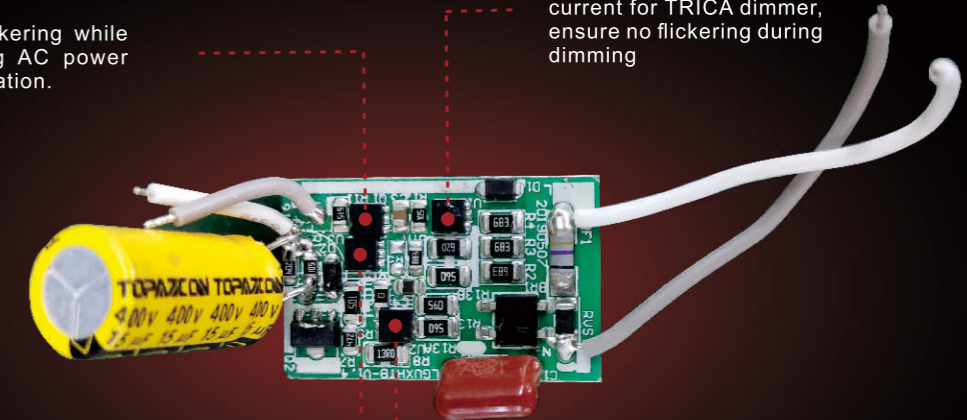
Provide a bypass (bleed) current for TRICA dimmer, ensure no flickering during dimming

U3 5110C (constant current IC)

Regulate constant current supply for LED, minimize flickering, and enhance LED lifespan.

U2 5110D and Q2 SOT-89 MOS

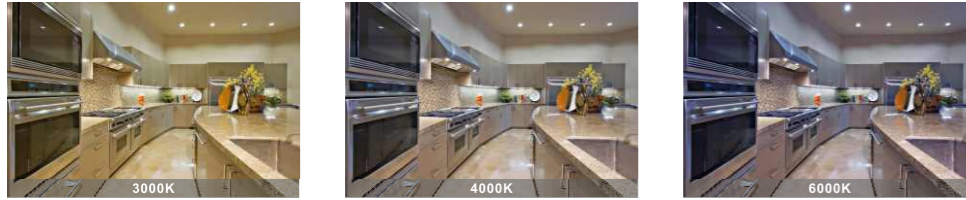
Regulate charge current of capacitor, ensure a satisfactory Power Factor (PF>0.7) and reduce flickering



NEW AC Technology LED Downlight

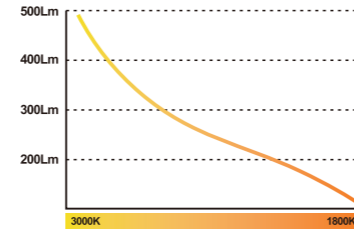
AC Colour Switchable

Three color temperatures in one downlight, including 3000K, 4000K and 6000K. Alternate between three colors without any additional wiring. Easily choose the right color temperature for your need just by a normal switch or a dimmer.



AC Dim to Warm

For a warmer and more comfortable ambience and mood, dim down the downlight, just like a halogen downlight.



Tuya AC RGBCW

Tunable white from 2700K to 6500K. There are 16 million dimmable colors for choice. Unlimited DIY lighting possibilities for your home, creating a personalized relaxing space.



NEW AC 5W LED Downlight

Fantastic dimming & Amazing price

Life Span

Over 40,000 hours life span or five years warranty. Extremely long life span.

No Noise

Creating a quiet and comfortable environment for your family.

Dimming

Fantastic dimming performance, supporting single unit dimming and 0-100% dimmable.

Flicker Free

Protecting the eyesight of your family, making your life healthier.

Fire-rated

meeting the requirement of 30,60,90 minutes fire-rated.



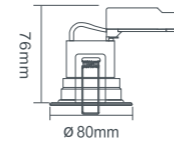
New AC LED Downlight

Fantastic dimming&Amazing price



No.: F6055-AC

Input: AC 230V 50/60 Hz
Wattage/lumen: 5W/ 480lm (3000K)
Color Temperature: 3000K/ 4000K/ 5000K/ 5700K
CRI: Ra>80
 Dimmable with leading and trailing edge
 Warm Dimming Available

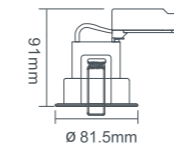


Cut out: Ø 63mm

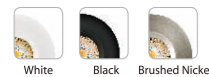


No.: F6054-AC

Input: AC 230V 50/60 Hz
Wattage/lumen: 5W/ 450lm (3000K)
Color Temperature: 3000K/ 4000K/ 5000K/ 5700K
CRI: Ra>80
 Dimmable with leading and trailing edge
 Warm Dimming Available



Cut out: Ø 65mm



White Black Brushed Nickel

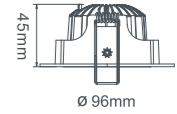
New AC LED Downlight

Fantastic dimming&Amazing price



No.: AU6084-AC

Input: AC 220-240V 50/60 Hz
Wattage/lumen: 10W/ 880lm (3000K)
Color Temperature: 2700K/ 3000K/ 4000K/ 5000K
CRI: Ra>80
Power Factor: PF > 0.7
 Dimmable and non-dimmable a availanle

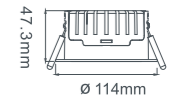


Cut out: Ø 83mm



No.: AU62104-AC

Input: AC 220-240V 50/60 Hz
Wattage/lumen: 10W/ >830lm (3000K)
Color Temperature: 2700K/ 3000K/ 4000K/ 5000K
CRI: Ra>90 (Ra>80 available)
 Dimmable and non-dimmable a availanle

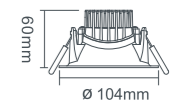


Cut out: Ø 90mm



No.: AU60106-AC

Input: AC 220-240V 50/60 Hz
Wattage/lumen: 10W/ >750lm (3000K)
Color Temperature: 2700K/ 3000K/ 4000K/ 5000K
CRI: Ra>80
 Dimmable and non-dimmable a availanle

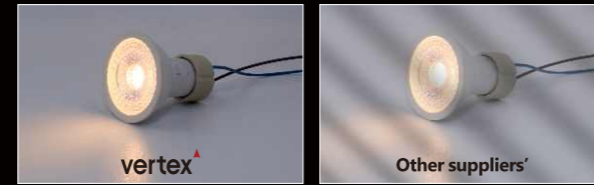


Cut out: Ø 90mm

5W AC GU10 Lamp

Flicker Free

Protecting the eyesight of your family, making your life healthier.



Dimming

Fantastic dimming performance, supporting single unit dimming and 0-100% dimmable.



No Noise

Creating a quiet and comfortable environment for your family.

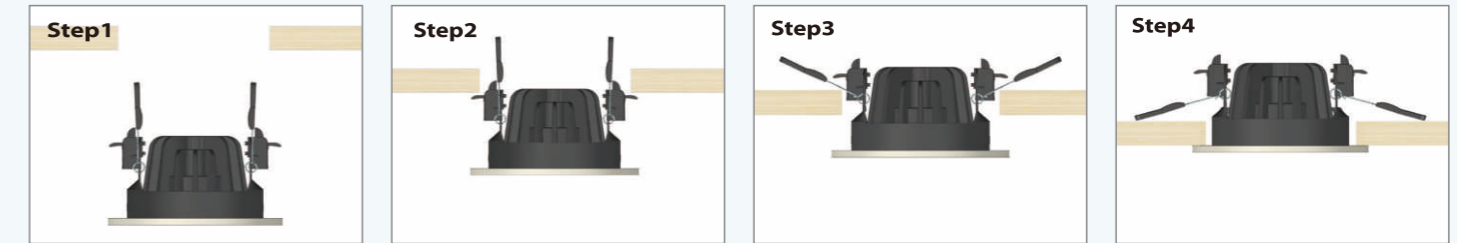
Life Span

Over 40,000 hours life span or five years warranty. Extremely long life span.

SMART SPRING™

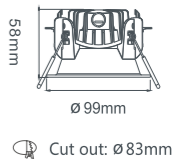
Smart design for easy installation

Laurence and our R&D group had been working on the Smart Springs for 9 years. On April 06, 2006, Laurence flew back to Chengdu, which was his hometown. During the flight he saw the small table in front of his seat which could be locked automatically, He suddenly got the idea to design his Smart Springs. It was a revolution for downlight installation. He believes the electricians will surely like this mechanism.



No.: VA6214

Input: AC 220-240V 50/60 Hz
Wattage/lumen: 8W/ 560lm (3000K)
Color Temperature: 2700K/ 3000K/ 4000K/ 5000K
CRI: Ra>80 (Ra>97 available)
Power Supply: DC 36V 180mA
Power Factor: PF > 0.9
 Dimmable with leading and trailing edge
 Warm Dimming Available



SMART SPRING

Baffled Anti-glare COB LED Downlight

Making the light more gentle and natural



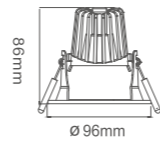
Making the light more gentle and natural

Baffle downlights trap and shape light to minimize glare and reduce ceiling brightness, soften light output and help soften light glare. Baffle downlights are great for lower ceilings to create a softer, more comforting light.



No.: V6214

Input: AC 220-240V 50/60 Hz
Wattage/lumen: 8W/ 530lm (3000K)
Color Temperature: 2700K/ 3000K/ 4000K/ 5000K
CRI: Ra>80 (Ra>97 available)
Power Supply: DC 36V 180mA
Power Factor: PF > 0.9
 Dimmable with leading and trailing edge
 Warm Dimming Available



Cut out: Ø77mm



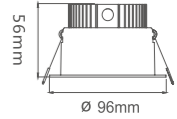
Baffled Anti-glare COB LED Downlight

Making the light more gentle and natural



No.: V6081

Input: AC 220-240V 50/60 Hz
Wattage/lumen: 8W/ 530lm (3000K)
Color Temperature: 2700K/ 3000K/ 4000K/ 5000K
CRI: Ra>80 (Ra>97 available)
Power Supply: DC 36V 180mA
Power Factor: PF > 0.9
 Dimmable with leading and trailing edge
 Warm Dimming Available

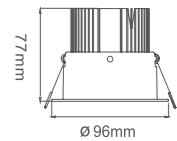


Cut out: Ø84mm



No.: V60121

Input: AC 220-240V 50/60 Hz
Wattage/lumen: 12W/ 850lm (3000K)
Color Temperature: 2700K/ 3000K/ 4000K/ 5000K
CRI: Ra>80
Power Supply: DC 36V 300mA
Power Factor: PF > 0.9
 Dimmable with leading and trailing edge
 Warm Dimming Available



Cut out: Ø84mm



Wallwasher 8W

COB LED Downlight

LED Wall Washer downlights provides uniform lighting perfect for cultural buildings, museums, galleries or any space you want to add a special, elegant and modern touch of light. It also helps to make the room seem brighter and bigger and helps to de-emphasize textures while cleaning up blemishes on vertical surfaces and walls.



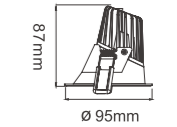
Wallwasher 8W COB LED Downlight

Soft light wash wall at 25°



No.: V6082

Input: AC 220-240V 50/60 Hz
Wattage/lumen: 8W/ 530lm (3000K)
Color Temperature: 2700K/ 3000K/ 4000K/ 5000K
CRI: Ra>80 (Ra>97 available)
Power Supply: DC 36V 180mA
Power Factor: PF > 0.9
 Dimmable with leading and trailing edge
 Warm Dimming Available

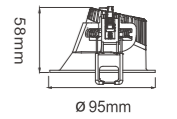


⊗ Cut out: Ø82mm



No.: VA6082

Input: AC 220-240V 50/60 Hz
Wattage/lumen: 8W/ 530lm (3000K)
Color Temperature: 2700K/ 3000K/ 4000K/ 5000K
CRI: Ra>80 (Ra>97 available)
Power Supply: DC 36V 180mA
Power Factor: PF > 0.9
 Dimmable with leading and trailing edge
 Warm Dimming Available



⊗ Cut out: Ø82mm



White Black

WALLWASHER

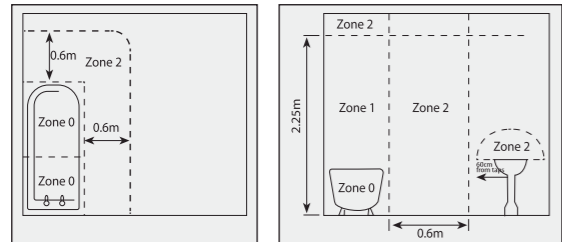
IP65 COB LED Downlight

Waterproof and Air-tight



Bathroom Regulations

IEE Wiring Regulations (17th Edition) have identified certain zones within the bathroom to indicate which type of electrical equipment can be fitted. Lighting deemed suitable to go in these zones is given an Ingress Protection (IP) number, such as IPXY, where X and Y are numbers. The X shows the level of mechanical protection and the Y shows the level of moisture protection - in both cases, the higher the number, the better the protection. If a piece of equipment does not have an IP number it must not be used in zones 0, 1 or 2.



The zones are as follows;

Zone 0:- Inside the bath tub or shower tray. Any fitting going in this area must be low voltage (12v max) and have an IP rating of at least IP67.

Zone 1:- Directly above the bath tub or shower tray to a height of 2.25m from the floor. Products should be IP44 or higher and if the fitting is 240v a 30ma RCD must be used to protect the circuit.

Zone 2:- Over the bath tub or shower tray above zone 1. It also covers the area stretching 0.6m outside the perimeter of the bath and to a height of 2.25m from the floor and the area around the wash basin, within a 60cm radius of any tap. Lighting in this area should be at least IP44.

This information should be used for guidance only; always refer to the current IEE Wiring Regulations, or a qualified electrician, to ensure that you are guided by the latest codes of practice.

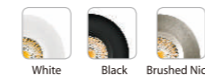
IP65

IP65 COB LED Downlight

Waterproof and air-tight

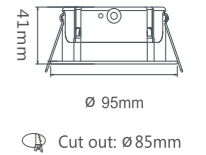


360°



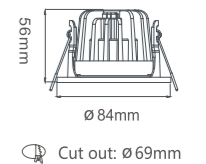
NO.: VIP6264

Input: AC 220-240V 50/60 Hz
Wattage/lumen: 6W/ 500lm (3000K)
Color Temperature: 2700K/ 3000K/ 4000K/ 5000K
CRI: Ra>80 (Ra>97 available)
Power Supply: DC 36V 140mA
Power Factor: PF > 0.9
 Dimmable with leading and trailing edge
 Warm Dimming Available



No.: V6085/ F6085

Input: AC 220-240V 50/60 Hz
Wattage/lumen: 8W/ 530lm (3000K)
Color Temperature: 2700K/ 3000K/ 4000K/ 5000K
CRI: Ra>80
Power Supply: DC 36V 180mA
Power Factor: PF > 0.9
 Dimmable with leading and trailing edge
 Warm Dimming Available



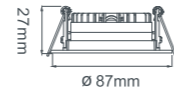
Tilt COB LED Downlight

Classic style LED downlight



No.: V6064E

Input: AC 220-240V 50/60 Hz
Wattage/lumen: 4W/ 300lm (3000K) 6W/ 500lm (3000K)
Color Temperature: 2700K/ 3000K/ 4000K/ 5000K
CRI: Ra>80 (Ra>90 available)
Power Supply: DC 36V 100mA
Power Factor: PF > 0.8
 Dimmable with leading and trailing edge
 Warm Dimming Available

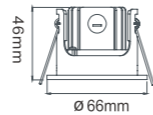


⊕ Cut out: \varnothing 75mm

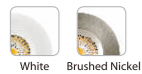


No.: V6064C

Input: AC 220-240V 50/60 Hz
Wattage/lumen: 6W/ 500lm (3000K)
Color Temperature: 2700K/ 3000K/ 4000K/ 5000K
CRI: Ra>80 (Ra>97 available)
Power Supply: DC 36V 130mA
Power Factor: PF > 0.9
 Dimmable with leading and trailing edge
 Warm Dimming Available



⊕ Cut out: \varnothing 55mm



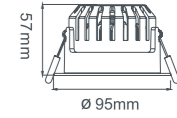
Tilt COB LED Downlight

Classic style LED downlight



No.: V6284

Input: AC 220-240V 50/60 Hz
Wattage/lumen: 8W/ 530lm (3000K)
Color Temperature: 2700K/ 3000K/ 4000K/ 5000K
CRI: Ra>80 (Ra>97 available)
Power Supply: DC 36V 180mA
Power Factor: PF > 0.9
 Dimmable with leading and trailing edge
 Warm Dimming Available

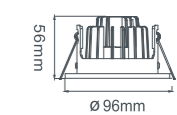


⊕ Cut out: \varnothing 85mm

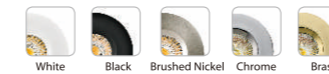


No.: V6084 / F6084

Input: AC 220-240V 50/60 Hz
Wattage/lumen: 8W/ 530lm (3000K)
Color Temperature: 2700K/ 3000K/ 4000K/ 5000K
CRI: Ra>80 (Ra>97 available)
Power Supply: DC 36V 180mA
Power Factor: PF > 0.9
 Dimmable with leading and trailing edge
 Warm Dimming Available



⊕ Cut out: \varnothing 79mm





Downlights

An upgrade of downlight standards was necessary due to increased mandatory insulation levels now installed and retro fitted into new homes.

In 2011, changes to the recessed luminaires standard were made. These introduced new classes of recessed downlights that eliminate clearances and ensure safer installation with surrounding thermal insulation. It aims to ensure that a downlight with not be unsafe if thermal insulation, which is specified as safe to use with downlights, is installed incorrectly"

What does this mean for downlights?

All products manufactured or imported into these markets must be one of the five new classes
 Only four of the five classes may be used in residential buildings Any residential class downlight must be safe if accidentally covered with building insulation

Insulation

Air is a good insulator in the absence of convection. Many insulation materials function simply by having a large number of air filled pockets which prevent convection e.g. just like animal's feathers and fur, building insulation mats and blankets use these air pockets to contain heat and this is measured as resistance values.(R values).

New housing now requires high mandatory "R" values. Government and Council programmes are also encouraging large scale upgrades of existing homes to the same high "R" values. This means that thicker insulation is now being installed.

What does this mean for thermal insulation in residential buildings?

Buildings will be more thermally efficient Installed insulation must maintain its structural integrity at specific temperatures Insulation material must typically pass Needle Flame Test method on all surfaces Downlight manufacturers must state what building/thermal insulation is safe and compatible to use with downlight.

IC COB LED Downlight

	<p>A cooler running, closed abutted recessed luminaire where fixed insulating material (of the downlight manufacturer's specifications) can be abutted to sides</p> <ul style="list-style-type: none"> Building Insulation must pass Needle flame test Building Insulation must maintain structural integrity at 90 degrees c <p>Residential <input checked="" type="checkbox"/> Commercial <input checked="" type="checkbox"/></p>
	<p>a closed abutted recessed luminaire where fixed insulating material (of the downlight manufacturer's specifications) can be abutted to sides</p> <ul style="list-style-type: none"> Building Insulation must pass Needle flame test Building insulation must maintain structural integrity at 135 degrees c <p>Residential <input checked="" type="checkbox"/> Commercial <input checked="" type="checkbox"/></p>
	<p>Recessed luminaire where fixed building insulation material (of the downlight manufacturer's specifications) can abut and cover the recessed luminaire</p> <ul style="list-style-type: none"> Building Insulation must pass Needle flame test Building Insulation must maintain structural integrity at 90degrees c <p>Residential <input checked="" type="checkbox"/> Commercial <input checked="" type="checkbox"/></p>
	<p>Recessed luminaire where fixed building insulation material can abut and cover the recessed luminaire</p> <ul style="list-style-type: none"> Building insulation does not have to pass the needle flame test Building Insulation must maintain structural integrity at 90degrees C <p>Residential <input checked="" type="checkbox"/> Commercial <input checked="" type="checkbox"/></p>
	<p>A recessed luminaire where building insulation material must not cover or come</p> <p>Residential <input type="checkbox"/> Commercial <input checked="" type="checkbox"/></p>

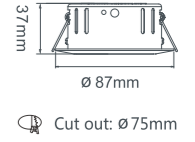
IC COB LED Downlight

Low profile and isolation covered directly



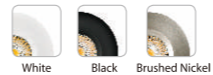
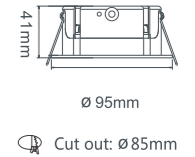
No.: VIC6064

Input: AC 220-240V 50/60 Hz
Wattage/lumen: 5W/ 360lm (3000K)
Color Temperature: 2700K/ 3000K/ 4000K/ 5000K
CRI: Ra>80 (Ra>90 available)
Power Supply: DC 36V 100mA
Power Factor: PF > 0.9
 Dimmable with leading and trailing edge
 Warm Dimming Available



No.: VIC6264

Input: AC 220-240V 50/60 Hz
Wattage/lumen: 6W/ 500lm (3000K)
Color Temperature: 2700K/ 3000K/ 4000K/ 5000K
CRI: Ra>80 (Ra>90 available)
Power Supply: DC 36V 140mA
Power Factor: PF > 0.9
 Dimmable with leading and trailing edge
 Warm Dimming Available



IC COB LED Downlight

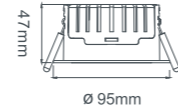
Isolation covered directly



360°

No.: VIC6284

Input: AC 220-240V 50/60 Hz
Wattage/lumen: 8W/ 560lm (3000K)
Color Temperature: 2700K/ 3000K/ 4000K/ 5000K
CRI: Ra>90
Power Supply: DC 36V 180mA
Power Factor: PF > 0.9
 Dimmable with leading and trailing edge
 Warm Dimming Available



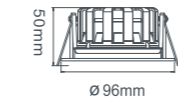
Cut out: Ø83mm



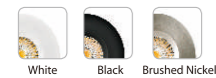
360°

No.:VIC6360

Input: AC 220-240V 50/60 Hz
Wattage/lumen: 8W/ 550lm (3000K)
Color Temperature: 2700K/ 3000K/ 4000K/ 5000K
CRI: Ra>80 (Ra>90 /Ra>97 available)
Power Supply: DC 36V 180mA
Power Factor: PF > 0.9
 Dimmable with leading and trailing edge
 Warm Dimming Available



Cut out: Ø83mm



IC COB LED Downlight

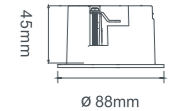
Isolation covered directly



360°

No.: VIC6260

Input: AC 220-240V 50/60 Hz
Wattage/lumen: 5W/ 380lm (3000K)
Color Temperature: 2700K/ 3000K/ 4000K/ 5000K
CRI: Ra>80 (Ra>90 /Ra>97 available)
Power Supply: DC 36V 130mA
Power Factor: PF > 0.9
 Dimmable with leading and trailing edge
 Warm Dimming Available

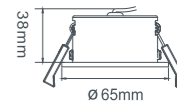


Cut out: Ø76mm

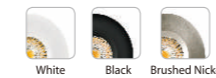


No.: VIC6064F

Input: AC 220-240V 50/60 Hz
Wattage/lumen: 5W/ 380lm (3000K)
Color Temperature: 2700K/ 3000K/ 4000K/ 5000K
CRI: Ra>80 (Ra>90 /Ra>97 available)
Power Supply: DC 36V 130mA
Power Factor: PF > 0.9
 Dimmable with leading and trailing edge
 Warm Dimming Available



Cut out: Ø57mm



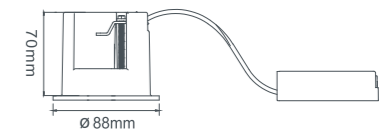
INSULATION DIRECT GU10 Downlight

Alternative springs

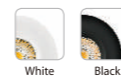


No.: V3224

Input: AC 220-240V 50/60 Hz
Lamp Holder: GU10/ GX5.3
Wattage: 50W Max
Lamp Compatibility: LED and Halogen



Cut out: \varnothing 75mm



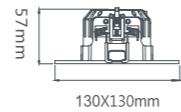
Grille LED Downlight

Easier installation for 8W / 2 × 8W LED



No.: VG6284-1

Input: AC 220-240V 50/60 Hz
Wattage/lumen: 530lm (3000K)
Color Temperature: 2700K/ 3000K/ 4000K/ 5000K
CRI: Ra>80 (Ra>97 available)
Power Supply: DC 36V 180mA
Power Factor: PF > 0.9
 Warm Dimming Available

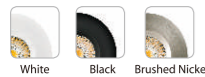
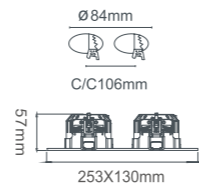


⌀ Cut out: ⌀ 84mm



No.: VG6284-2

Input: AC 220-240V 50/60 Hz
Wattage/lumen: 1050lm (3000K)
Color Temperature: 2700K/ 3000K/ 4000K/ 5000K
CRI: Ra>80 (Ra>97 available)
Power Supply: DC 2X (36V 180mA)
Power Factor: PF > 0.9
 Warm Dimming Available



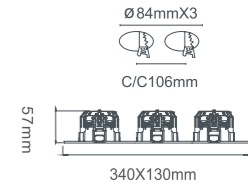
Grille LED Downlight

Easier installation for 3 × 8W LED / 4 × 8W LED



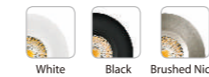
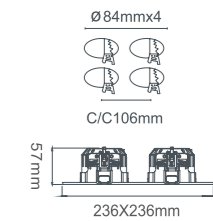
No.: VG6284-3

Input: AC 220-240V 50/60 Hz
Wattage/lumen: 1600lm (3000K)
Color Temperature: 2700K/ 3000K/ 4000K/ 5000K
CRI: Ra>80 (Ra>97 available)
Power Supply: DC 3X (36V 180mA)
Power Factor: PF > 0.9
 Warm Dimming Available



No.: VG6284-4

Input: AC 220-240V 50/60 Hz
Wattage/lumen: 1600lm (3000K)
Color Temperature: 2700K/ 3000K/ 4000K/ 5000K
CRI: Ra>80 (Ra>97 available)
Power Supply: DC 4X (36V 180mA)
Power Factor: PF > 0.9
 Warm Dimming Available



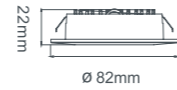
6W LED Cabinet Downlight

A better solution for low Ceiling



No.: CL-6

Input: AC 220-240V 50/60 Hz
Wattage/lumen: 6W/ 400lm (3000K)
Color Temperature: 2700K/ 3000K/ 4000K/ 5000K
CRI: Ra>93 (Ra>80 available)
Power Supply: DC 8~12V 500mA
Power Factor: PF > 0.9
 Dimmable with leading and trailing edge
 Warm Dimming Available

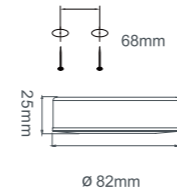


⊗ Cut out: \varnothing 61mm



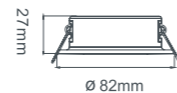
No.: CL-6A

Input: AC 220-240V 50/60 Hz
Wattage/lumen: 6W/ 400lm (3000K)
Color Temperature: 2700K/ 3000K/ 4000K/ 5000K
CRI: Ra>93 (Ra>80 available)
Power Supply: DC 8~12V 500mA
Power Factor: PF > 0.9
 Dimmable with leading and trailing edge
 Warm Dimming Available



No.: CL-6B/ FCL6B

Input: AC 220-240V 50/60 Hz
Wattage/lumen: 6W/ 400lm (3000K)
Color Temperature: 2700K/ 3000K/ 4000K/ 5000K
CRI: Ra>93 (Ra>80 available)
Power Supply: DC 8~12V 500mA
Power Factor: PF > 0.9
 Dimmable with leading and trailing edge
 Warm Dimming Available



⊗ Cut out: \varnothing 72mm



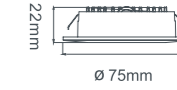
4W LED Cabinet Downlight

A better solution for low Ceiling



No.: CL-4

Input: AC 220-240V 50/60 Hz
Wattage/lumen: 4W/ 300lm (3000K)
Color Temperature: 2700K/ 3000K/ 4000K/ 5000K
CRI: Ra>93 (Ra>80 available)
Power Supply: DC 9V 350mA
Power Factor: PF > 0.9
 Dimmable and non-dimmable a available

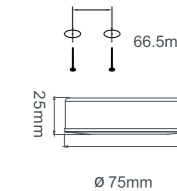


⊗ Cut out: \varnothing 61mm



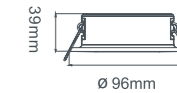
No.: CL-4A

Input: AC 220-240V 50/60 Hz
Wattage/lumen: 4W/ 300lm (3000K)
Color Temperature: 2700K/ 3000K/ 4000K/ 5000K
CRI: Ra>93 (Ra>80 available)
Power Supply: DC 9V 350mA
Power Factor: PF > 0.9
 Dimmable and non-dimmable a available

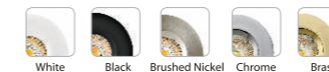


No.: CL-4B

Input: AC 220-240V 50/60 Hz
Wattage/lumen: 4W/ 300lm (3000K)
Color Temperature: 2700K/ 3000K/ 4000K/ 5000K
CRI: Ra>93 (Ra>80 available)
Power Supply: DC 9V 350mA
Power Factor: PF > 0.9
 Dimmable and non-dimmable a available



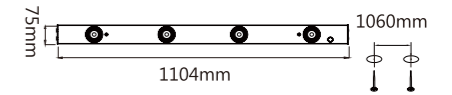
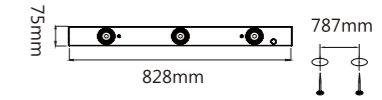
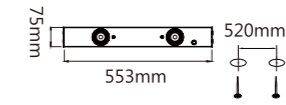
⊗ Cut out: \varnothing 84mm





Cabinet Light

Superior quality 2 X 4W / 3 X 4W / 4 X 4W Cabinet light



No.: CL-2X4

AC 220-240V 50/60 Hz
 450lm (3000K)
 2700K/ 3000K/ 4000K/ 5000K
 Ra>93
 Power Supply: DC 17-36V 350mA
 PF > 0.9
 Dimmable with leading and trailing edge
 Warm Dimming Available



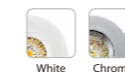
No.: CL-3X4

AC 220-240V 50/60 Hz
 653lm (3000K)
 2700K/ 3000K/ 4000K/ 5000K
 Ra>93
 Power Supply: DC 17-36V 350mA
 PF > 0.9
 Dimmable with leading and trailing edge
 Warm Dimming Available



No.: CL-4X4

AC 220-240V 50/60 Hz
 750lm (3000K)
 2700K/ 3000K/ 4000K/ 5000K
 Ra>93
 Power Supply: DC 17-36V 350mA
 PF > 0.9
 Dimmable with leading and trailing edge
 Warm Dimming Available



SCREW FREE INSTALLATION

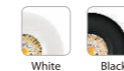
Quick & Easy

- Patent pending
- Screw Free installation, One-Second-Installation
- Specially designed for surface mounted downlights, spot lights etc



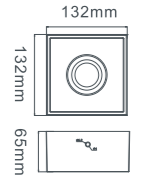
Quick Installation

Quick & Easy & Time & Labor saving



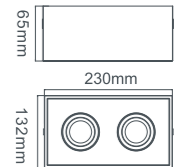
No.: STM6284

Input: AC 220-240V 50/60 Hz
Wattage/lumen: 8W/ 550lm (3000K)
Color Temperature: 2700K/ 3000K/ 4000K/ 5000K
CRI: Ra>80 (Ra>97 available)
Power Supply: DC 36V 180mA
Power Factor: PF > 0.9
 Dimmable with leading and trailing edge



No.:STM6284-2

Input: AC 220-240V 50/60 Hz
Wattage/lumen: 8W/ 2X550lm (3000K)
Color Temperature: 2700K/ 3000K/ 4000K/ 5000K
CRI: Ra>80(Ra>97 available)
Power Supply: DC 36V 180mA
Power Factor: PF > 0.9
 Warm Dimming Available



QUICK LED

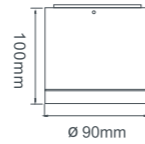
Quick Installation

Quick & Easy & Time & Labor saving



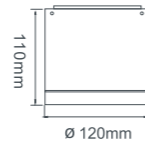
No.: RDL-13

Input: AC 220-240V 50/60 Hz
Wattage/lumen: 13W/ >850lm (3000K)
Color Temperature: 3000K/ 4000K/ 5000K
CRI: Ra>90 (Ra>80 available)
 Dimmable with leading and trailing edge
 Color switchable Available



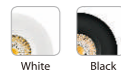
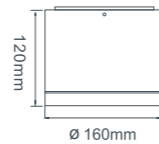
No.: RDL-25

Input: AC 220-240V 50/60 Hz
Wattage/lumen: 25W/ >2200lm (3000K)
Color Temperature: 3000K/ 4000K/ 5000K
CRI: Ra>90 (Ra>80 available)
 Dimmable with leading and trailing edge
 Color switchable Available



No.: RDL-35

Input: AC 220-240V 50/60 Hz
Wattage/lumen: 35W/ >2800lm (3000K)
Color Temperature: 3000K/ 4000K/ 5000K
CRI: Ra>90 (Ra>80 available)
 Dimmable with leading and trailing edge
 Color switchable Available



Quick Installation

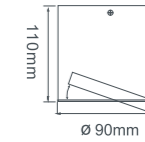
Quick & Easy & Time & Labor saving

New AC Technology
 Fantastic dimming performance
 COB LED chip
 Universal Tilt
 IP44



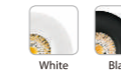
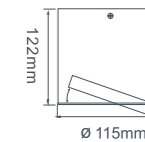
No.: TDL-10

Input: AC 220-240V 50/60 Hz
Wattage/lumen: 10W/ >900lm (3000K)
Color Temperature: 3000K/ 4000K/ 5000K
CRI: Ra>90 (Ra>80 available)
 Dimmable with leading and trailing edge
 Color switchable Available



No.: TDL-20

Input: AC 220-240V 50/60 Hz
Wattage/lumen: 20W/ >1800lm (3000K)
Color Temperature: 3000K/ 4000K/ 5000K
CRI: Ra>90 (Ra>80 available)
 Dimmable with leading and trailing edge
 Color switchable Available



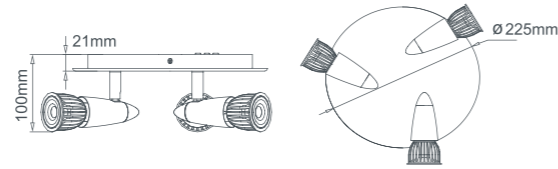
QUICK LED

Quick Installation

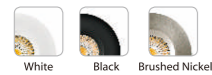
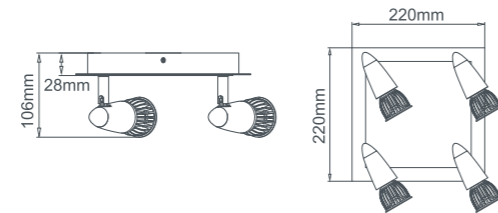
Quick & Easy & Time & Labor saving



No.: CDL-3A



No.: CSL-4A

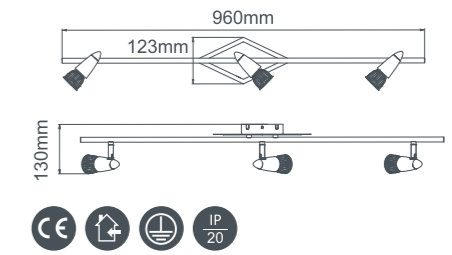


Quick Installation

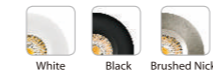
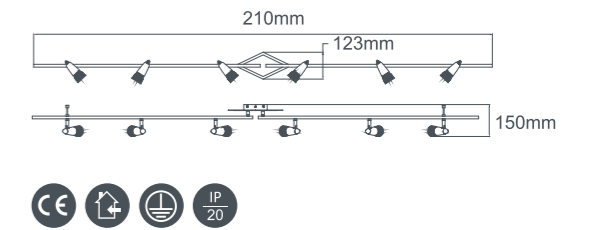
Quick & Easy & Time & Labor saving



No.: CPL-3A



No.: CPL-6A



QUICK LED

IC Fire-rated Downlight

IC standing for insulation compatible



FEATURES:

LAMP COMPATIBILITY

Accepts CFL, LED and Halogen

INSULATION COMPATIBLE

Versatile, Easy Install

FREE AIR FLOW

Optimum Lamp Life

90 minute

Fire Protection

IC FRD Patent Nos:

Registered Design No:

ZL201030582885.3

Registered Design No:

001851718

Patent No:

2011201610590.0

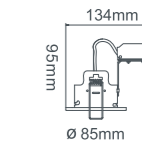
Pressed Steel IC Fire-rated Downlight

Giving the freedom of lamp choice



🔥 No.: F1001

Input: AC 220-240V 50/60 Hz
Lamp Holder: GU10/ GX5.3
Wattage: 50W Max
Fire Protection: 30/60/90 minute
Lamp Compatibility: LED and Halogen

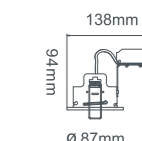


🔊 Cut out: Ø 68mm



🔥 No.: F1034

Input: AC 220-240V 50/60 Hz
Lamp Holder: GU10/ GX5.3
Wattage: 50W Max
Fire Protection: 30/60/90 minute
Lamp Compatibility: LED and Halogen

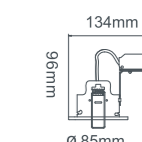


🔊 Cut out: Ø 78mm

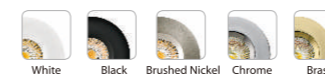


🔥 No.: F1032

Input: AC 220-240V 50/60 Hz
Lamp Holder: GU10/ GX5.3
Wattage: 50W Max
Fire Protection: 30/60/90 minute
Lamp Compatibility: LED and Halogen



🔊 Cut out: Ø 78mm



FIRE-RATED

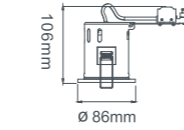
IC Fire-rated Downlight

30/60/90 minute fire-rated tested



🔥 No.: IC3213

Input: AC 220-240V 50/60 Hz
Lamp Holder: GU10/ GX5.3
Wattage: 50W Max
Fire Protection: 30/60/90 minute
Lamp Compatibility: LED and Halogen

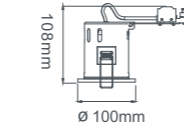


🔊 Cut out: \varnothing 72mm



🔥 No.: IC3214

Input: AC 220-240V 50/60 Hz
Lamp Holder: GU10/ GX5.3
Wattage: 50W Max
Fire Protection: 30/60/90 minute
Lamp Compatibility: LED and Halogen

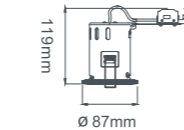


🔊 Cut out: \varnothing 84mm



🔥 No.: IC1232

Input: AC 220-240V 50/60 Hz
Lamp Holder: GU10/ GX5.3
Wattage: 50W Max
Fire Protection: 30/60/90 minute
Lamp Compatibility: LED and Halogen



🔊 Cut out: \varnothing 72mm



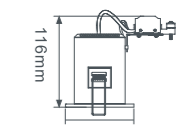
Pressed Steel Fire-rated Downlight

30/60/90 minute fire-rated tested



🔥 No.: F1201

Input: AC 220-240V 50/60 Hz
Lamp Holder: GU10/ GX5.3
Wattage: 50W Max
Fire Protection: 30/60/90 minute
Lamp Compatibility: LED and Halogen

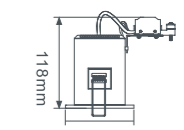


🔊 Cut out: \varnothing 65mm



🔥 No.: F3214Z

Input: AC 220-240V 50/60 Hz
Lamp Holder: GU10/ GX5.3
Wattage: 50W Max
Fire Protection: 30/60/90 minute
Lamp Compatibility: LED and Halogen

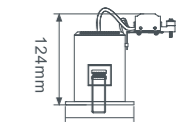


🔊 Cut out: \varnothing 80mm

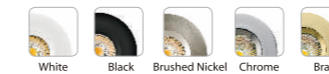


🔥 No.: F1232C

Input: AC 220-240V 50/60 Hz
Lamp Holder: GU10/ GX5.3
Wattage: 50W Max
Fire Protection: 30/60/90 minute
Lamp Compatibility: LED and Halogen













🔊 Cut out: \varnothing 72mm



FIRE-RATED



-  **One-Key Operate**
Press one button on smart phone or tablet to control the lighting of whole house.
-  **Brightness Adjustment**
Fully dimmable from 0% to 100%.
-  **Color Temperature Adjustment**
Optional color temperature from 2700K up to 5000k.
-  **Audio System Integrated**
Music in smart phone or tablet can be played through integrated audio system.
-  **Wireless Control**
Light-Sound-Color lighting system controlled through reliable WIFI and ZigBee.

-  **RGBW**
16 million different light colors optional.
-  **Pre-set Scenes**
Different lighting environment pre-set as scenes with photos.
-  **User-friendly Interface**
Friendly interface of APP makes easy operation.
-  **Encrypted Protection**
Encryption of APP and signal provide strong protection.
-  **Android / iOS Compatible**
APP can be downloaded from Google Play and Apple Store.

Smart Music Lighting System

LED downlight with bluetooth speaker + Zigbee controllable



TUNABLE WHITE

Input	AC 220V~240V 50Hz
Power	8W
Power Factor	>0.7
Luminous Flux	600lm(3000K)
Dimming	1%~100%
CCT Adjustment	2700K~5000K
Color Rendering Index	Ra>80
Beam Angle	40°
Lighting Transmission	WiFi-ZigBee

DIMMABLE

Input	AC 220V~240V 50Hz
Power	8W
Power Factor	>0.9
Luminous Flux	600lm(3000K)
Dimming	10%~100%
Color Temperature	2700K/3000K/4000K/5000K
Color Rendering Index	Ra>80
Beam Angle	40°

Dimmable with leading and trailing edge

RGB

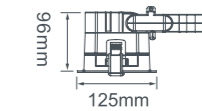
Power	3W
Color Option	16 million
Color Changing Model	Flicker, Jump, Gradual Change, Alarm etc.
Lighting Transmission	WiFi-ZigBee

SOUND

Power	15W
Audio Sound Track	2.0
Sound Transmission	Bluetooth

SOUND

Power	15W
Audio Sound Track	2.0
Sound Transmission	Bluetooth



Cut out: Ø106mm



Music Light

Can adjust the light color to bring you a wonderful visual sense



No.: VZ9040

Dimmable Music COB LED downlight

Dimmable + music



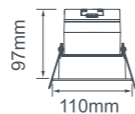
No.: FZ6085-E

DIMMABLE

Input	AC 220V~240V 50Hz
Power	8W
Power Factor	>0.9
Luminous Flux	600lm(3000K)
Dimming	10%~100%
Color Temperature	2700K/3000K/4000K/5000K
Color Rendering Index	Ra>80
Beam Angle	40°
Dimmable with leading and trailing edge	

SOUND

Power	15W
Audio Sound Track	2.0
Sound Transmission	Bluetooth



☞ Cut out: ø90mm



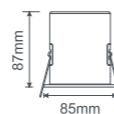
No.: FZ6085-D

DIMMABLE

Input	AC 220V~240V 50Hz
Power	8W
Power Factor	>0.9
Luminous Flux	600lm(3000K)
Dimming	10%~100%
Color Temperature	2700K/3000K/4000K/5000K
Color Rendering Index	Ra>80
Beam Angle	40°
Dimmable with leading and trailing edge	

SOUND

Power	15W
Audio Sound Track	2.0
Sound Transmission	Bluetooth



☞ Cut out: ø70mm

FAQ

How to choose the right Color Temperature?

Color rendering and appearance are critical considerations in light source selections. Correlated Color Temperature (CCT) relates to the color of light produced by a light source, and uses the Kelvin temperature measurement scale. Color rendering index (CRI) is a measure of how accurately an artificial light source displays colors. The higher the CRI (80 and above), the better the artificial light source is at rendering colors accurately. Warm White (2600K – 3200K) is the warmest option that most closely approximates a standard halogen bulb. It is most often used in areas like living rooms. Bright White (3200K – 4500K) is a whiter light than soft white and is most often selected for kitchens and bathrooms or work spaces. Daylight (4500K – 6500K) is recommended for reading areas or for use in craft rooms and is a more bluish white that most closely approximates an outdoor overcast sky.

How many lights am I going to need?

This question has no easy answer, as opinions on this subject vary greatly. However, a good rule of thumb is to take the height of the ceiling and divide it in half. This is the distance that each light should be from one another. The total number of lights will also be affected by the type and wattage of bulb being used. Spot lights with narrow beams will produce pockets or pools of light, while flood type bulbs will produce broader amounts of light.

Are LEDs bad for your eyes?

Like any light source, if you stare too long it will cause some discomfort and or imaging. However, if LED products are used the same way traditional lighting is used, they will not damage your eyes.

Why Choose Vertex Lighting?

With over 18 years in the lighting industry, Vertex Lighting is concentrated on researching and producing innovative lighting products, supplying best solutions for electricians, to save time and protect their safety, and gives 5 years warranty for most of our products.

PATENTED INNOVATION

ITEM	REGION	PATENT NO	ITEM	REGION	PATENT NO
1	CHINA	ZL 2010 3 0019692.7	32	CHINA	ZL 2015 3 0009810.9
2	CHINA	ZL 2010 3 0563054.1	33	CHINA	ZL 2015 3 0041810.7
3	CHINA	ZL 2010 3 0563052.2	34	CHINA	ZL 2015 3 0022518.0
4	CHINA	ZL 201230163511.7	35	CHINA	ZL 2015 3 0022610.7
5	CHINA	ZL 201230280990.0	36	CHINA	ZL 2015 3 0022728.X
6	CHINA	ZL 201230280989.8	37	CHINA	ZL 2007 2 0052007.3
7	CHINA	ZL 2012 3 0461971.8	38	CHINA	ZL 2007 2 0053990.0
8	CHINA	ZL 2012 3 0630185.6	39	CHINA	ZL 2007 2 0061290.6
9	CHINA	ZL 2013 3 0664274.2	40	CHINA	ZL 2008 2 0045172.0
10	CHINA	ZL 201330298355.X	41	CHINA	ZL 2011 2 0161059.0
11	CHINA	ZL 201330344925.4	42	CHINA	ZL 2011 2 0372201.6
12	CHINA	ZL 201330503379.4	43	CHINA	ZL 2011 2 0413448.8
13	CHINA	ZL 2013 3 0503264.5	44	CHINA	ZL 2014 2 0159481.6
14	CHINA	ZL 2013 3 0503378.X	45	CHINA	ZL 2014 2 0170275.5
15	CHINA	ZL 2013 3 0529539.2	46	CHINA	ZL 2014 2 0170281.0
16	CHINA	ZL 2013 3 0529652.0	47	CHINA	ZL 2012 2 0470056.X
17	CHINA	ZL 2014 3 0018983.2	48	CHINA	ZL 2012 2 0483017.3
18	CHINA	ZL 2014 3 0073938.7	49	CHINA	ZL 2013 2 0626921.X
19	CHINA	ZL 2014 3 0150930.6	50	CHINA	ZL 2014 2 0159511.3
20	CHINA	ZL 2014 3 0238226.6	51	CHINA	ZL 2014 2 0247754.2
21	CHINA	ZL 2014 3 0276939.1	52	CHINA	ZL 2014 2 0525419.4
22	CHINA	ZL 2014 3 0276928.3	53	CHINA	ZL 2014 2 0162540.5
23	CHINA	ZL 2014 3 0276938.7	54	CHINA	ZL 2014 2 0654284.1
24	CHINA	ZL 2014 3 0276771.4	55	CHINA	ZL 2015 2 0041311.2
25	CHINA	ZL 2014 3 0399720.0	56	CHINA	ZL 2015 2 0229260.6
26	CHINA	ZL 2014 3 0385275.2	57	CHINA	ZL 2015 2 0181519.4
27	CHINA	ZL 2014 3 0385229.2	58	CHINA	ZL 2004 1 0027598.X
28	CHINA	ZL 2014 3 0460857.2	59	CHINA	ZL 2008 1 0169459.9
29	CHINA	ZL 2014 3 0517850.X	60	CHINA	ZL 2008 1 0184497.1
30	CHINA	ZL 2014 3 0518180.3	61	CHINA	ZL 2009 1 0109944.1
31	CHINA	ZL 2015 3 0009782.0	62	CHINA	ZL 2010 1 0521561.8

ITEM	REGION	PATENT NO	ITEM	REGION	PATENT NO
1	E.U	84698	12	E.U	002739920-0001~002739920-0006
2	E.U	2778509	13	E.U	002735225-0001~002735225-0004
3	E.U	1754935	14	Norway	084250
4	E.U	001727413-0001~0004	15	Norway	084265
5	E.U	1851718-0001~0006	16	Norway	084492
6	E.U	002133702-0001-0004	17	Norway	84919
7	E.U	002208355-0001-0002	18	Norway	002625822-0001~002625822-0008
8	E.U	002378737-0001-0002	19	U.S.A	US 8,333,490 B2
9	E.U	002388637-0001	20	U.S.A	US9709257B2
10	E.U	002451583-0001-007	21	Canada	172308
11	E.U	002584706-0001			

Working for a Safer and Better World

We are proud of our company and the lighting career we are dedicated to, because, we are doing something for a safer and better living and working environment for people. Our work is far beyond our company's particular interests.

**To concentrate our efforts and resources on fire safety and electrical safety of lighting products, making homes to be safer.*

**To upgrade lighting products and their quality through innovation, making a better living and working environment for people.*

**To be honest and cooperate fairly with trade partners, which allow us to meet our company ambition and mission, and which allow our career to last forever.*

**To invest in our people and encourage our people to be self-educated and seek self-growth.*

**Each of us to be a good citizen and our company to be a good example of social responsibility.*

