

LIGHT'IN

Adjustable 3W Cree LED Reading Light, 2700K/3000K, 700mA

Specifications

Characteristics

Material	Aluminum Alloy
Color Optional	Texture white/ black, Brush, Chrome Plated
Optics	PMMA Lens

Electrical Specifications

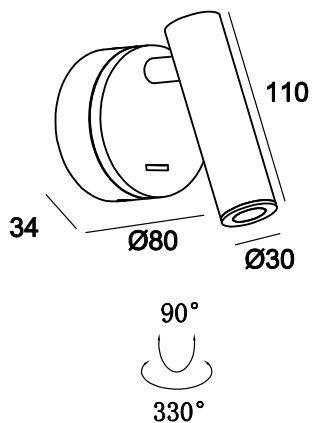
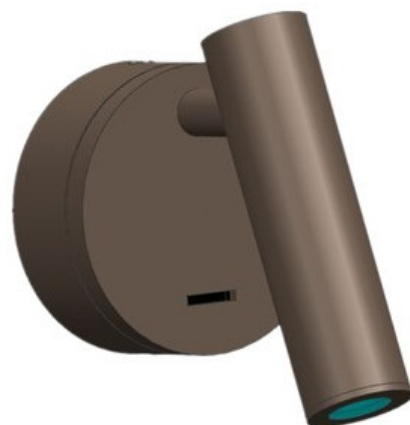
Power	3W
Input current	700mA

Photometric Result

Light source	Cree LED
Color temperature	2700/3000 K
Luminous flux	150 lm
Beam angle	25°/40°/60°
LED Type	high power led
LED Qty	1

Dimensions

Overall Dimension	Dia 110*30*H34mm
Cutout	N/A





LIGHT'IN
VOTRE UNIVERS LED



Technical Application LED Downlight

ENC182A-2.5-8W

Introduction



ENC182 LED recessed downlight adopts super slim and compact design, perfectly suitable for the narrow ceiling installation. IP65 rating front cover design, suitable for damp environment. Traditional diamond plaited surface lens design ensures the high light transmittance and uniform lighting output. T-shape heat sink greatly increases the radiation area and improves cooling efficiency. The fitting could be rotated from 0 to 30 degree in horizontal direction, which can expand the illumination area.

- Up to 70% energy saving compared to standard CFL
- Long lifetime of 40,000 hours
- Triac dim, 0-10V dim, DALI dim
- 36°/60° wide beam angle
- Ø68-72mm cutout
- CCT: 2700K 3000K
4000K 5000K
- No UV/IR light
- Environment friendly, without Mercury or any other hazardous substances

Application notes

- Professional electrician for installation only
- Switch off before installation
- Do not touch when in use
- Keep away from hot steam and corrosive gas

Application Areas

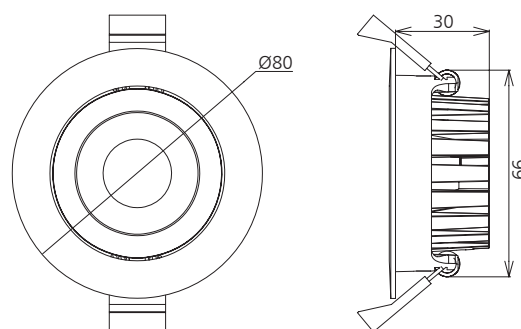
It is designed for general lighting applications in office, supermarket, shop, school, hotel, etc. It is also widely used for public areas, such as stairway, lobby, reception, corridors etc.

Certificate

CE RoHS SAA



Product Information



Technical Specifications

Model	Voltage	Power	Power Factor	Lumen (±5%)	Beam angle	CCT	Lifespan	CRI	Dimmable	Dimension
ENC182A-2.5-8W	AC230V	8W	≥0.9	700	36°/60°	2700K	40000h	≥80	No	Ø80*30mm cutout Ø68-72mm
ENC182A-2.5-8W	AC230V	8W	≥0.9	735	36°/60°	3000K	40000h	≥80	No	Ø80*30mm cutout Ø68-72mm
ENC182A-2.5-8W	AC230V	8W	≥0.9	815	36°/60°	4000K	40000h	≥80	No	Ø80*30mm cutout Ø68-72mm
ENC182A-2.5-8W	AC230V	8W	≥0.9	800	36°/60°	5000K	40000h	≥80	No	Ø80*30mm cutout Ø68-72mm
ENC182A-2.5-8W-D	AC230V	8W	≥0.9	695	36°/60°	2700K	40000h	≥80	Yes	Ø80*30mm cutout Ø68-72mm
ENC182A-2.5-8W-D	AC230V	8W	≥0.9	720	36°/60°	3000K	40000h	≥80	Yes	Ø80*30mm cutout Ø68-72mm
ENC182A-2.5-8W-D	AC230V	8W	≥0.9	805	36°/60°	4000K	40000h	≥80	Yes	Ø80*30mm cutout Ø68-72mm
ENC182A-2.5-8W-D	AC230V	8W	≥0.9	780	36°/60°	5000K	40000h	≥80	Yes	Ø80*30mm cutout Ø68-72mm
ENC182A-2.5-8W	AC230V	8W	≥0.9	535	36°/60°	2700K	40000h	≥90	No	Ø80*30mm cutout Ø68-72mm
ENC182A-2.5-8W	AC230V	8W	≥0.9	570	36°/60°	3000K	40000h	≥90	No	Ø80*30mm cutout Ø68-72mm
ENC182A-2.5-8W	AC230V	8W	≥0.9	620	36°/60°	4000K	40000h	≥90	No	Ø80*30mm cutout Ø68-72mm
ENC182A-2.5-8W	AC230V	8W	≥0.9	590	36°/60°	5000K	40000h	≥90	No	Ø80*30mm cutout Ø68-72mm
ENC182A-2.5-8W-D	AC230V	8W	≥0.9	530	36°/60°	2700K	40000h	≥90	Yes	Ø80*30mm cutout Ø68-72mm
ENC182A-2.5-8W-D	AC230V	8W	≥0.9	560	36°/60°	3000K	40000h	≥90	Yes	Ø80*30mm cutout Ø68-72mm
ENC182A-2.5-8W-D	AC230V	8W	≥0.9	620	36°/60°	4000K	40000h	≥90	Yes	Ø80*30mm cutout Ø68-72mm
ENC182A-2.5-8W-D	AC230V	8W	≥0.9	575	36°/60°	5000K	40000h	≥90	Yes	Ø80*30mm cutout Ø68-72mm

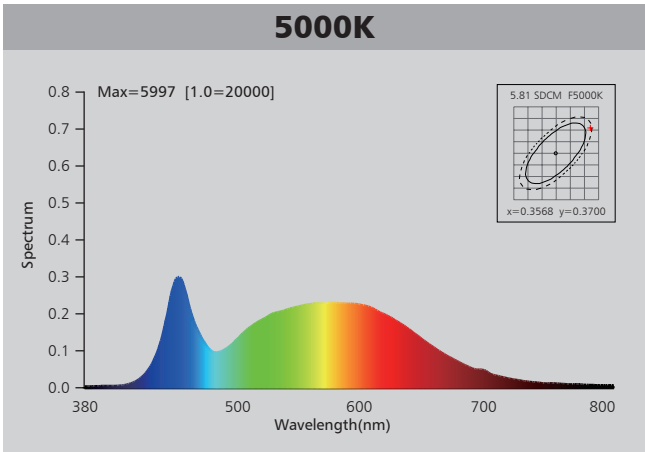
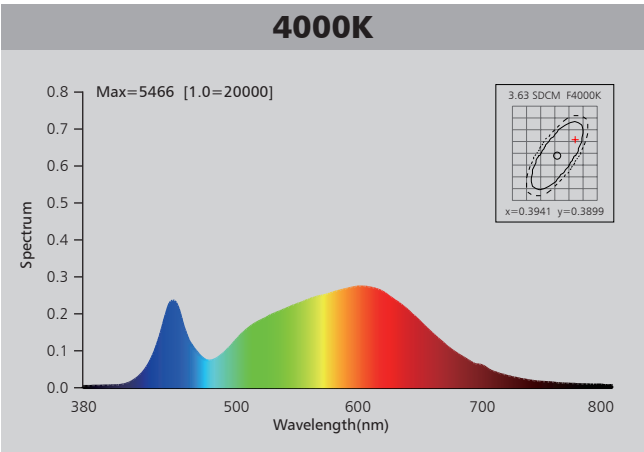
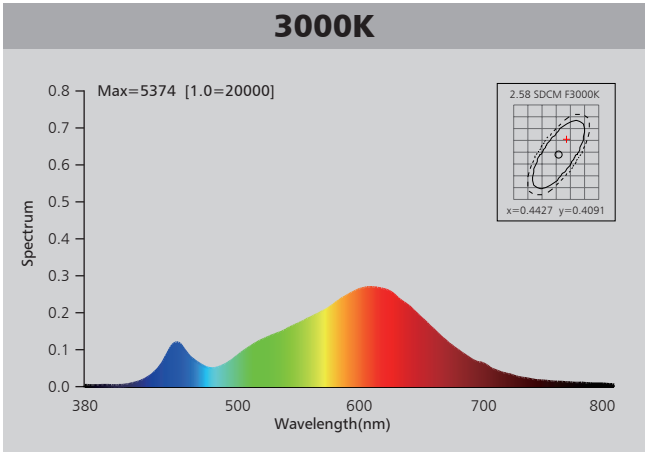
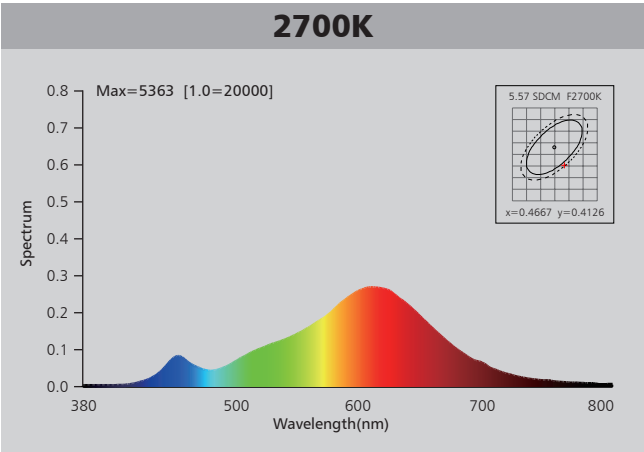
Driver data Sheet

Driver data	DIM	Non dim
Input rated Voltage	AC230V	AC230V
Frequency	50Hz	50/60Hz
Input Voltage	AC200-240V	AC200-240V
Efficiency	≥78%	≥80%
Total load Wattage	8W±0.5W	8W±0.5W
Power Factor	≥0.9	≥0.9
Rated input current	≤0.045A	≤0.045A
Full load output Voltage	DC28-38V	DC27-42V
Rated output current	180mA	185mA
Output current range	180mA±5%	185mA±5%
Power tolerance	±5%	±5%
Current output tolerance	±5%	±5%
Dimming range	8%-100%	—
Dimmer	Triac dimmers	—
Short circuit protection	PASS	PASS
Over voltage protection	PASS	PASS
Over temperature protection	PASS	PASS
THD	≤20%	≤18%
Withstand voltage	AC3750V	AC3750V

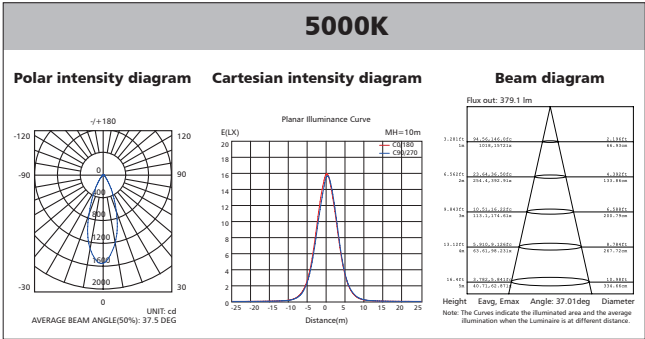
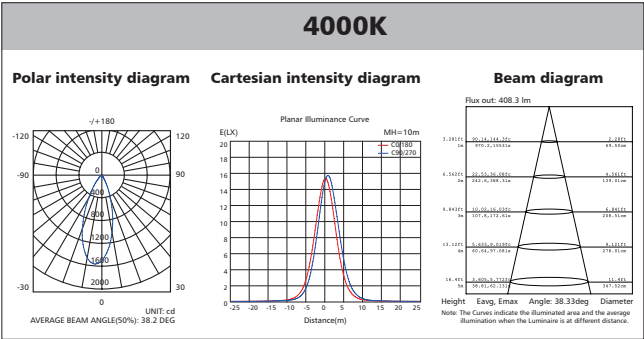
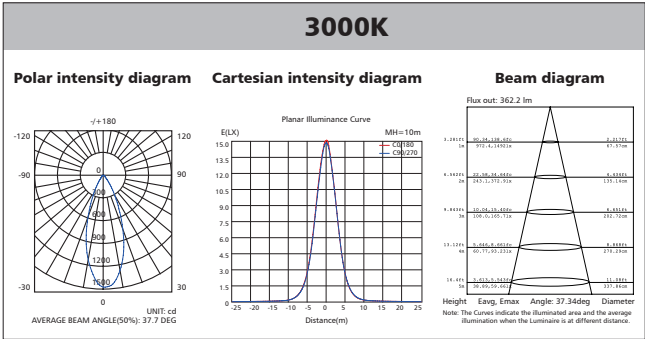
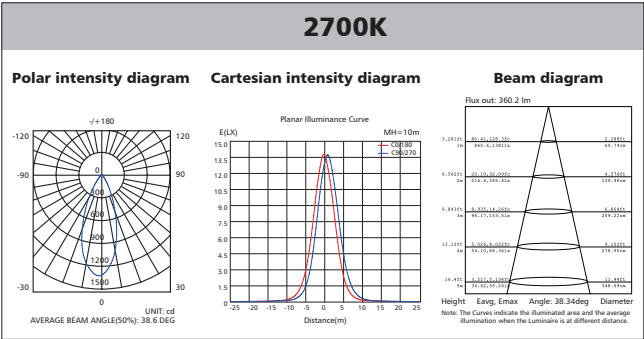
Fixture Compatibility

Rated Wattage	Electrical Classification	Ingress Protection	Operating Temp	Operating Humidity	Storage Temp
8W	II	IP65	-20°C~45°C	0~90%	-20°C~65°C

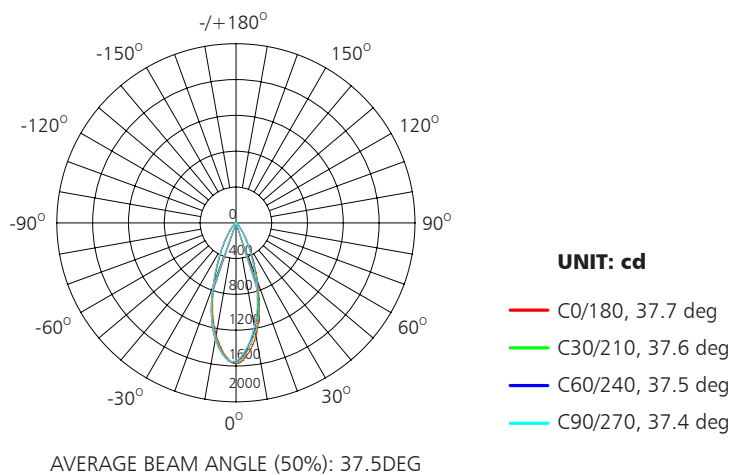
Spectral Distribution



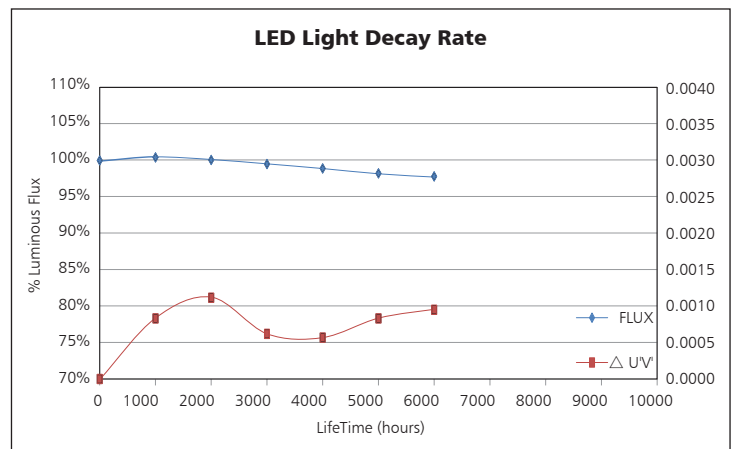
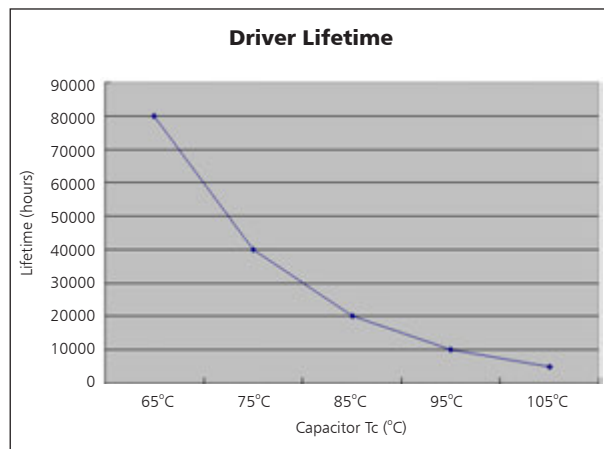
Photometric Diagram



Polar Diagram Comparison

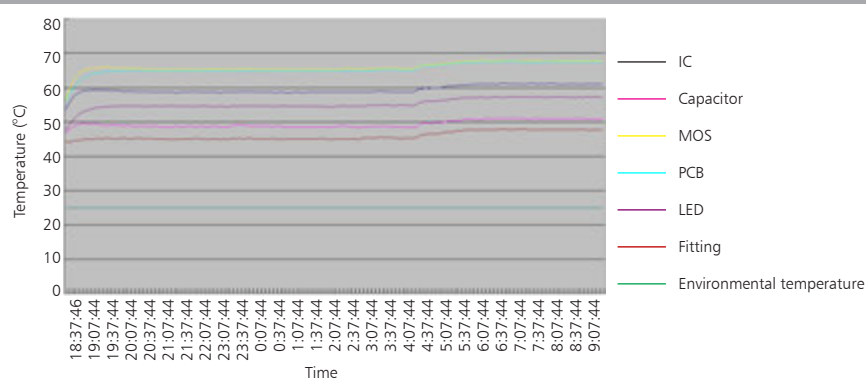


Driver lifetime & LED light decay rate



Temperature

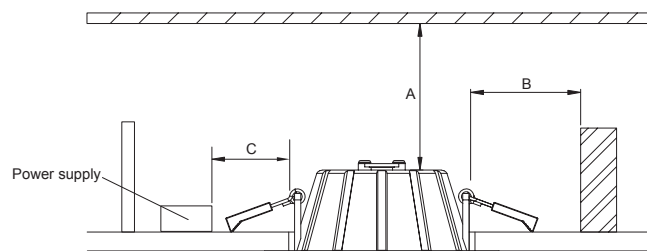
- The testing is operated at 25°C
- The lifetime of capacitor, minimum of 5,000 hours if operated at 105°C, will be doubled whenever the temperature drops 10°C
- The highest withstand temperature of IC, MOS could be 120°C
- The highest withstand temperature of LED junction temperature is 150°C



The driver lifespan is based on capacitor working temperature.

Installation

Install requirements	
A-gap above the fitting	25mm
B-gap to the building material	25mm
C-gap to the thermal insulation	50mm



1. Open a hole according to the cutout size of led downlight.

2. Use screw-driver to open the driver terminal cover, feed the main AC wire L. N. in terminal block respectively, then fix the cover back.

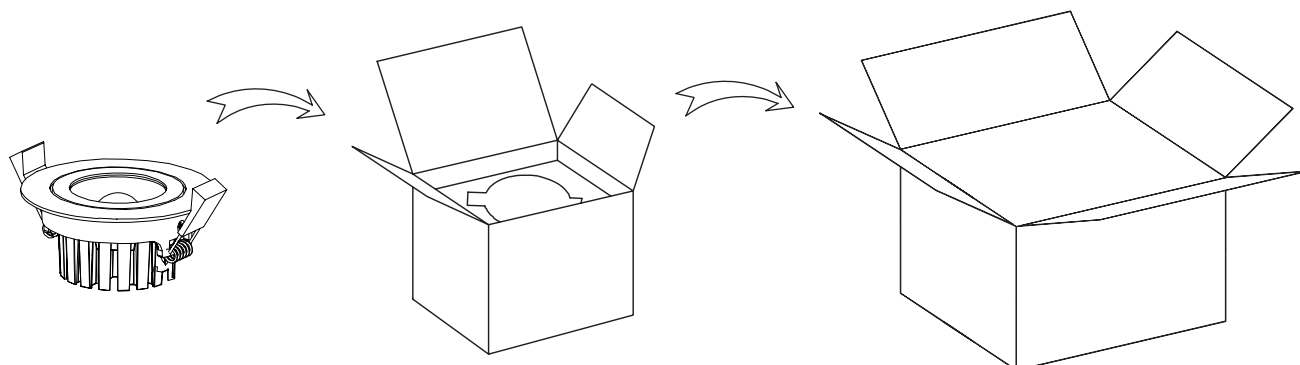
3. Connect the downlight with driver, hold back the spring clip then push the downlight into the hole.

4. Make sure the downlight fixed tightly in ceiling, turn on the power (Fig 1).

Packaging Information

	SIZE(CM)	N.W/pc (KGS)	G.W.(KGS)	Q'TY(PCS)
Carton	52.5*52.5*15	0.195	13.5	50

	CTNS	Q'TY(PCS)	VOLUME(CBM)
20" standard container	660	33000	28
40" standard container	1320	66000	56





WE040



Double inter. V&V Essensya

Architecture

Type de commande	Interrupteur
Type d'organe de commande	touche double
Nombre de touches	2
Mode de fixation	encastré

Commandes & indicateurs

Voyant lumineux	en accessoire
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Principales caractéristiques électriques

Fréquence assignée	50/60 Hz
Tension nominale	250V

Capacité

Nombre de module pour l'appareillage mural	2
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Matières

Couleur	blanc
Couleur RAL	RAL 9010 - Blanc pur
Matière	polycarbonate
Matière	polycarbonate (PC)
Type de traitement de surface	brillant

Dimensions

Profondeur produit installé	35 mm
Hauteur produit installé	70 mm
Dimensions (LLxllxhh)	75x75x36
Largeur produit installé	75 mm

Connexion

Section de raccordement en câble souple	1,5 / 2,5mm ²
Section de raccordement en câble rigide	mini 2x1 mm ² - maxi 2x2,5 mm ²
Type de connexion	cage sans vis
Type de bornier	quick connect
Type de contact	va et vient

Standards

Homologations	EN 60669-1
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Sécurité

Code de protection IK contre les chocs mécaniques	07
Indice de protection IP	IP31
Essai fil incandescent	/NF EN 60-695-2

Conditions d'utilisation

Température de stockage	-10 à 50 °C
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Identification

Série	essensya
Composition	mécanisme avec enjoliveur (ou doigt)



WE001



Interrupteur va-et-vient Essensya 10A

Architecture

Type de commande	Interrupteur
Type d'organe de commande	touche simple
Nombre de touches	1
Mode de fixation	encastré

Commandes & indicateurs

Voyant lumineux	non
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Principales caractéristiques électriques

Fréquence assignée	50/60 Hz
Tension nominale	250V

Capacité

Nombre de module pour l'appareillage mural	2
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Matières

Couleur	blanc
Couleur RAL	RAL 9010 - Blanc pur
Matière	polycarbonate
Matière	polycarbonate (PC)
Type de traitement de surface	laqué

Dimensions

Profondeur produit installé	35 mm
Hauteur produit installé	70 mm
Dimensions (LLxllxhh)	75x75x36
Largeur produit installé	75 mm

Connexion

Section de raccordement en câble souple	1,5 / 2,5mm ²
Section de raccordement en câble rigide	mini 2x1 mm ² - maxi 2x2,5 mm ²
Type de connexion	cage sans vis
Type de bornier	quick connect
Type de contact	va et vient

Équipement

Repérage	non
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Standards

Homologations	EN 60669-1
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Sécurité

Code de protection IK contre les chocs mécaniques	07
Indice de protection IP	IP41
Essai fil incandescent	/NF EN 60-695-2

Conditions d'utilisation

Température de stockage	-10 à 50 °C
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Identification

Série	essensya
Composition	mécanisme avec enjoliveur (ou doigt)



Plaque 1 poste Essensya Blanc

WE401

Sécurité	
Indice de protection IP	IP20
Identification	
Série	essensya



Prise 2P+T Essensya 16A SanVis

WE100



Architecture

Type de pôles	2P+T
Mode de fixation	encastré

Fonctions

fonction interrupteur	non
Protection contre les surtensions	non

Commandes & indicateurs

Voyant lumineux	non
avec ou sans voyant	sans

Connectivité

Avec prise USB de charge	non
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Principales caractéristiques électriques

Fréquence assignée	50/60 Hz
Tension nominale	250V

Capacité

Nombre de module pour l'appareillage mural	2
Nombre d'emplacements de modules	2

Porte, couvercle

Cadenassable	non
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Alimentation

Alimentation spéciale de courant	Sans alimentation par courant spécial
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Matières

Couleur RAL	RAL 9010 - Blanc pur
Matière	polycarbonate
Matière	polycarbonate (PC)
Aspect de la surface	brillant

Caractéristiques

Type de traitement de surface	brillant
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Dimensions

Profondeur produit installé	22,8 mm
Hauteur produit installé	70 mm
Dimensions (LLxllxhh)	75x75x37
Largeur produit installé	70 mm

Installation, montage

Mode de fixation	A vis
Type de montage	encastré / saillie

Connexion

Section de raccordement en câble rigide	1,5 / 2,5mm ²
Type de connexion	cage sans vis
Prise de phase	L1

Equipement

porte étiquette transparent	non
Commutateur marche/arrêt	non
Isolé	oui

Standards

Homologations	NF
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Sécurité

Code de protection IK contre les chocs mécaniques	07
Indice de protection IP	21D
sans halogène	oui

Identification

Série	essensya
Version	F



LED CYLINDER

UP-SUS001

Introduction



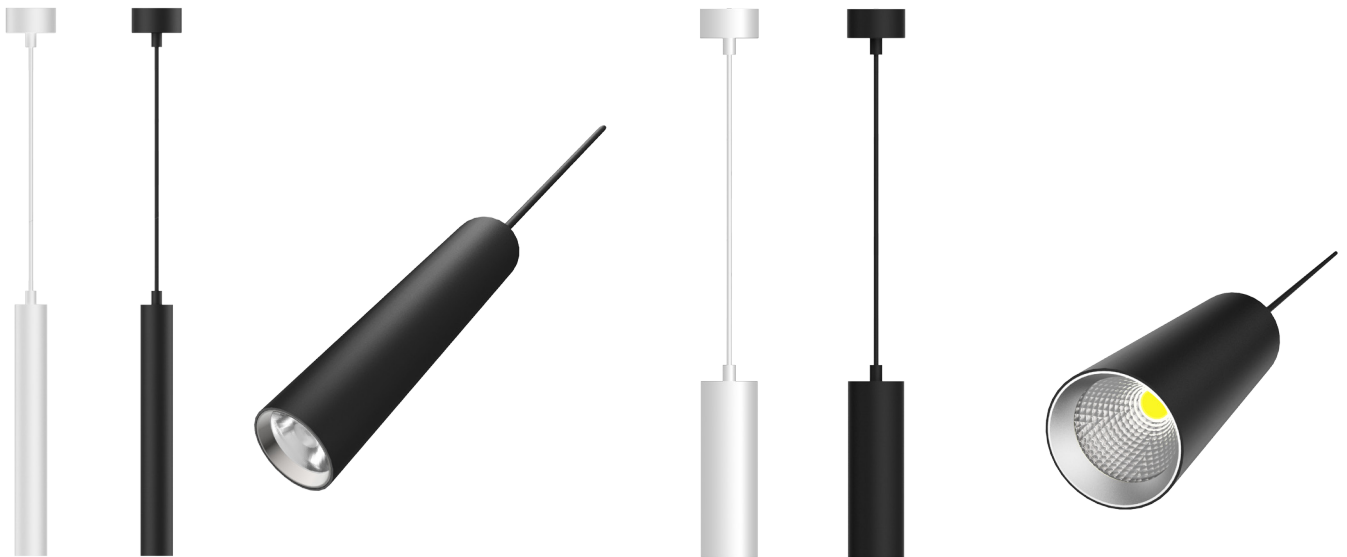
SUS001 whole lamp adopts straightforward design with stylish appearance, easy to install, simple and generous, paying more attention to leisure and comfort. It gives space a clear and lively feelings. Different color of surface ring is optional, which could create diversified light atmosphere according to different environment.

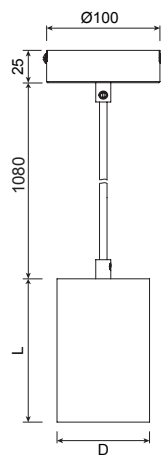
Features

The lamp adopts high quality reflector which has good reflective rate and light output $> 85\%$. High lumen COB chip with $\text{CRI} > 80$. $\text{THD} < 20\%$, passed EMC test with strong anti-jamming capability. Besides, it possesses short-circuit protection and overvoltage protection function, showing high safety performance.

Application Areas

Applicable for residential lighting in bedroom, living room, corridor etc, also suitable for commercial lighting in office, hotel, restaurant etc.





Measurement

Model	Dimension(mm)		Size(mm)	Product Weight (Kg)		Package weight (Kg)		Carton Size(cm)	Qty/CTN	20GP (pcs)	40HQ (pcs)
	D	L		N.W/PC	G.W/PC	N.W/CTN	G.W/CTN				
5W	39	300	Ø39*300	0.51	0.6	9.2	12	46.5*38*35	18	7776	18900
5W	39	500	Ø39*500	0.65	0.78	11.8	15.5	66.5*38*35	18	5184	12852
10W	58	180	Ø58*180	0.54	0.62	6.5	8.3	47.5*25.5*36	12	7440	18240

Technical Data Sheet

Model No.			SUS001-5W	SUS001-5W	SUS001-10W
Watt(W)			5W	5W	10W
Dimension(mm)			Ø39*300	Ø39*500	Ø58*180
Rated Input Voltage(V)			AC230V		
Input Voltage(V)			AC200-240V		
LED			COB		
SDCM			<6		
CCT(K)			1-CCT: 2700K / 3000K / 4000K / 5000K		
"Luminous Flux (lm) ±5%	1-CCT	Non-DIM	500	500	1000
		DIM	—	—	—
CRI			≥80		
Beam Angle (°)			15° / 24° / 36° / 60°		
UGR			<19		
LED Driver			Built-in		
DIM			NO		
Protection Class			Class I		
IP Rating			IP20		
IK Rating			—		
Finishing color			Black / White		
Material			Aluminium		
Lifetime (hr)			50,000		
Glow wire test (°C)			750°C		
Operating Temp.(°C)			-20°C ~45°C		
Storage Temp.(°C)			-20°C ~65°C		
Installation			Pendant		
Brand Driver option			—		

Driver Datasheet

Power	5W	10W
Rated Input Voltage(V)	AC230V	
Frequency	50/60Hz	
Input Voltage	AC200-240V	
Efficiency	≥78%	≥83%
Total load wattage	5W±0.5W	10W±1W
Power Factor	0.8	0.9
Rated Input Current	≤0.03A	≤0.06A
Full load output voltage	DC24-40V	DC28-40V
Rated output current	110mA	230mA
Output current range	110mA±5%	230mA±5%
Power tolerance	±5%	
Current output tolerance	±5%	
Short circuit protection	PASS	
Over voltage protection	PASS	
Over temperature protection	PASS	
THD	<20% @ 230V	
Surge	L,N-PE 1KV	
Withstand voltage	AC1500V	

Installation Procedure

WARNING

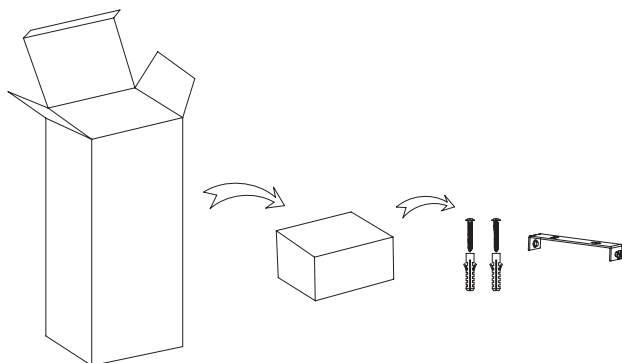
1. Switch off before installation.
2. Switch on only after complete installation and examination of the circuit.
3. Professional electrician for installation and maintenance only.



Turn Off power supply before starting any installation. Read instructions & check you have all the tools & accessories to complete the installation correctly.

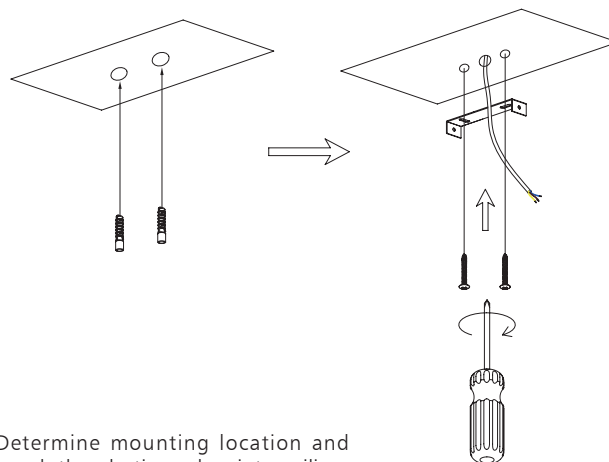
How to install

Step 1



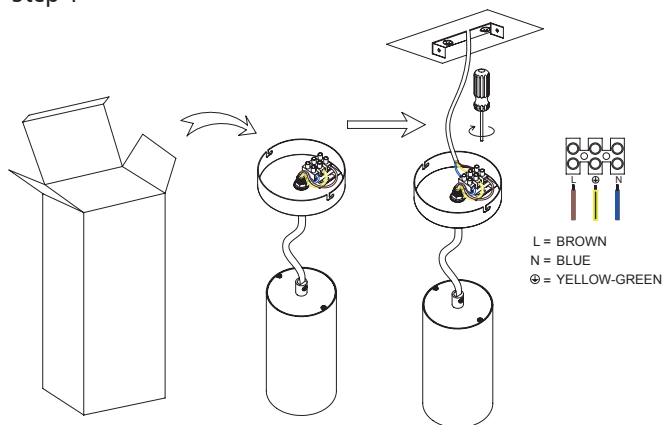
Take out the accessories from accessory box.

Step 2



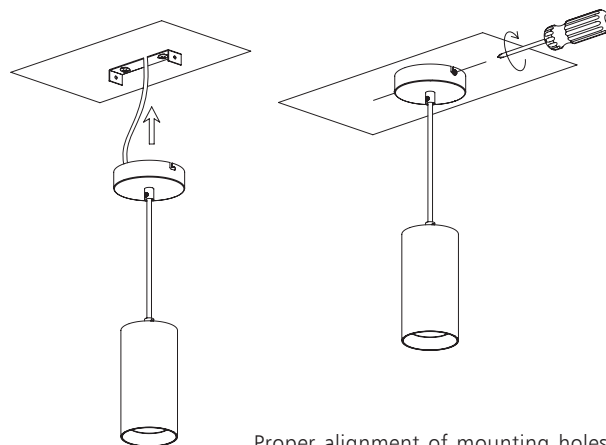
Determine mounting location and knock the plastic anchor into ceiling, fix bracket with screw into the ceiling.

Step 1



Take out the lamp, connect the corresponding polarities between the wires on the ceiling and terminal block by screwdriver.

Step 2

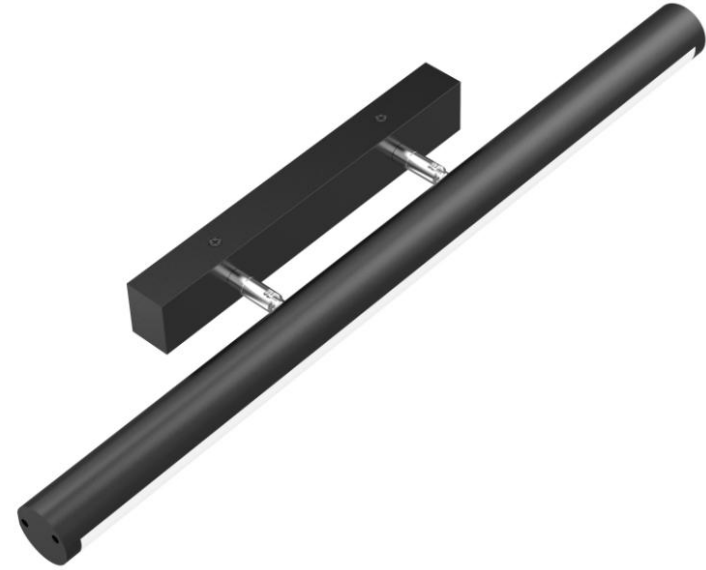
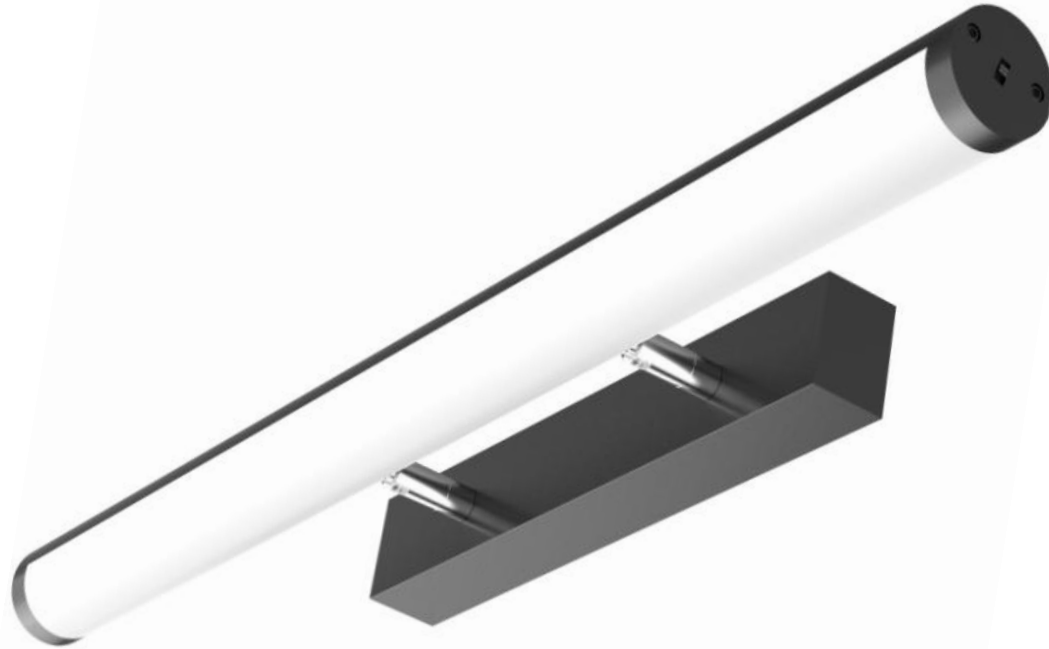


Proper alignment of mounting holes between back plate and mounting bracket, then lock them together with screw



LED Mirror Light

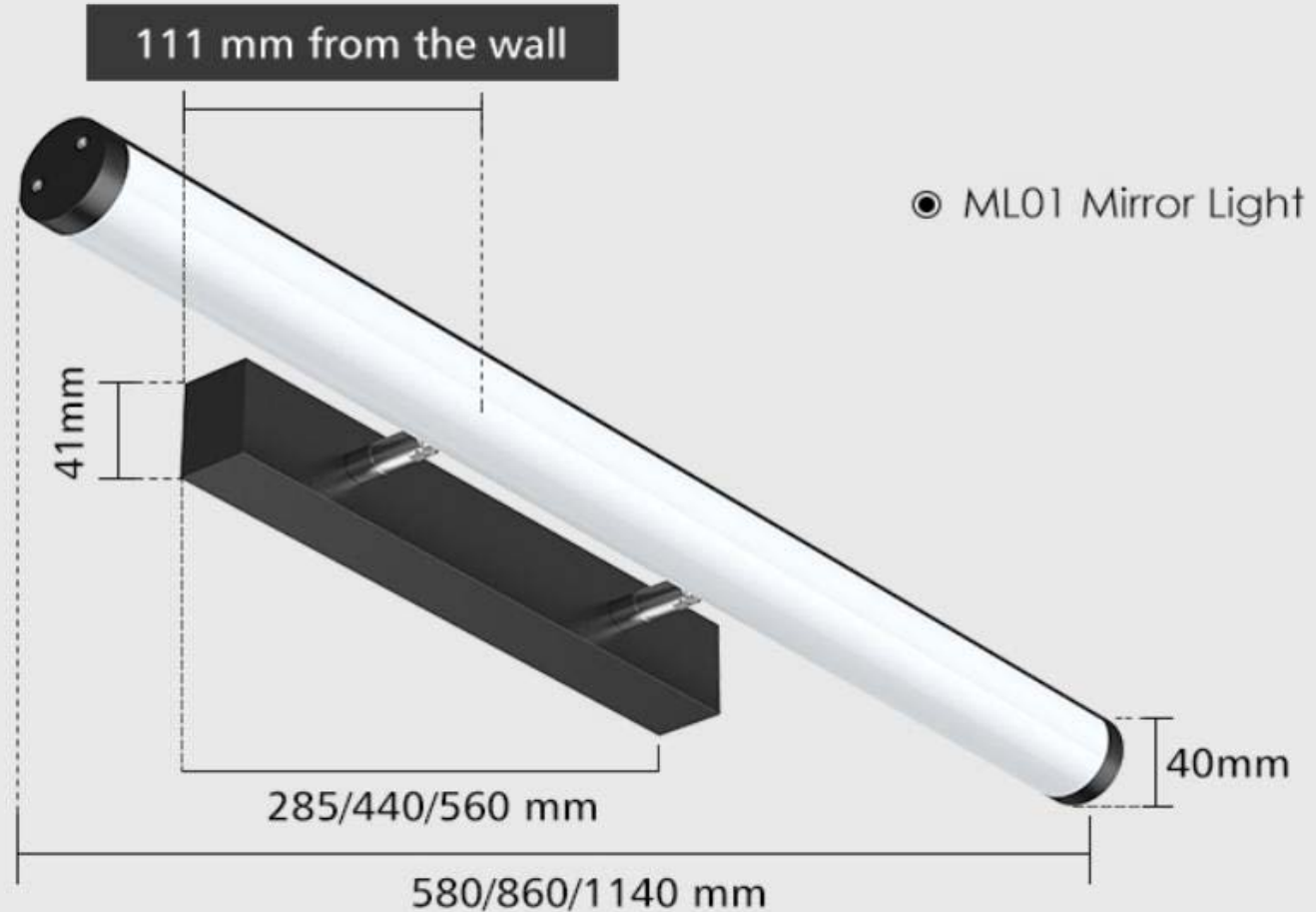
LED Mirror Light



Mirror light

Mirror light

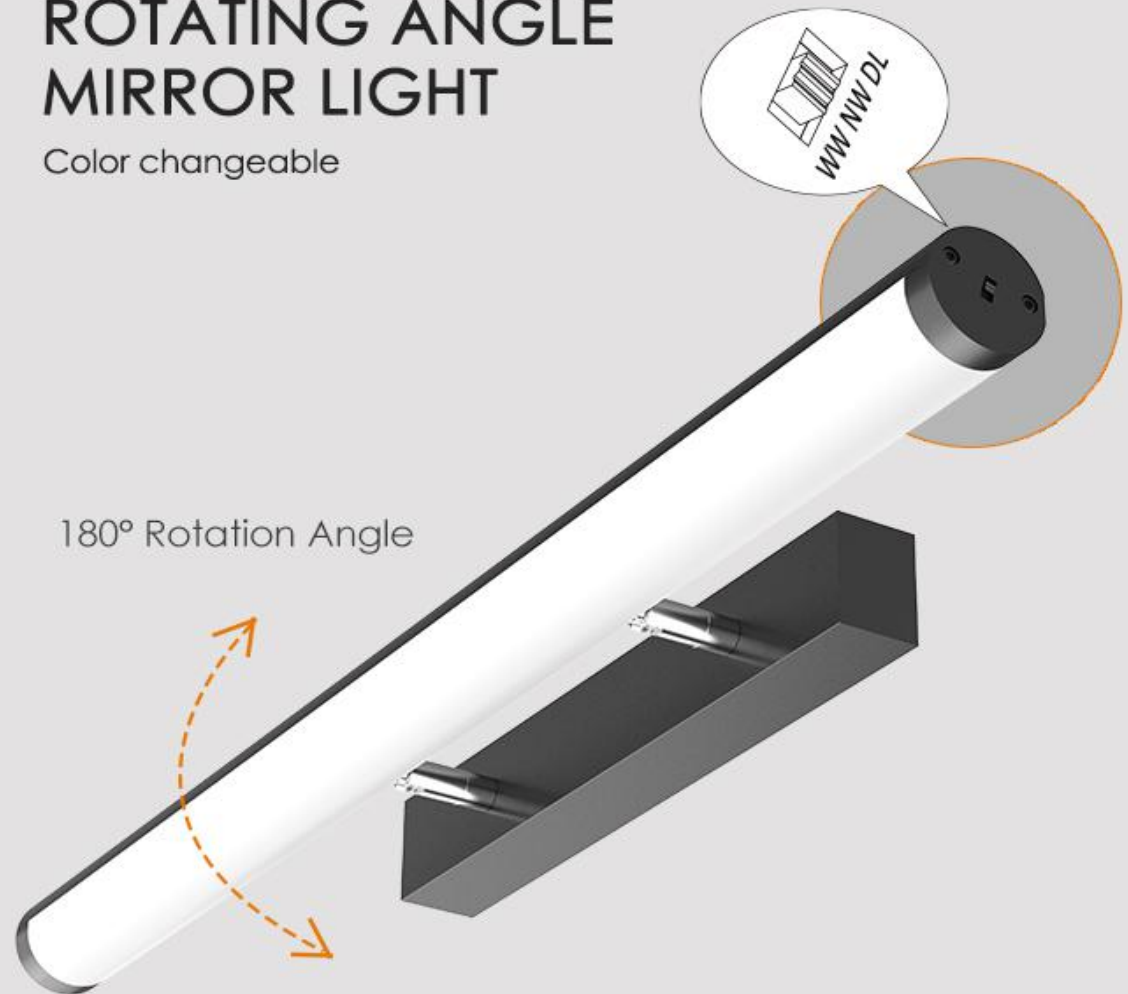
- High transmittance PC lampshade
- With concise and elegant design, perfect details
- Create a sense of stylish



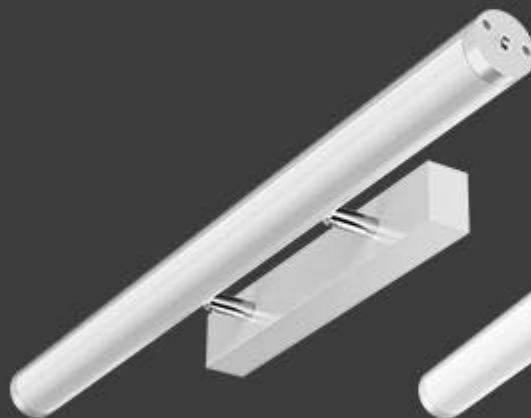
3CCT color changeable

ROTATING ANGLE MIRROR LIGHT

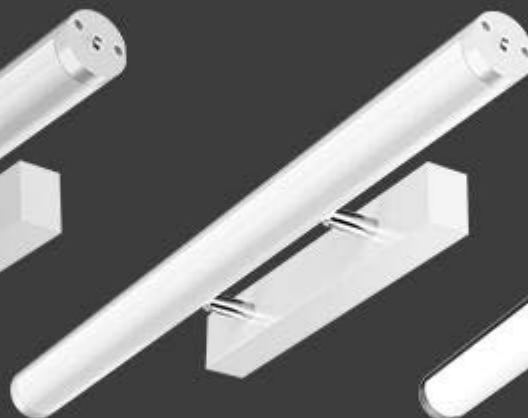
Color changeable



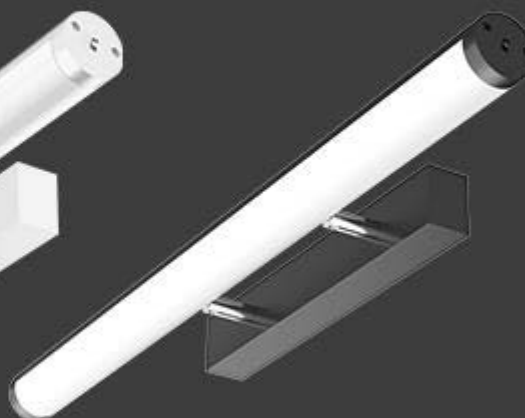
Different surface treatment



Brush Nickel



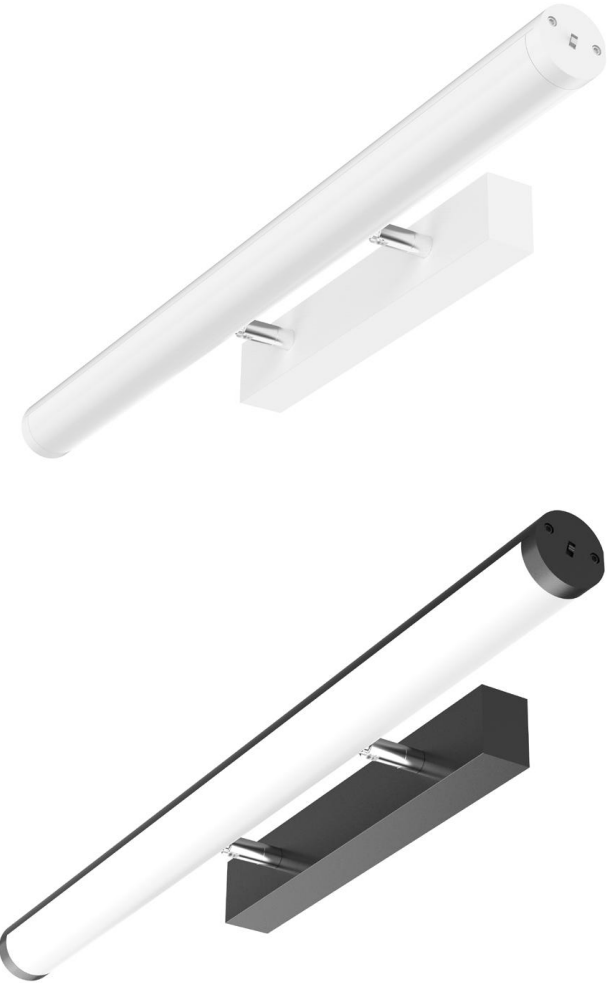
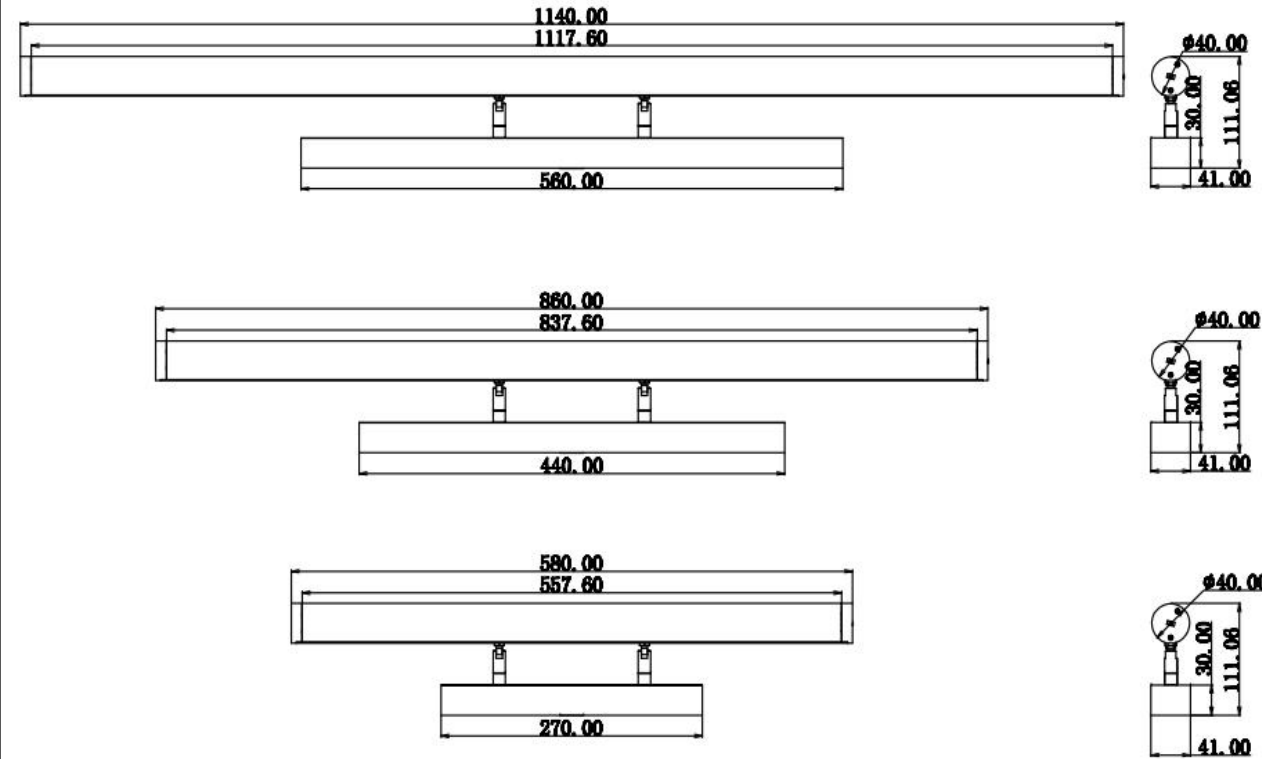
Chrome plated



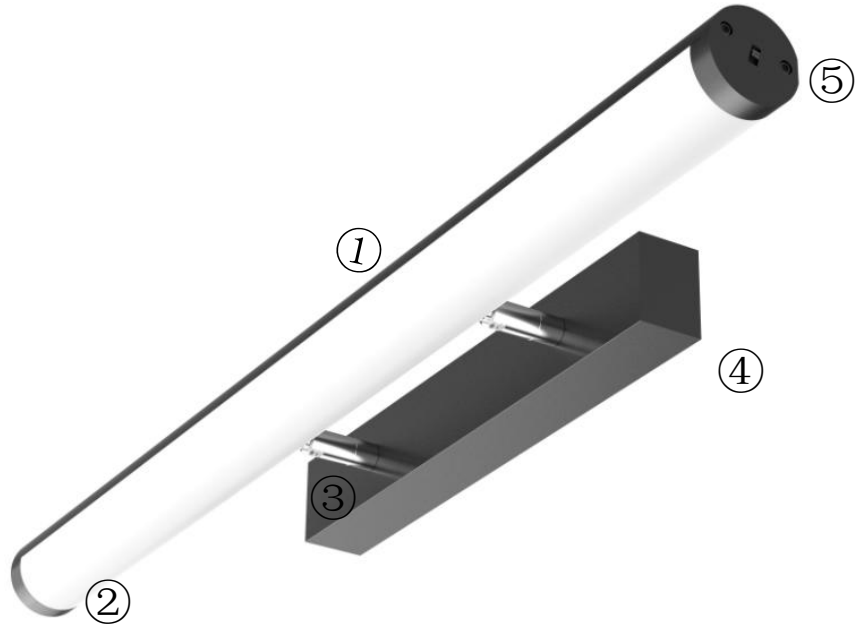
Matt Black

580-10W	860-15W	1140-20W
10W	15W	20W
580×41×111	860×41×111	1140×41×111
SMD		
<6		

Size

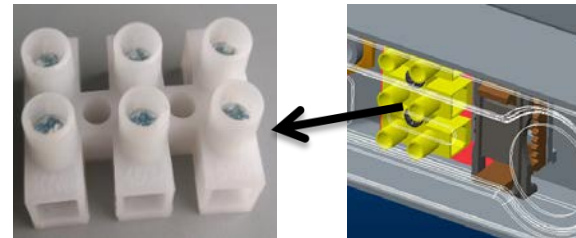


Structure Introduction



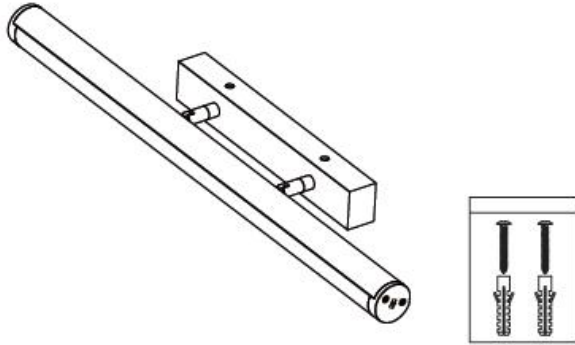
- ① AL6063 lamp body
- ② Cover (PC-94V2)
- ③ Rotatable Column

- ④ Installation base
- ⑤ Slide 3CCT changeable
- ⑥ End cover

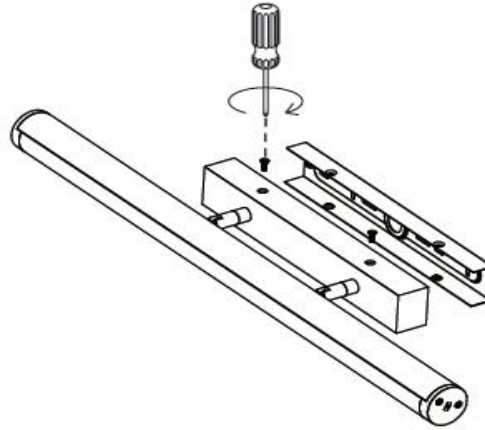


Installation Procedure

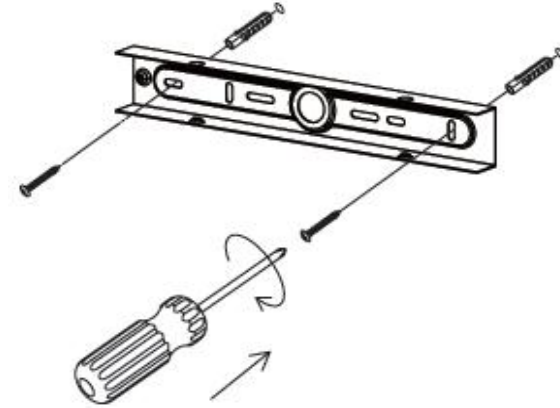
Step 1 Take out ceiling light and accessory pack from box.



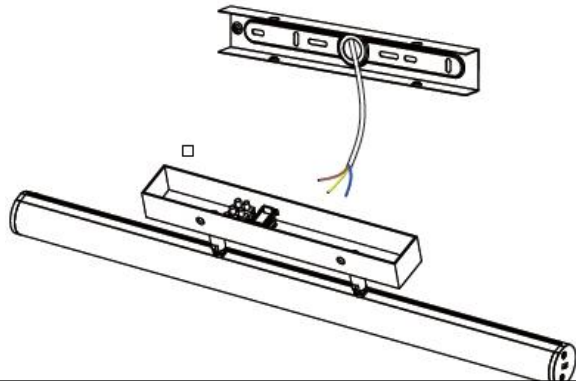
Step 2 Take out the bracket.



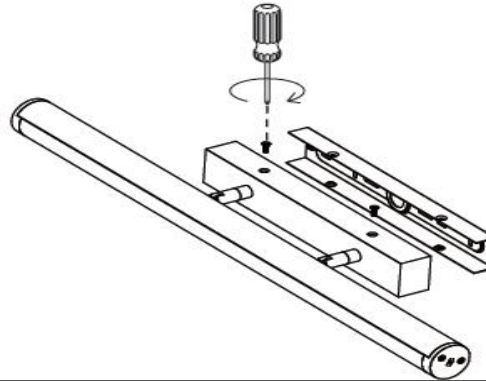
Step 3 Knock the plastic anchor into ceiling. Fix bracket with screw on the ceiling.



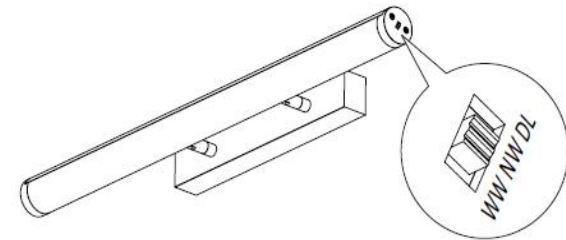
Step 4 Remove the line pressing clip, connect the wires correspondingly.



Step 5 Fix the lamp on the bracket



Step 6 Slide the preferred CCT before turn on the lamp.



Application View

Hotel, Shopping mall, home, restanrant, etc

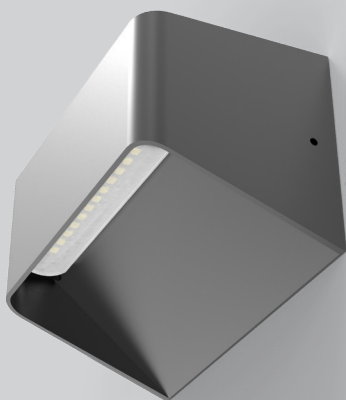




LIGHT'IN

VOTRE UNIVERS LED





LED WALL LAMP

UP-WL002

Introduction



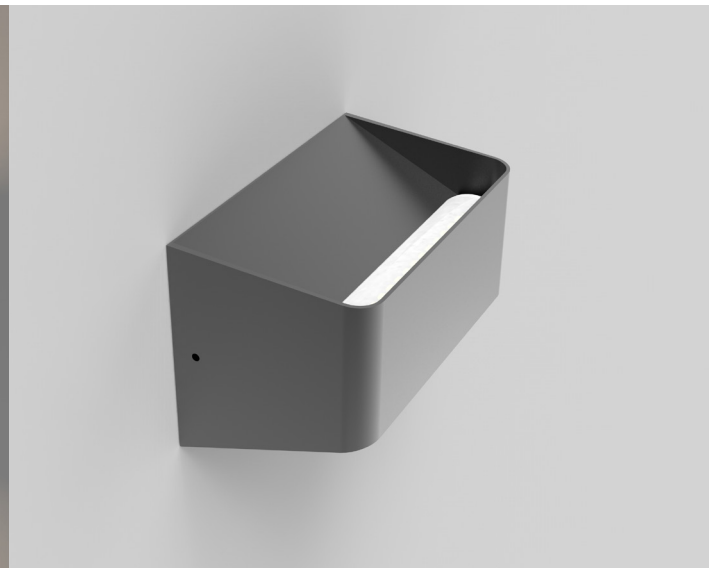
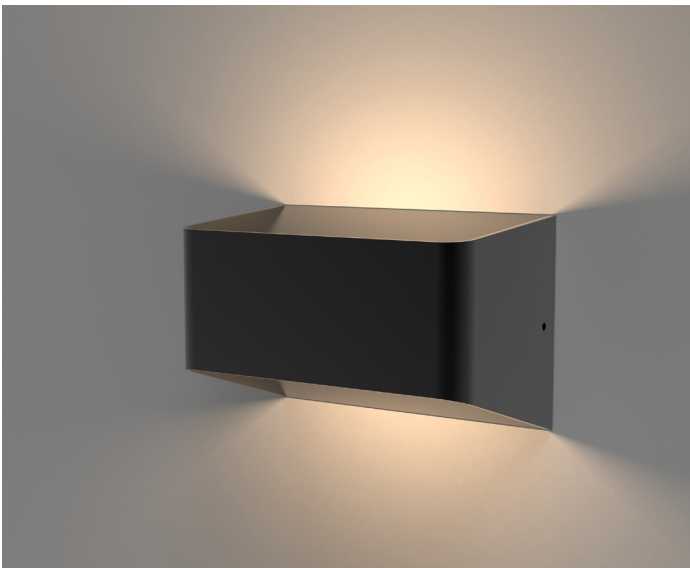
◀ IP54 WL002 LED wall lamp adopts traditional classical design to meet the public aesthetic view, the up and down structure distributes perfect lighting effects; ADC12 housing material provides excellent thermal management and 94-V0 fire rated PC make sure softly lighting to creating comfortable atmosphere.

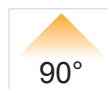
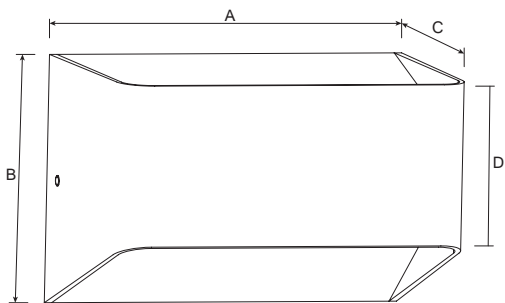
Features

1. Up to 70% energy saving compared to halogen lamp.
2. Long lifetime of 50,000 hours.
3. CCT: 3000K 4000K 5000K 5700K.
4. No UV/IR light.
5. Environment friendly, without Mercury or any other hazardous substances.

Application Areas

It is designed for indoor and outdoor lighting applications hotel, park, and corridors etc.





Measurement

Model	Dimension(mm)				Size(mm)	Product Weight (Kg)		Package weight (Kg)		Carton Size(cm)	Qty/CTN	20GP (pcs)	40HQ (pcs)
	A	B	C	D		N.W/PC	G.W/PC	N.W/CTN	G.W/CTN				
WL002-1510-10W	150	100	92	65	150*100*92	0.54	0.63	13	16.5	52*37.5*39.5	24	9504	19008
WL002-3010-18W	300	100	92	65	300*100*92	1.05	1.15	12.6	15	52*34.5*39.5	12	4752	9504

Technical Data Sheet

Model No.		WL002-1510-10W	WL002-3010-18W
Watt(W)		10W	18W
Dimension(mm)		150*100*92	300*100*92
Rated Input Voltage(V)		AC230V	
Input Voltage(V)		AC200-240V	
LED		SMD	
SDCM		<6	
CCT(K)		1-CCT: 3000K / 4000K / 5000K / 5700K	
"Luminous Flux (lm) ±5%	Non-DIM	400-500	720-900
	DIM	—	—
CRI		≥80	
Beam Angle (°)		90°	
LED Driver		Built-in	
DIM		No	
Protection Class		Class I	
IP Rating		IP54	
IK Rating		IK08	
Finishing color		Black RAL 9005	
Material		Aluminium	
Lifetime (hr)		50,000h @ 25°C	
Glow wire test (°C)		750°C	
Operating Temp.(°C)		-20°C ~45°C	
Storage Temp.(°C)		-20°C ~65°C	
Installation		Surface mount	
Brand Driver option		—	

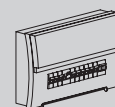
Built-in Driver Datasheet (Non-dimmable)

Power	10W	18W
Rated Input Voltage(V)	AC230V	
Frequency	50/60Hz	
Input Voltage	AC200-240V	
Power Factor	0.9	
Efficiency	≥90%	≥90%
Total load wattage	10W±1W	18W±1W
Rated Input Current	≤ 0.06A	≤ 0.10A
Full load output voltage	DC60-80V	DC60-80V
Rated output current	120mA	230mA
Output current range	120mA±5%	230mA±5%
Power tolerance	±5%	
Current output tolerance	±5%	
Short circuit protection	PASS	
Over voltage protection	PASS	
Over temperature protection	PASS	
THD	—	
Surge	L-N 0.5KV L / N-PE 1KV	
Withstand voltage	—	

Installation Procedure

WARNING

1. Switch off before installation.
2. Switch on only after complete installation and examination of the circuit.
3. Professional electrician for installation and maintenance only.

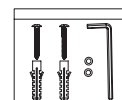
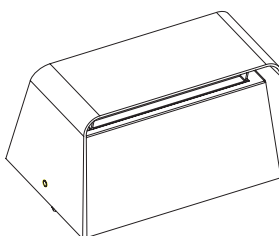


Turn Off power supply before starting any installation. Read instructions & check you have all the tools & accessories to complete the installation correctly.

■ Installation

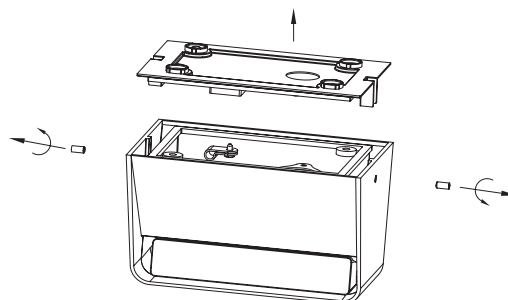
Step 1

Take out the lamp and accessories.



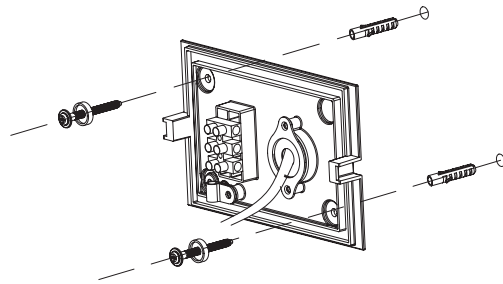
Step 2

Take out the base from the lamp body.



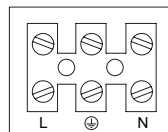
Step 3

Fix the base on the wall and make the wires through the hole of the base.

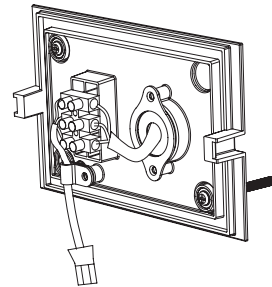


Step 4

Set the wires respectively.

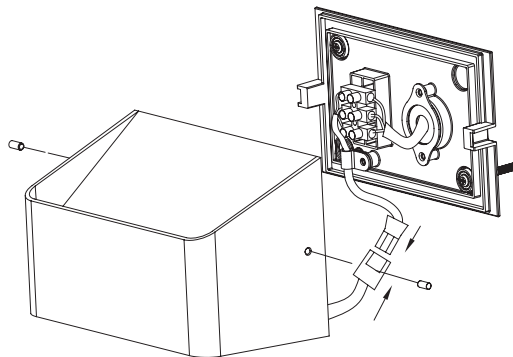


L = BROWN
N = BLUE
⊕ = YELLOW-GREEN



Step 5

Get the lamp fixture back to the base and fix it well.



Step 6

