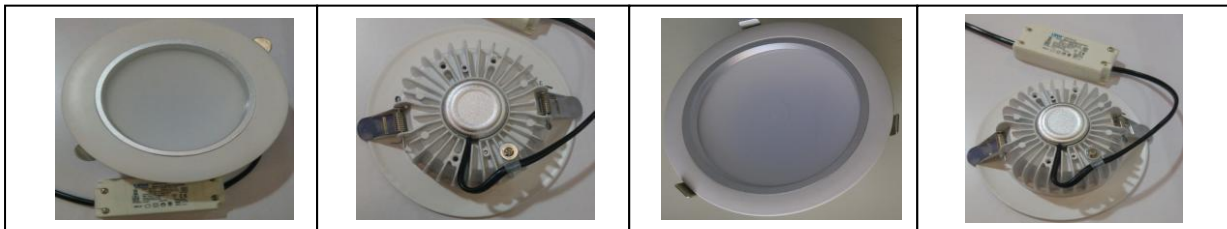
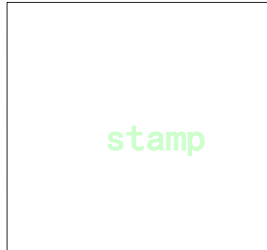


# OBALS SPECIFICATION

OBALS ELECTRICAL ILLUMINANCE CO.,LTD

Model No:LDI-04-10W



Formulate:		Review:		Appraval:		Version:	A0
Date:		Date:		Date:		Date:	

## **>>Structure features**

1. Superior heat emission structure with patented technology and power supply configuration, The light can work efficiently and safely. Lifespan more than 50000 hours.(the use of ambient temperature is 25℃)
2. Using high performance light guide, the light source with high color rendering index. Optimized light distribution design solution can make the optical property more excellent. Pass on the value of illumination spiritually.
3. Integrated power pack and lamp design, more safety and practical. Reduced the light height of installment, easily used in ceiling installation.
4. Wid frame design, the recessed installation dimension widely used in similar items. It's a easy thing for you to replace the light, no need to cut the hole once again.

## **>>Application area**

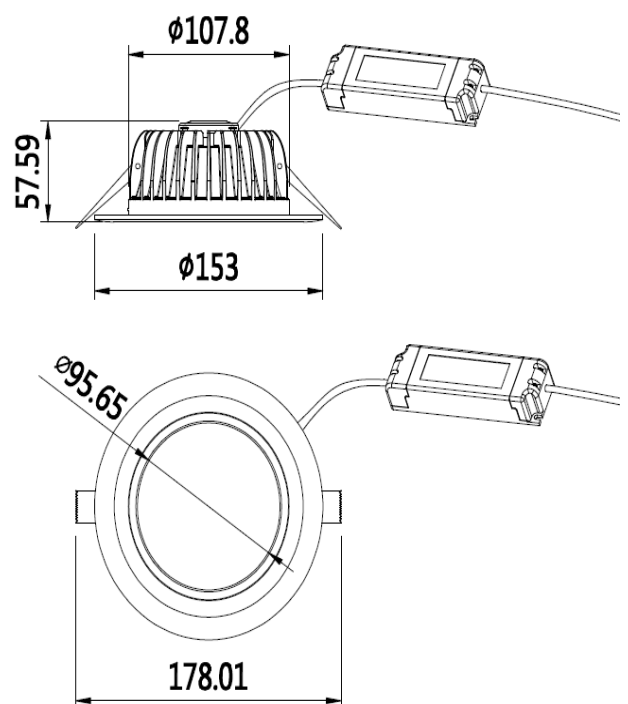
Widely used in hotels, restaurants, hypermarkets, shops, offices,supermarkets, museums and residential lighting and so on.

## >>Main technical parameters

NO	Item	Unit	Value
1	Input voltage	V	AC100-240
2	Frequency	Hz	50/60
3	Output voltage	V	DC25-40V
4	Output current	mA	300mA
5	PF		≥0.9

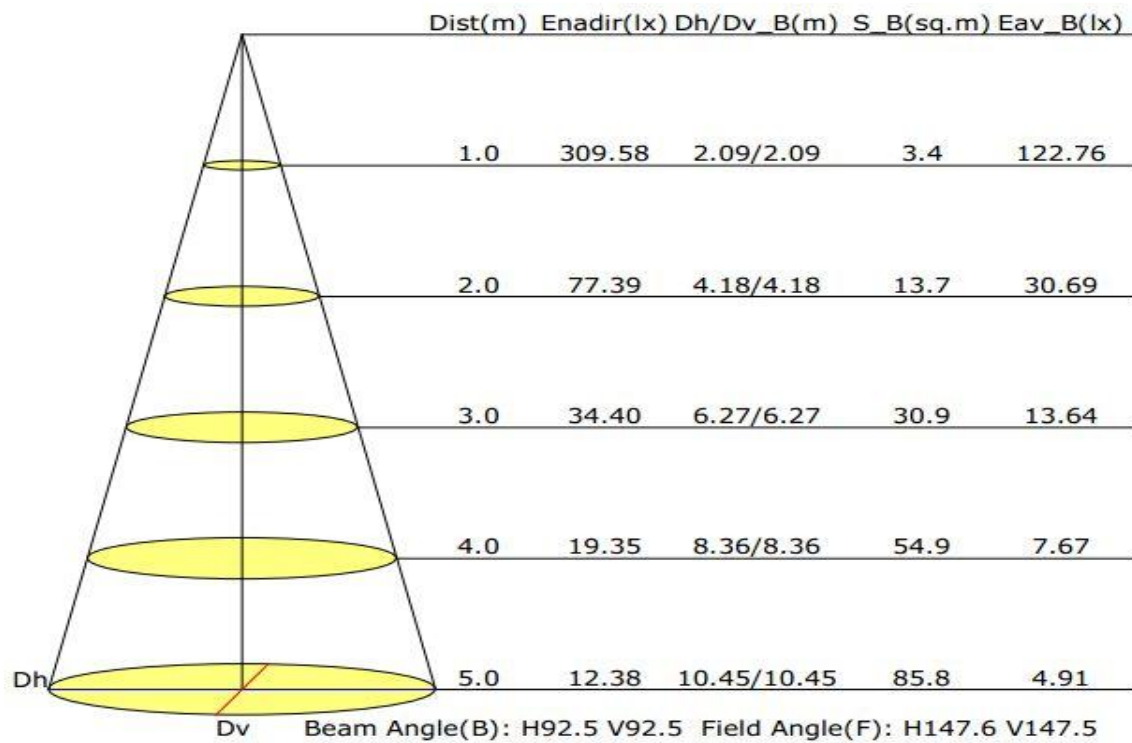
## >>Dimensions (mm)

1	Luminous flux	cool white	Lm	808
		natural white		801
		warm white		781
2	Efficiency	cool white	lm/W	79 lm/W
		natural white		78 lm/W
		warm white		76 lm/W
3	CCT	cool white	K	5500
		natural white		4000
		warm white		3000
4	Ra			≥80
5	Operating ambient temperature		℃	-20~ +40
6	Operating environment humidity			10-80%
7	Net weight/pcs		Kg	0.55
8	Dimensions		mm	∅153×58
9	Certification			SAA /CE/
10	Power		W	10W±5%
11	Led chip			Samsung
12	IP grade			IP20
13	Beam Angle		Degree	90

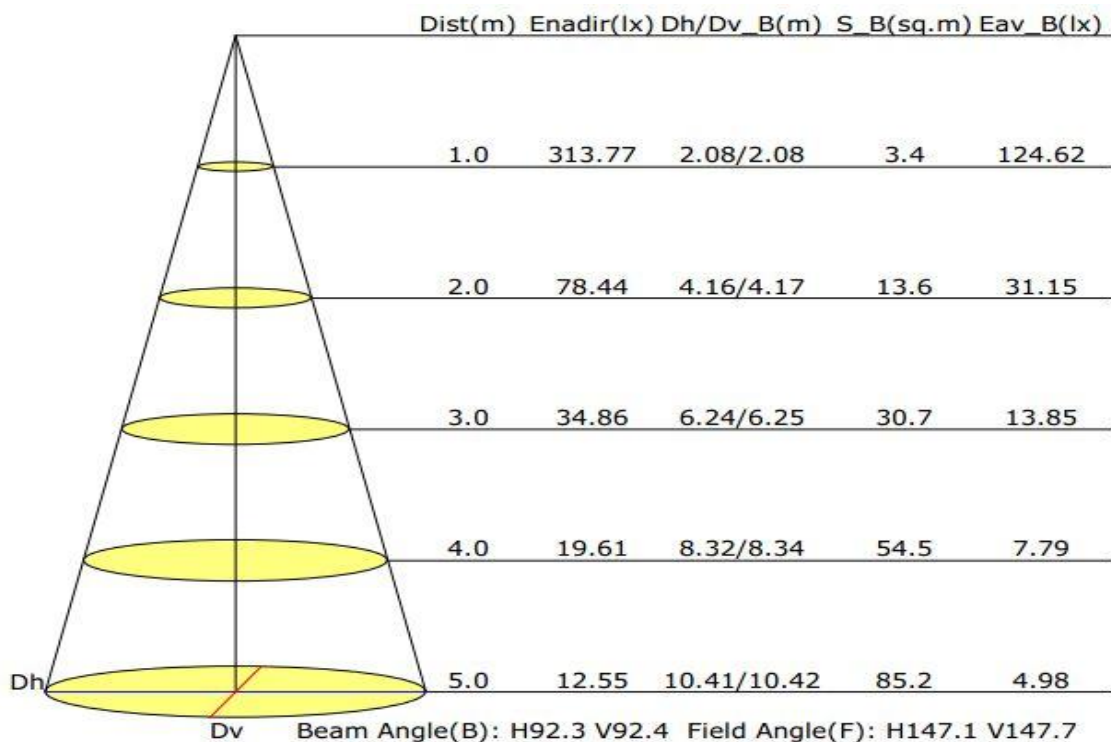


## >>Illumination intensity chart

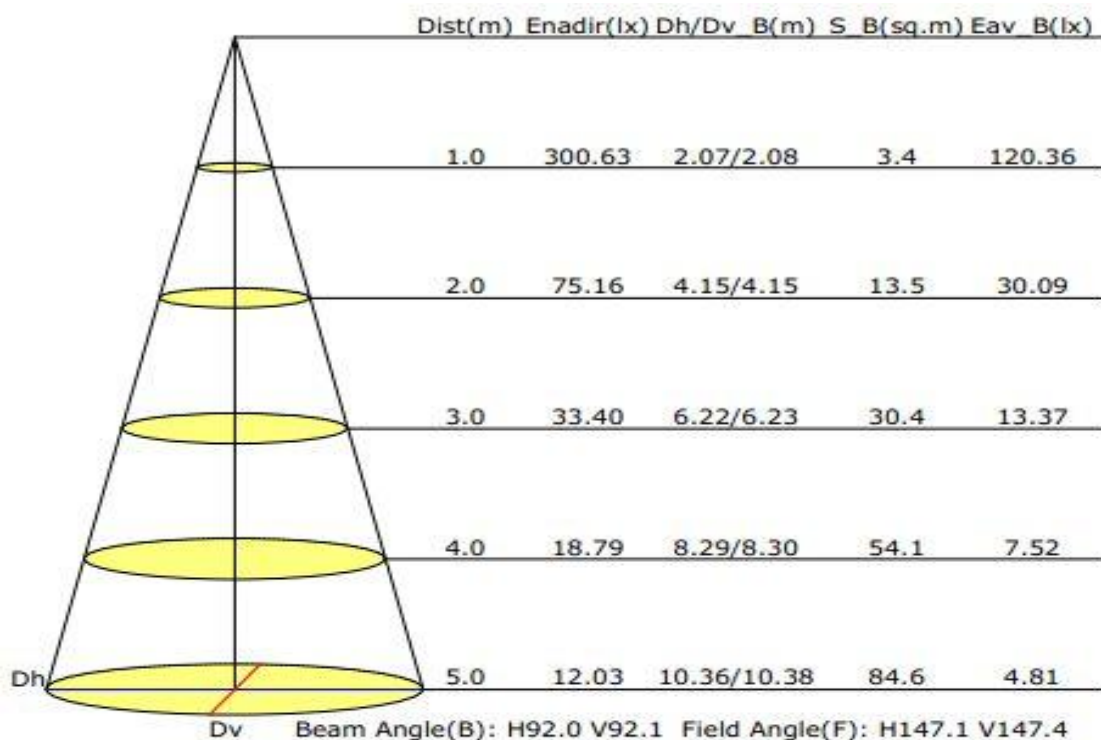
## Cool white



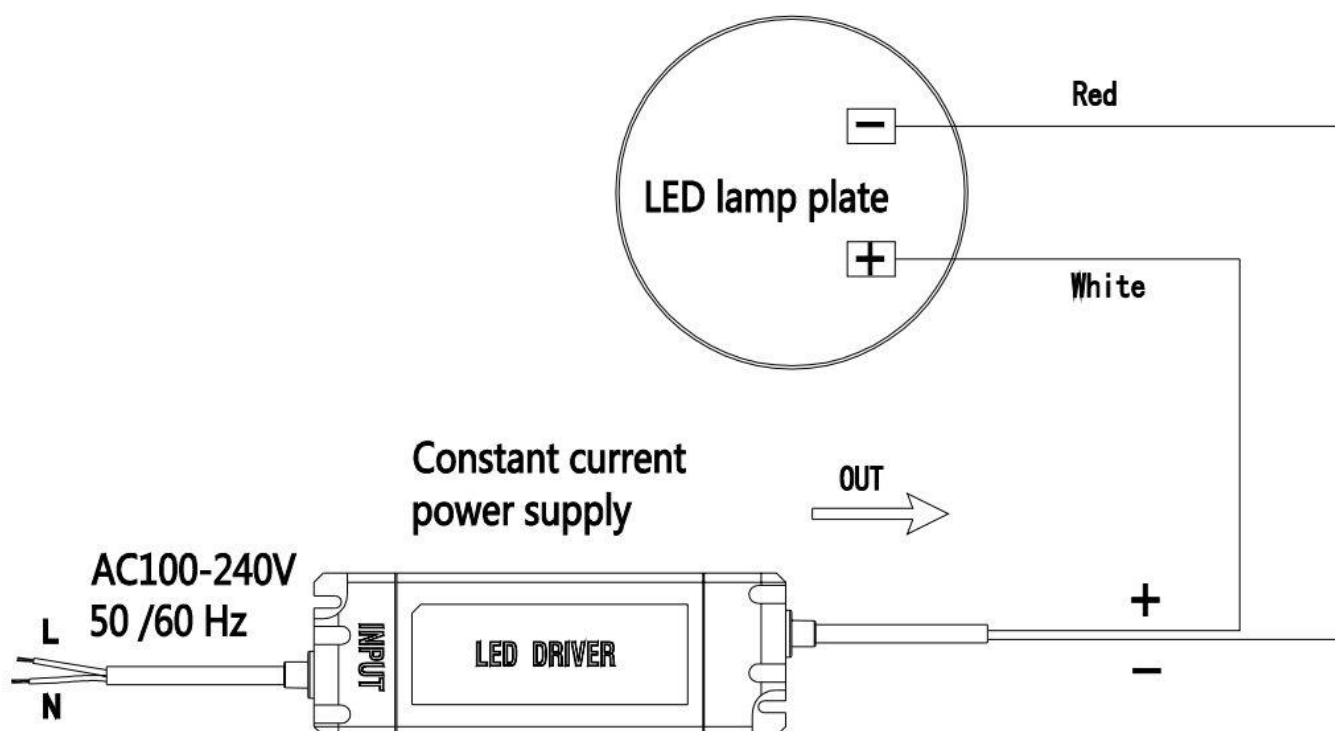
## Natural white



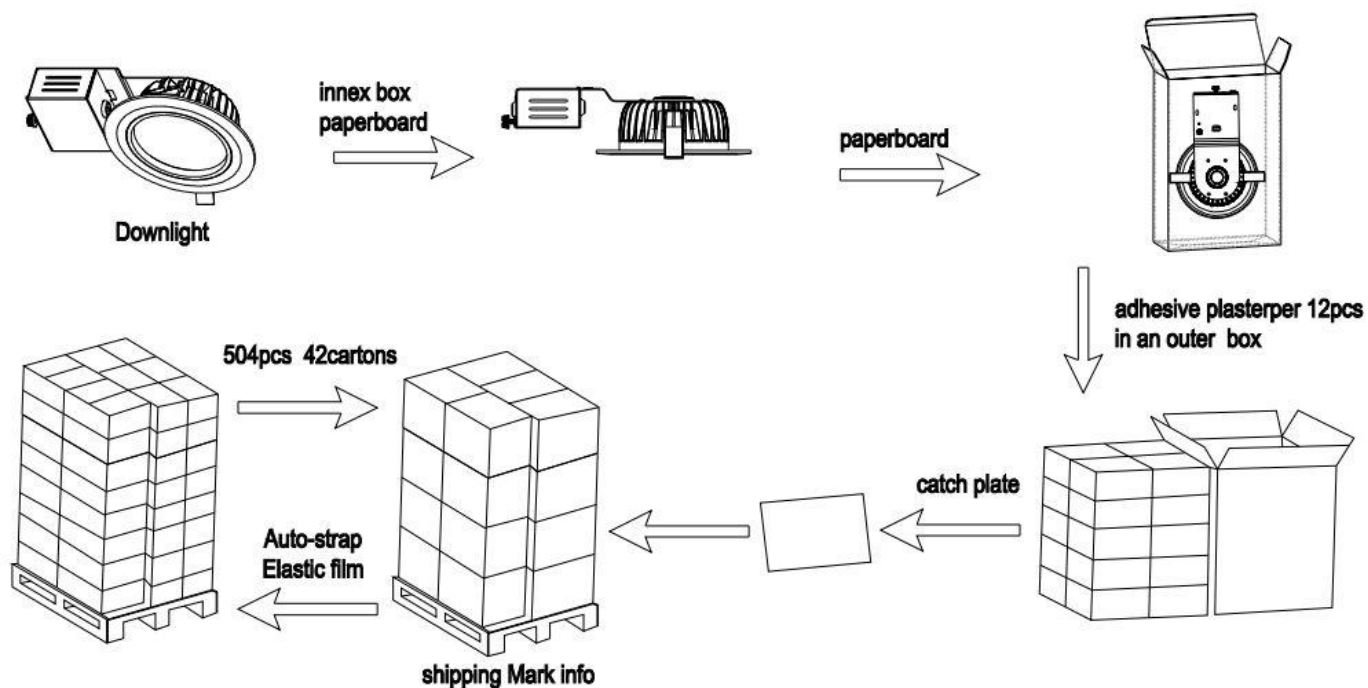
## Warm white



## >>Electrical connection



## >>Package diagram



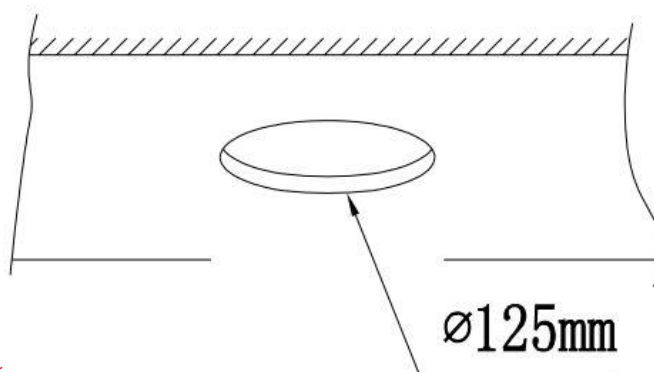
## Packaging Parameters

Quantity pcs/carton	12inner box*1pc downlight/inner box=12
Weight kg/carton	9.5kgs
Inner box size(mm)	172(L)×75(W)×250(H)
Carton size(mm)	465(L)×360(W)×265(H)

## >>Installation process(Notes)

**A1 Embedded**

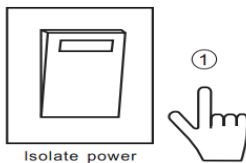
**A2 Cut out**



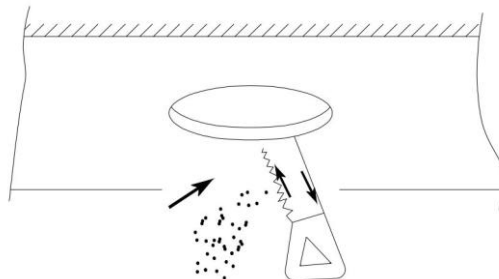
## >>Installation steps(Notes)



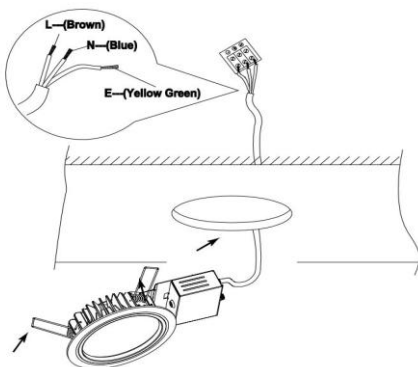
## 1. Isolate the power



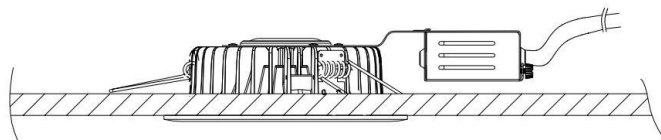
## 2. Cutting on the ceiling according to the hole size of the products.



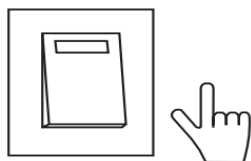
## 3. Push both side of the circlip, put the products into the ceiling hole.



## 4. Properly connected to the electric power box. Turn on the power can be used.



## 5. Turn on the power to the lighting circuit.



### Notes:

- 1: All dimensions are in millimeters.
- 2: Tolerance is  $\pm 1$ mm unless otherwise specified.
- 3: Specifications are subject to change without notice.

## Warning

Please do not dismantle the lamps, if maintenance please ask professional and authorized officer to operate.

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