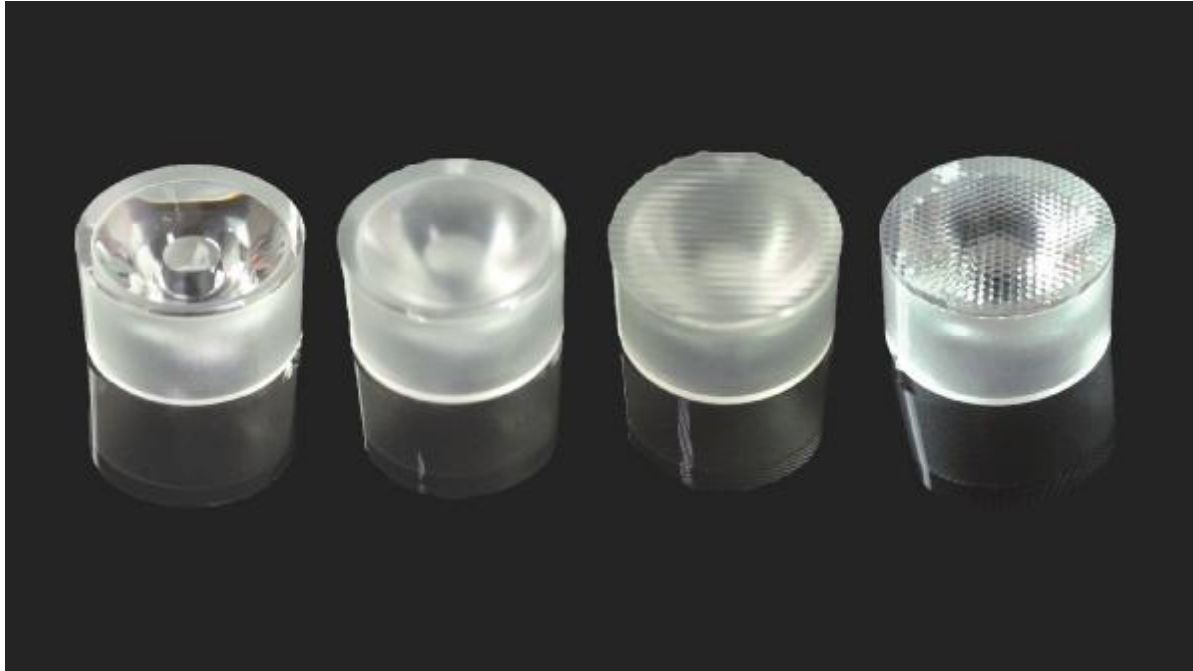# YML01CR-HXxxF LENS

## PRODUCT DESCRIPTION

### Feartures:

- High efficiency >93%
- Available in 4 beam pattern
- Optimized for uniform effects
- Lens material Optical grade PMMA
- Lens with holder

### Typical applications:

- Stage Lighting
- Street Lights
- Decorative Light
- Down Light

## TABLE OF CONTENTS

## General Information (TJ = 25°C)

- **Compatible Led Type:**

The YML01CR-HXxxF single lens is optimized for leds (3030)[1]

- **Beam Angle Type:**

An optimized profile integrate different front shape enabel the general of four lens model:medium beam (15deg;30deg;45deg and 10*65deg)[2]

- **The Way to Assembly:**

The lens should be assembled to the PCB board or MCPCB upon LEDs which provides the most appropriate related position,so as to achieve the best uniform results.

**\* Manually installation or if necessary thermal glue are recommended.**

- **Fuction:**

YML01CR-HXxxF provides exceptional color mixing result with the highest efficiency through careful enginnering and precision manufacturing process.

## Usage and Maintenance

1.Clean lenses with mild soap and water and a soft cloth.

2.Don't use any commercial cleaning solvents on lenses,like alcohol.

3.Operating temperature -25℃～+80℃(upper limit +90℃)

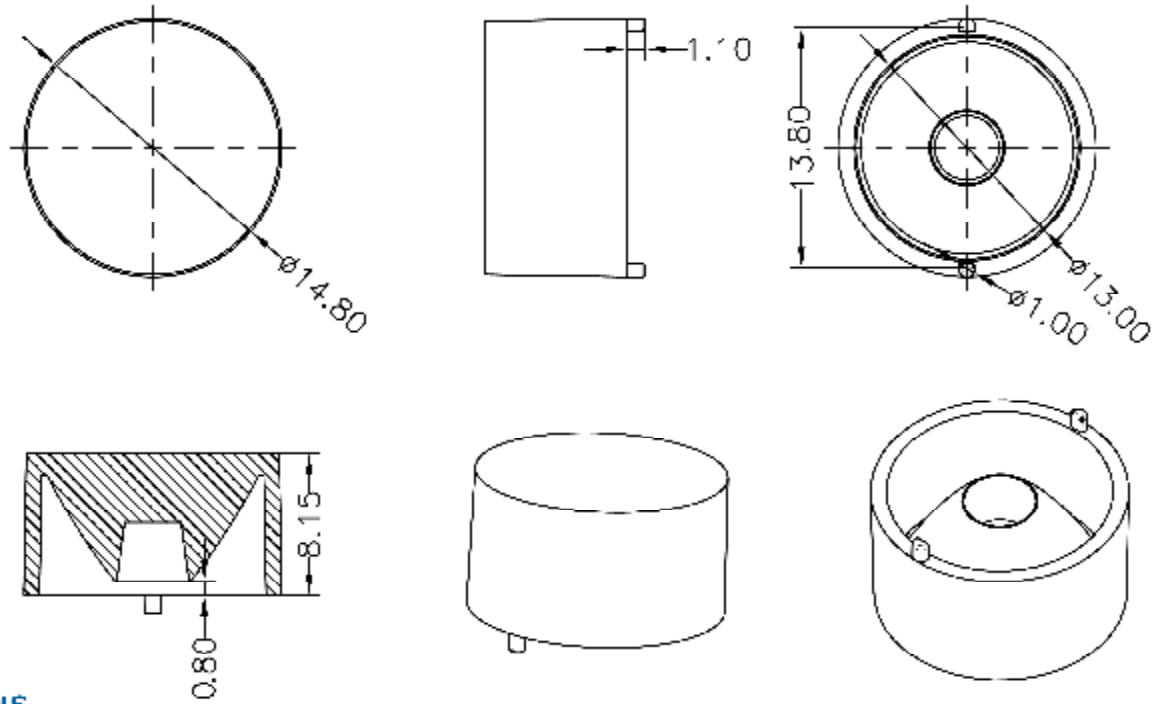4.please handle or install lenses with wearing gloves,skin oils may damage lens or optical characteristic.

## Notes:

(1) XP-E is trademark of Cree,Inc.for more technical information on leds,please refer to http://www.cree.com/

(2) Typical beam divergence will be affected by different LED manufacturers.

## 2D Drawings (unit:mm)

Ø14.80

1.10

13.80

Ø13.00

Ø1.00

8.15

0.80

**LENS**

## Optical Characteristics (for 3030)

Note:The 3030 LED emitter flux is 120lm @350mA

## 2D Drawings (unit:mm)
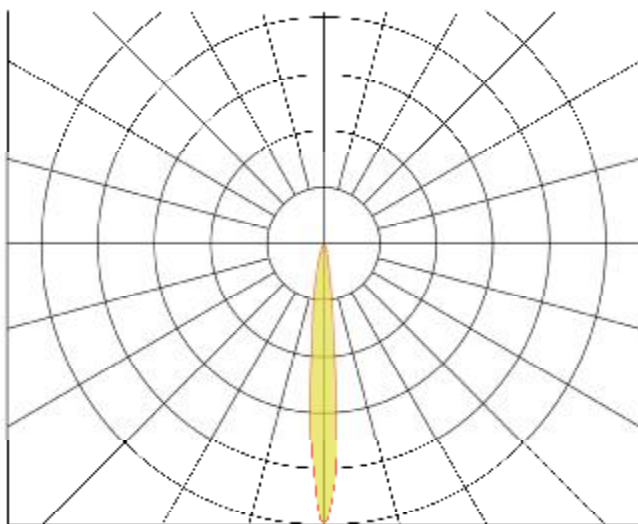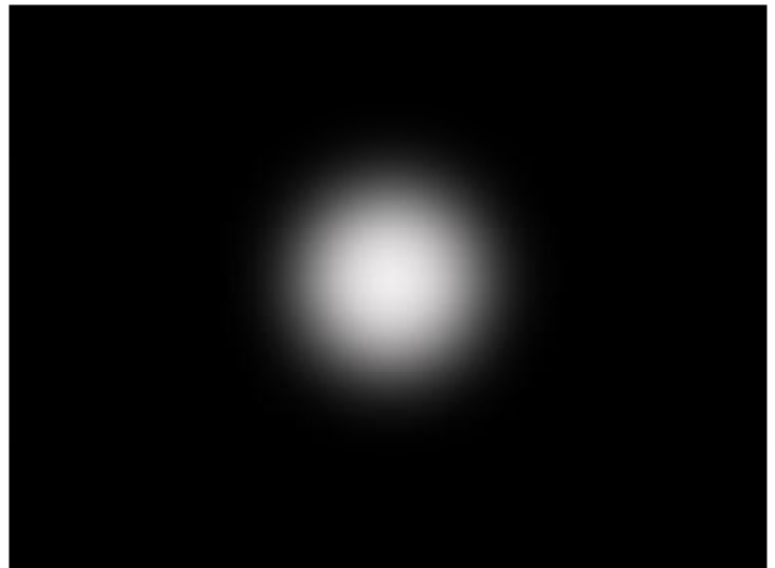
Ø14.80

1.10

13.80

Ø13.00

Ø1.00

8.15

4.16

0.80

4.16

**LENS**

## Optical Characteristics (for 3030)

Note:The 3030 LED emitter flux is 120lm @350mA

## 2D Drawings (unit:mm)

ø14.80

1.10

13.80

ø13.00

ø1.00

8.15

0.80

**LENS**
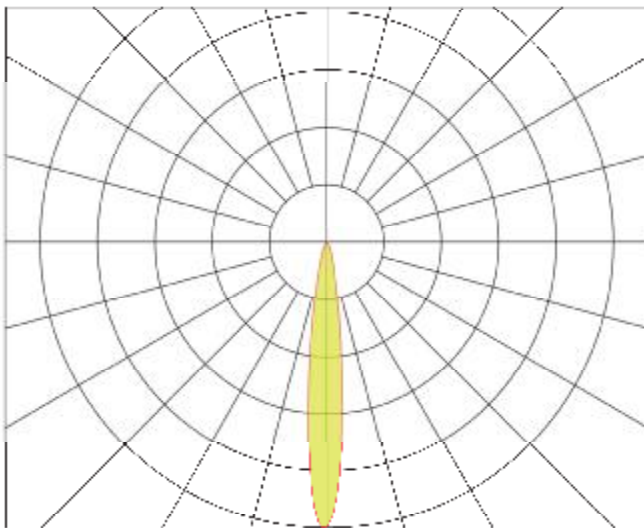
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**LENS**
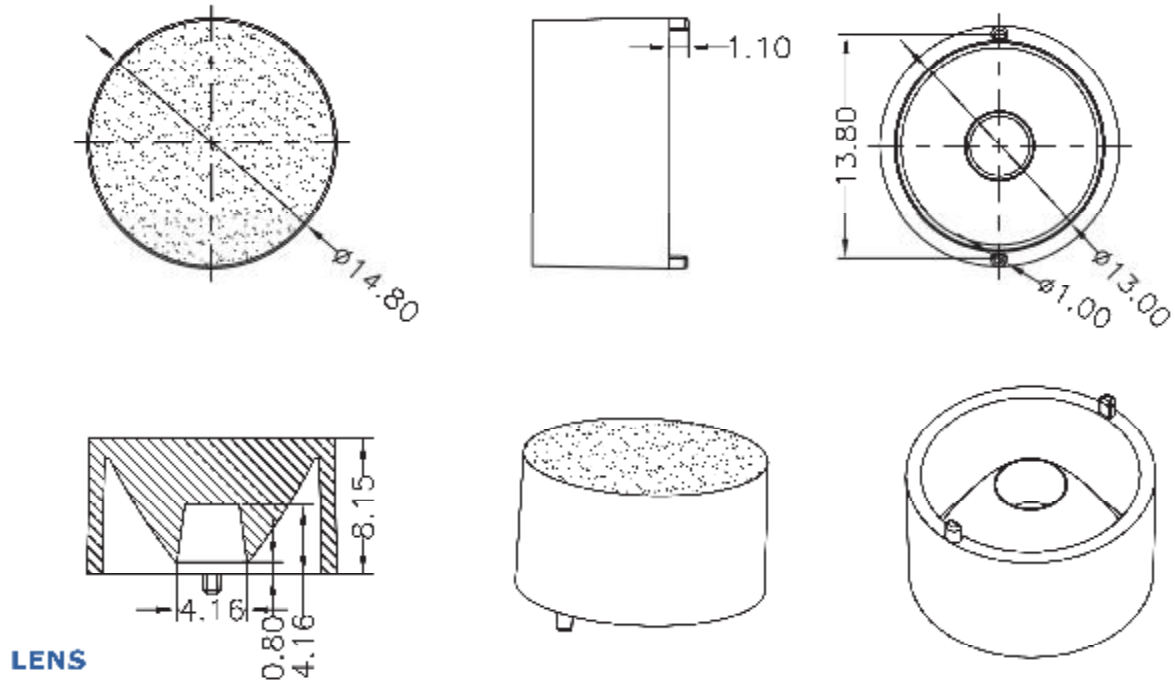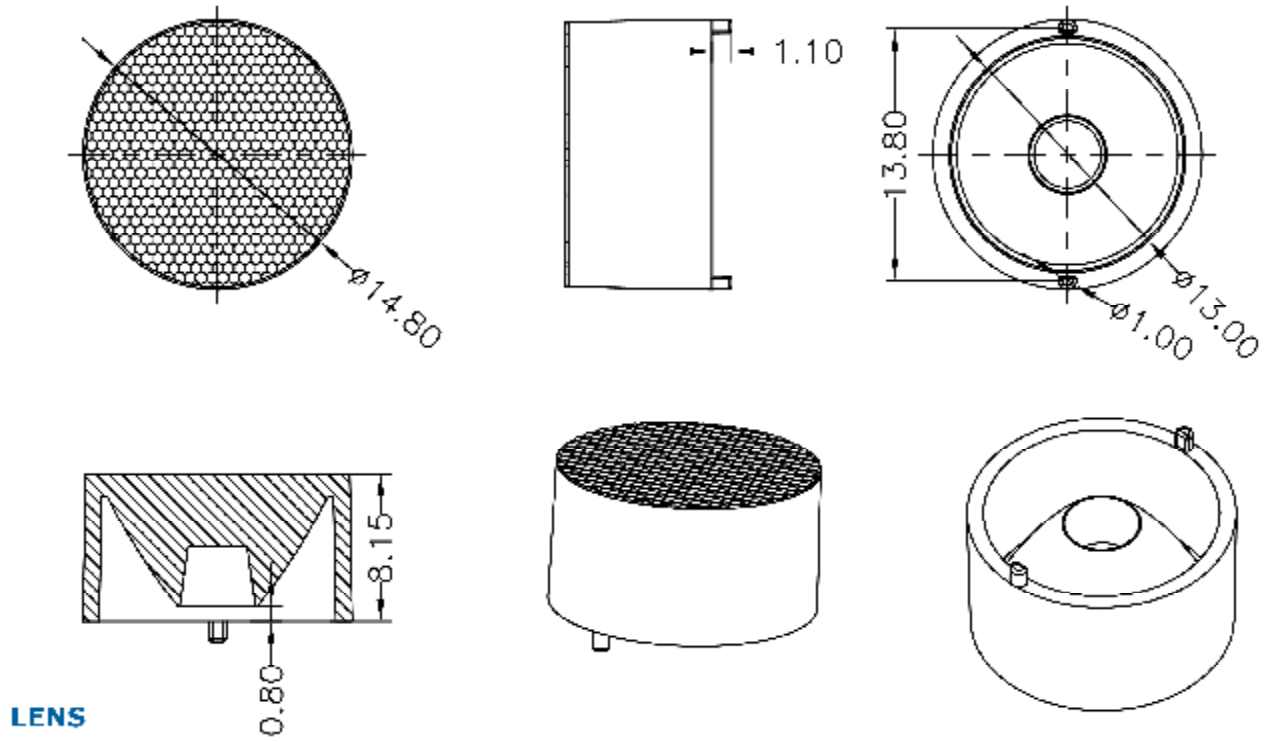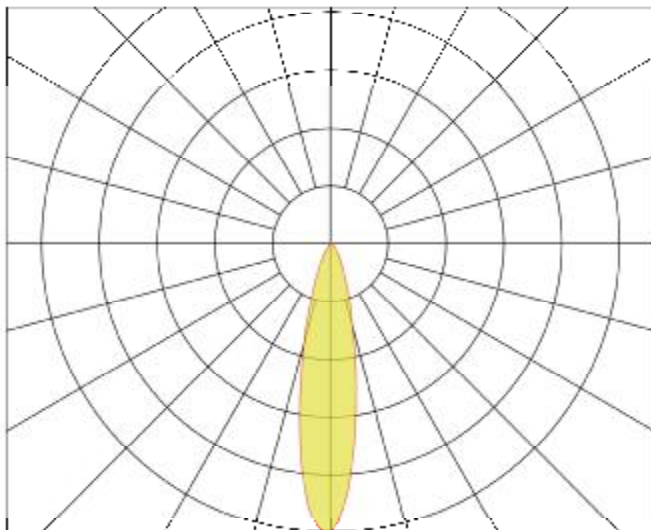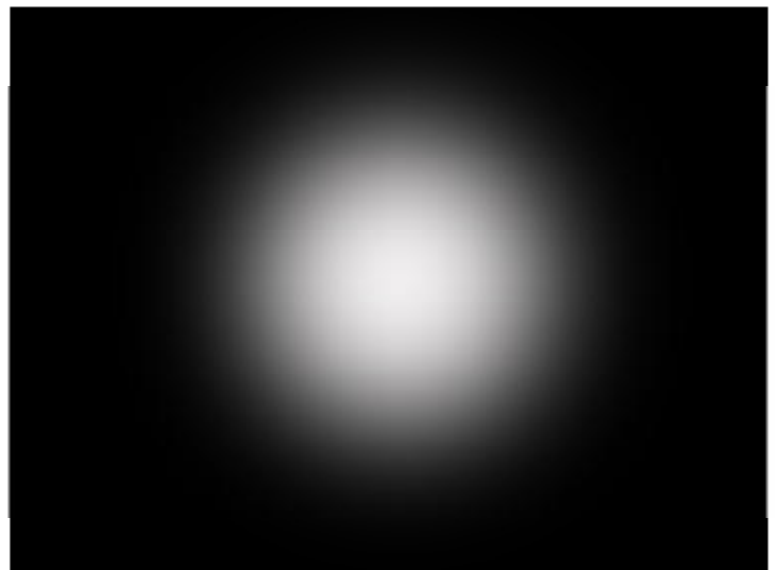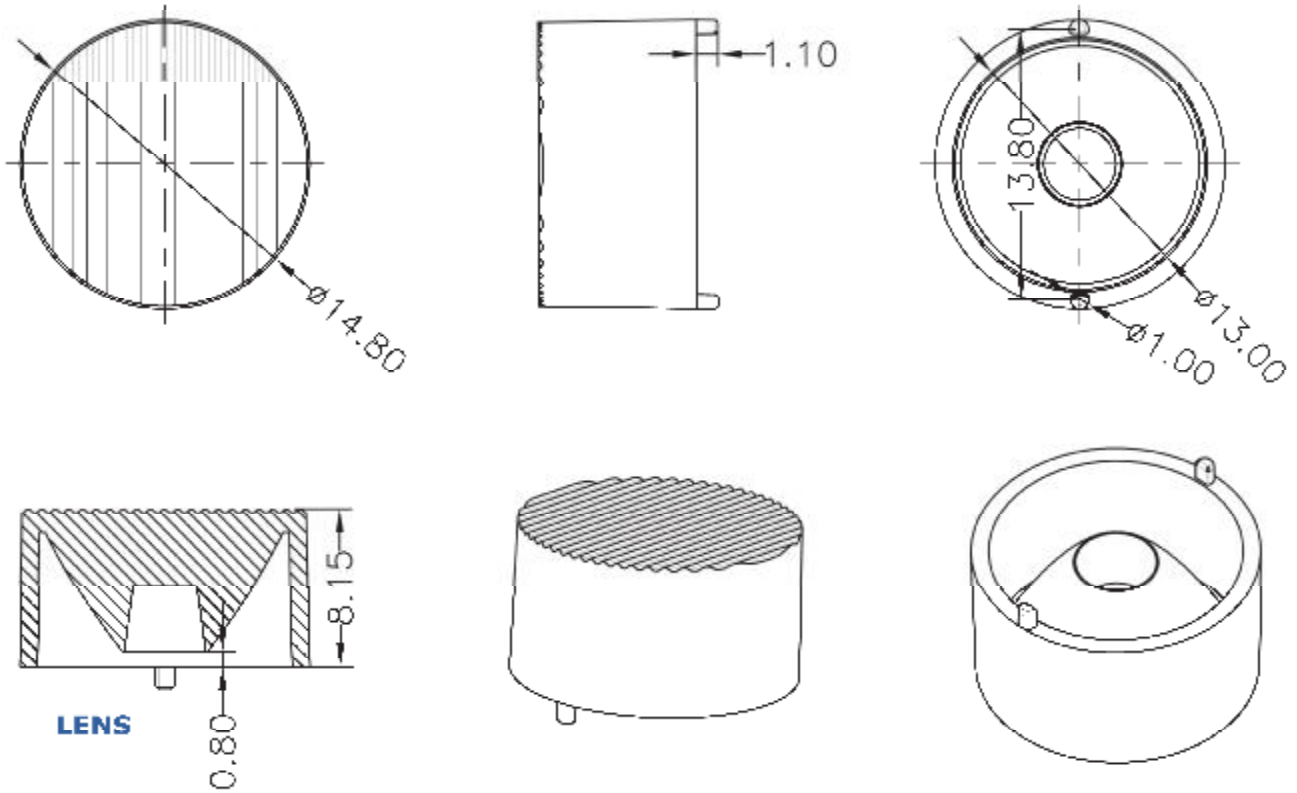
## Optical Characteristics (for 3030)
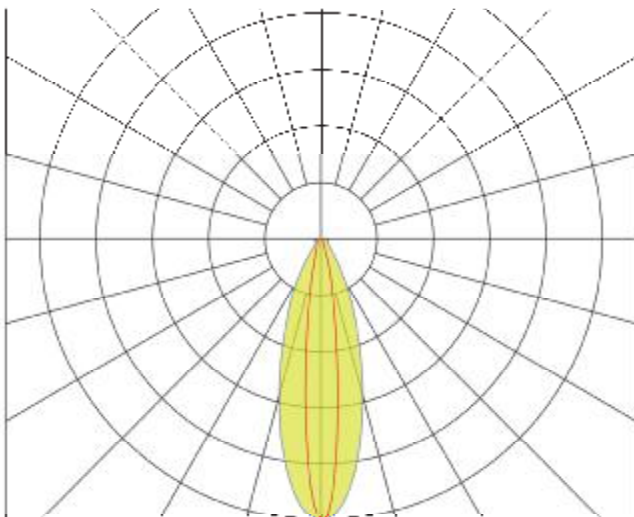
Note:The 3030 LED emitter flux is 120lm @350mA

## Package Information

| Item | Quantity | Total | Size (long*width* high) |
|------|----------|-------|-------------------------|
| Tray | 64pcs/tray | 64pcs | – |
| Inner box | 8 tray/inner box | 512pcs | 12.5*12.5*12.5 cm |
| Outer box | 18 inner box/outer box | 9216pcs | 42.0*39.0*39.0 cm |

64pcs/tray

512pcs/inner box

9216pcs/outer box

## Product Nomenclature

X6:Angle Type
F:Full Angle
H:Half Angle

X7: Holder Serial Number
01,02,03,04,05,06,07...

X8: Assemblies
M: Lens+Holder

X9:Holder Color
1: Black
2: White
3:Clear

# YML 01 CR-HX xx F-xxMx

X1  X2  X3  X4  X5  X6  X7  X8  X9

The part number has no this part without holder.

X5:Lens Angle
8,10,15,15*50 ,25,30,40,45,60,70,80,25*45

X4:Lens Serial Number
AA,AB,AC,AD,AE,AF,AG,AH

X3:Led Type
ED:Edixeon CR:CREE OSRAM:OS LUXEON:LU

X2:Lens Q'ty
01,02,03,04,06,07,09,12,24,36...

X1:Company Shot Name
YongMingLiang