深圳市永明亮光电科技有限公司
ShenZhen YML Photoelectric Technology Co.,Ltd

PRODUCT DATA SHEET

YML01CR-EBxxF   LENS

PRODUCT DESCRIPTION

Feartures:

- High efficiency >93%
- Available in 11 beam pattern
- Optimized for uniform effects
- Lens material Optical grade PMMA
- Lens with holder

Typical applications:

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

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General Information (TJ = 25°C)

- **Compatible Led Type:**

  The YML01CR-EBxxF single lens is optimized for 3535 led .

- **Beam Angle Type:**

  An optimized profile integrate different front shape enabel the general of eleven lens model:oval beam
  (10 deg;15 deg;25 deg;30 deg;40 deg;60 deg;10*30 deg;10*45deg;10*65 deg;10*70 deg;20*65 deg)[1]

- **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-EBxxF provides excep tional 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 -40℃～+80℃(upper limit +90℃)

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

Notes:

(1) Typical beam divergence will be affected by different LED manufacturers.
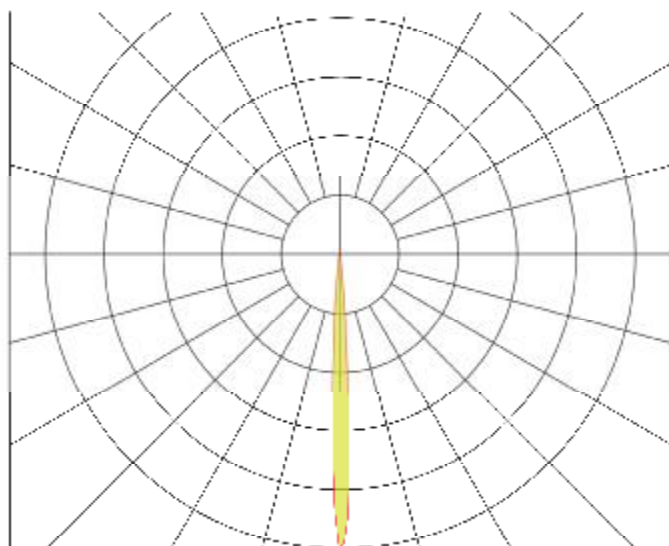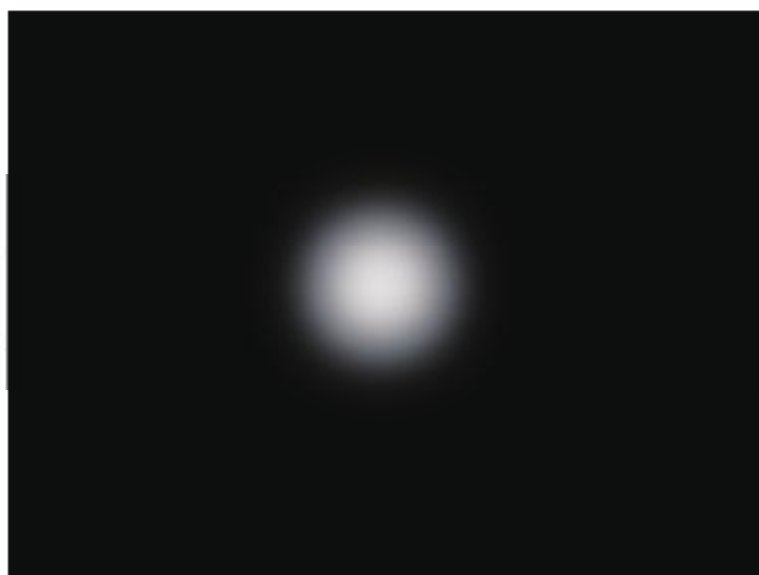
2D Drawings (unit:mm)
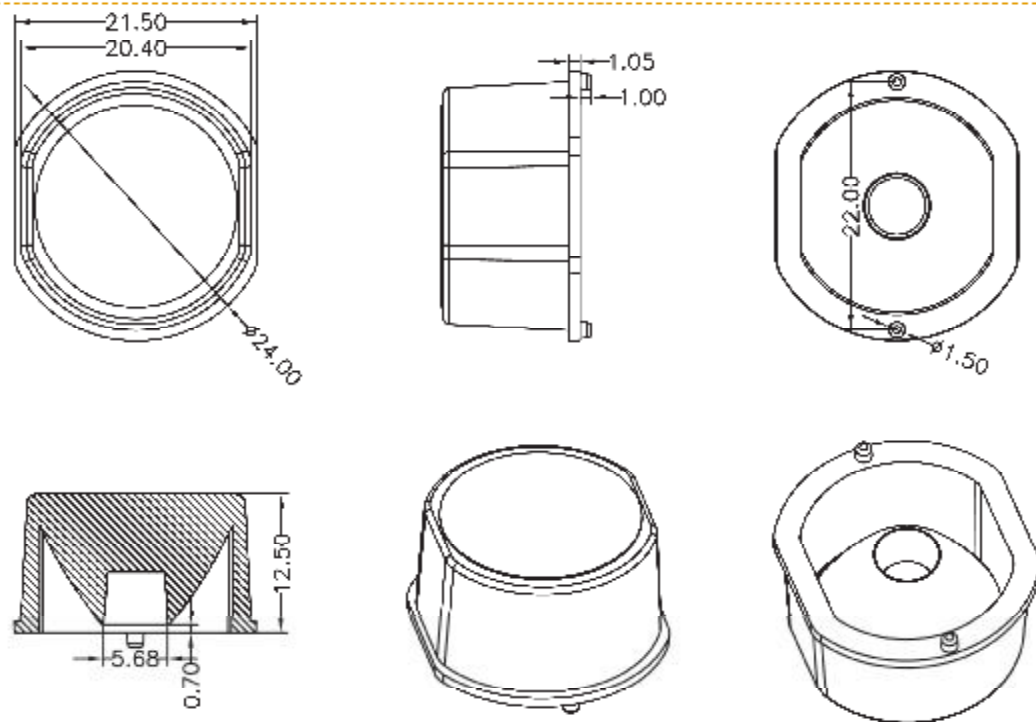
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22.00
Ø1.50
12.50
5.68
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LENS

Optical Characteristics (for 3535 LED)

Note:The CREE XP-E LED emitter flux is 120lm @350mA

2D Drawings (unit:mm)
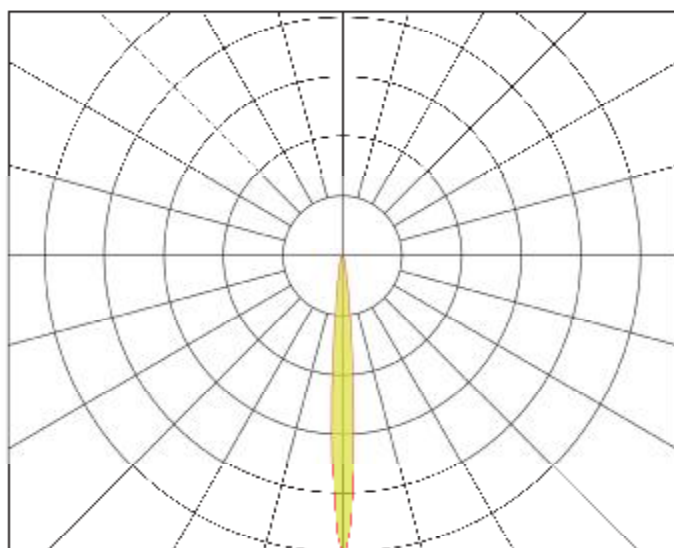
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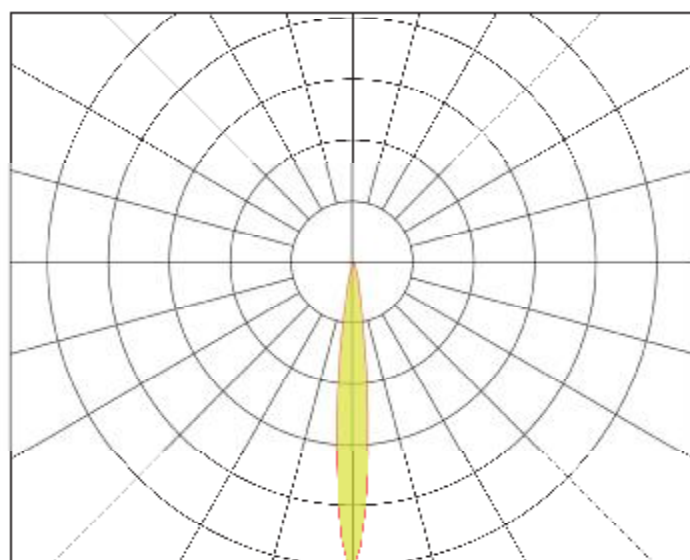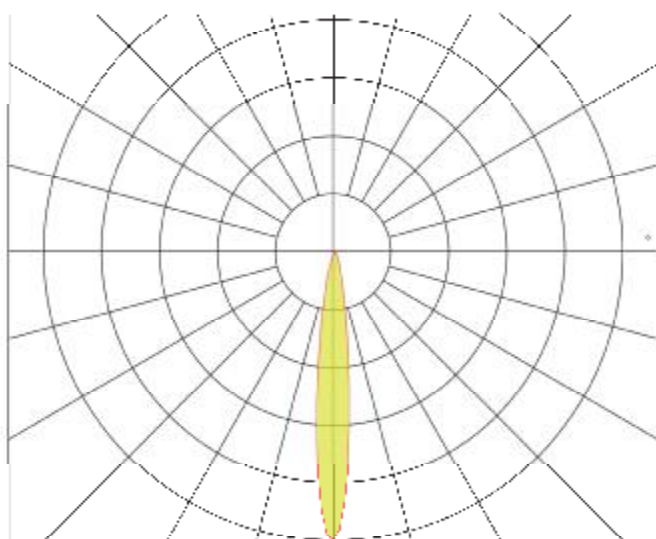Note:The CREE XP-E LED emitter flux is 120lm @350mA

2D Drawings (unit:mm)

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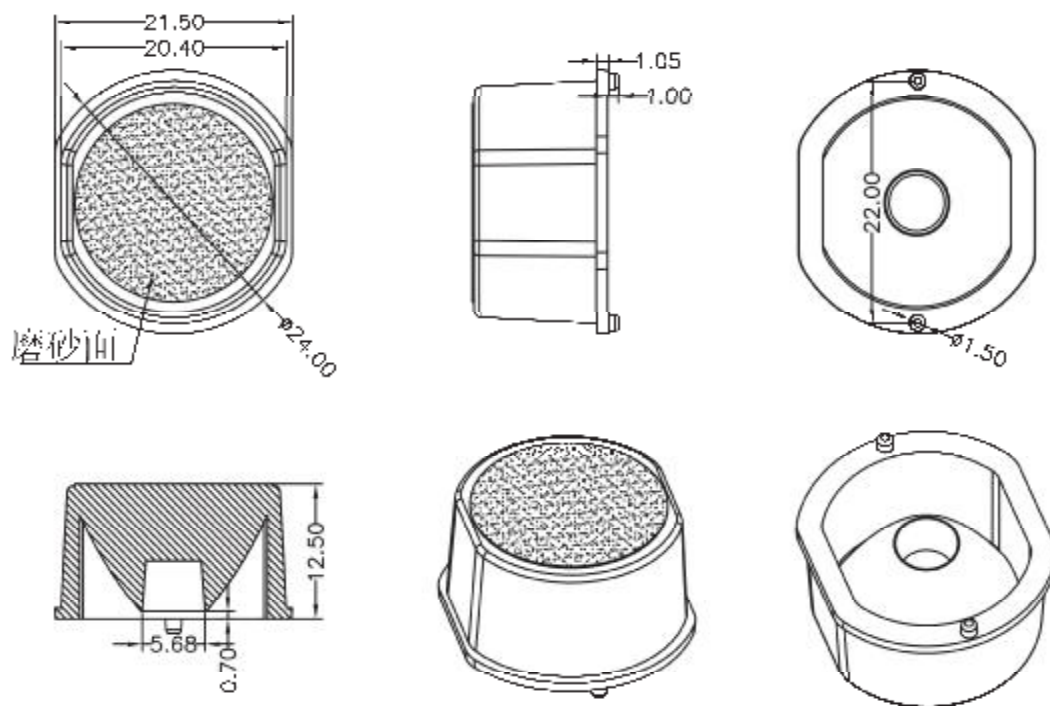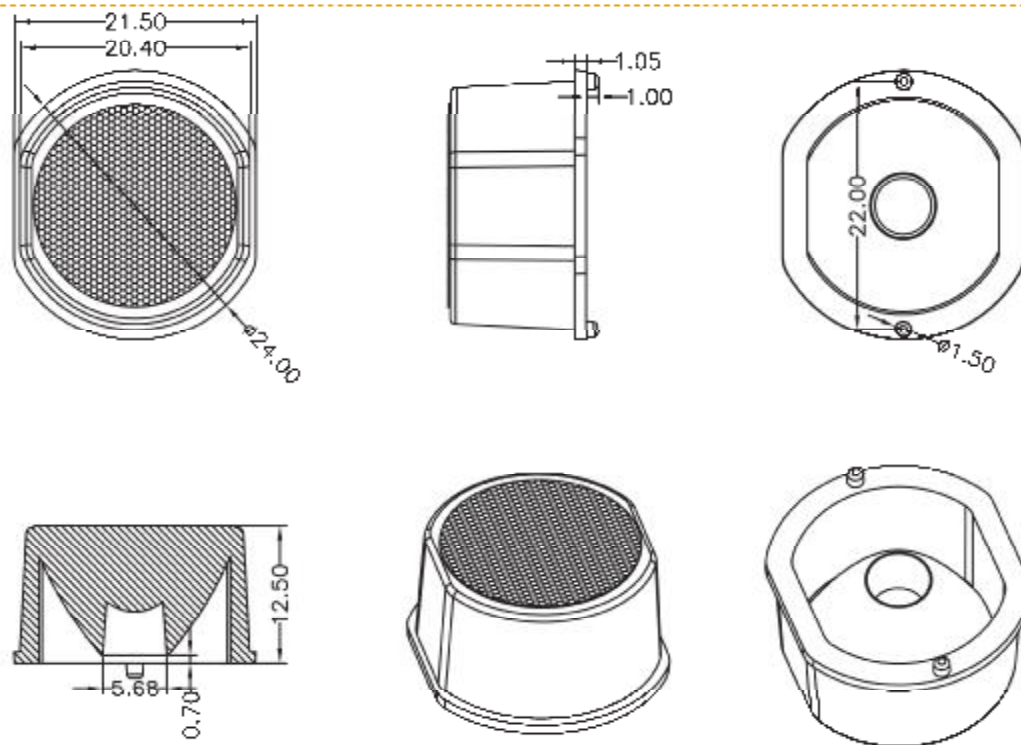
LENS

Optical Characteristics (for 3535 LED)

Note:The CREE XP-L LED emitter flux is 120lm @350mA

2D Drawings (unit:mm)

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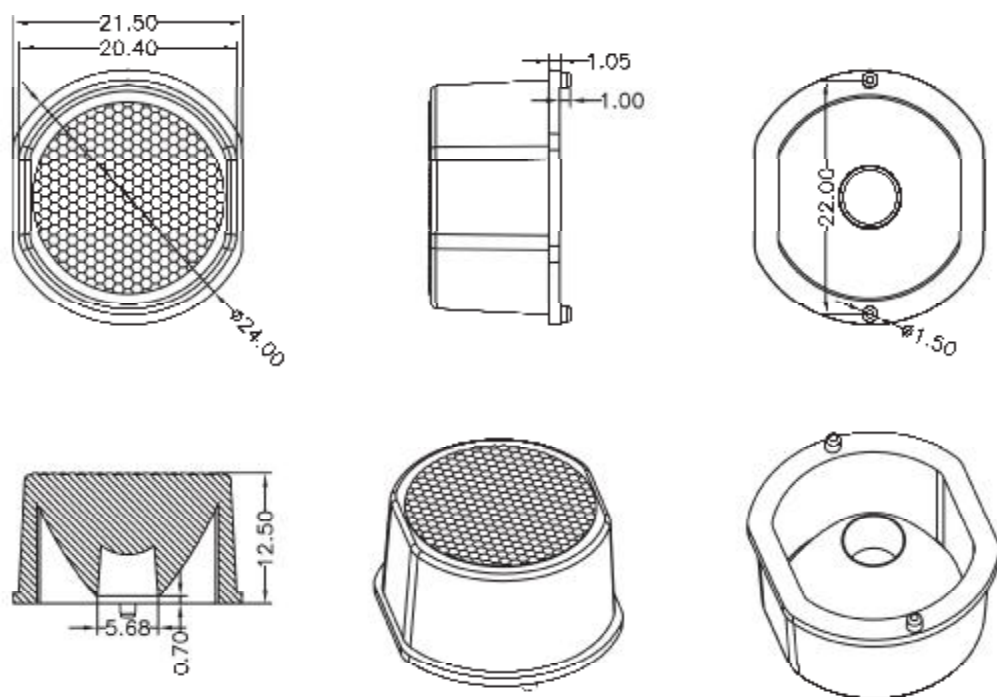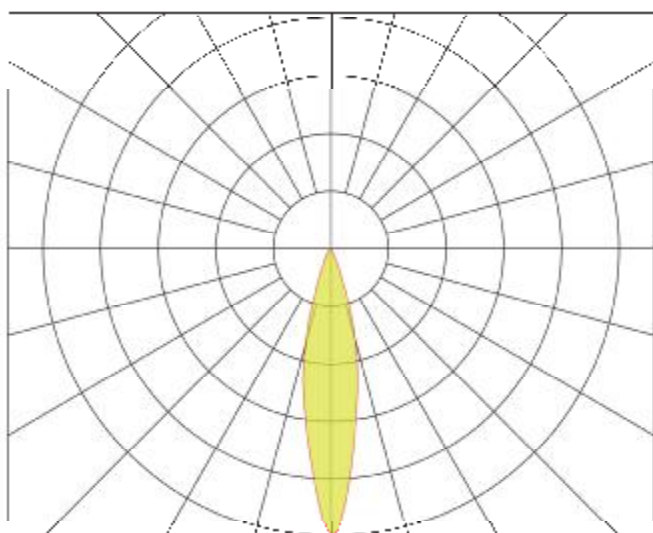1.05
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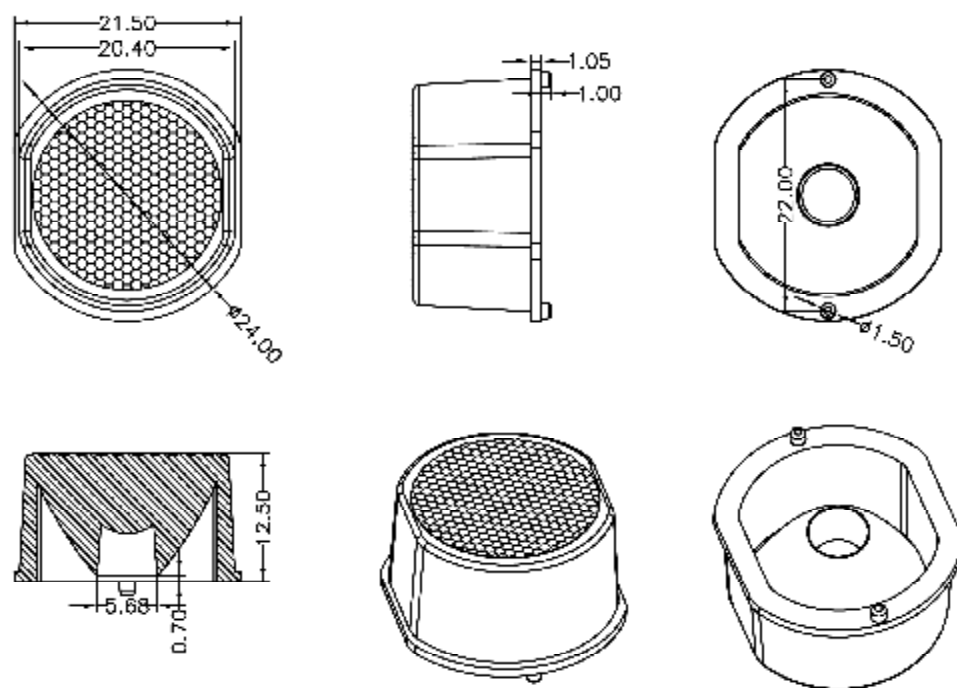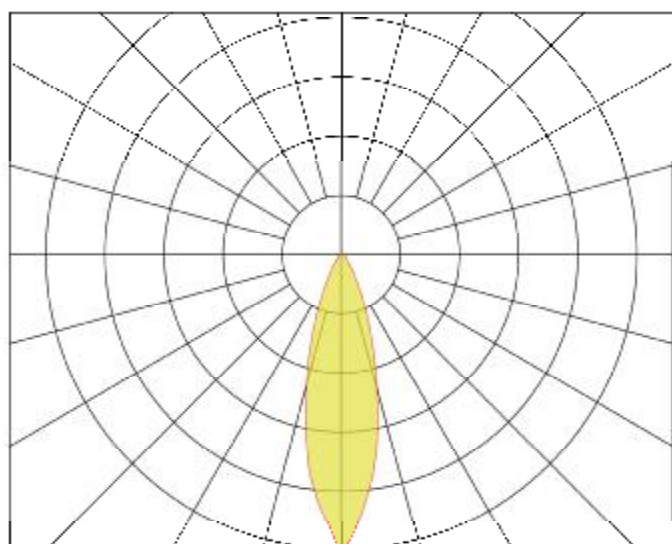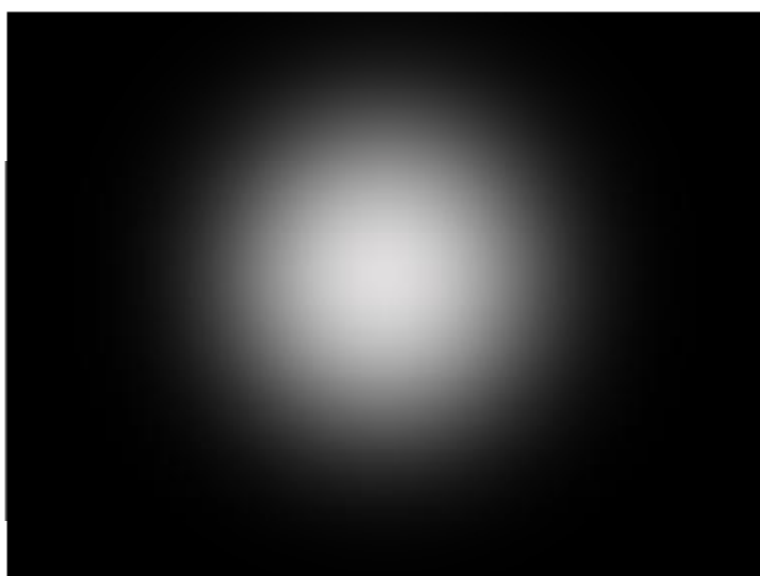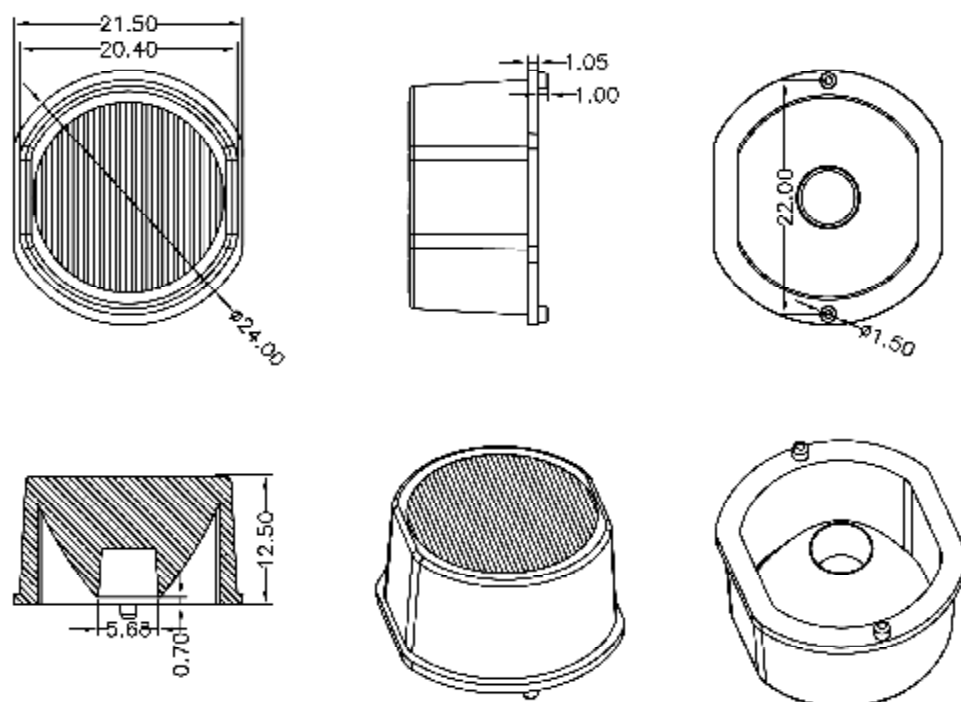

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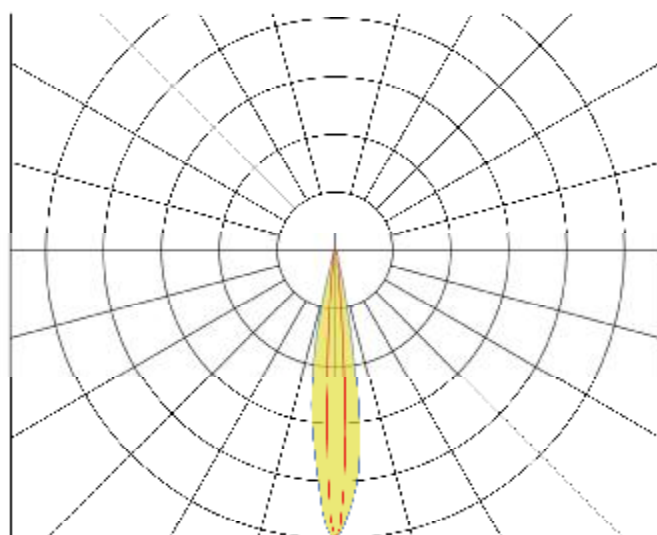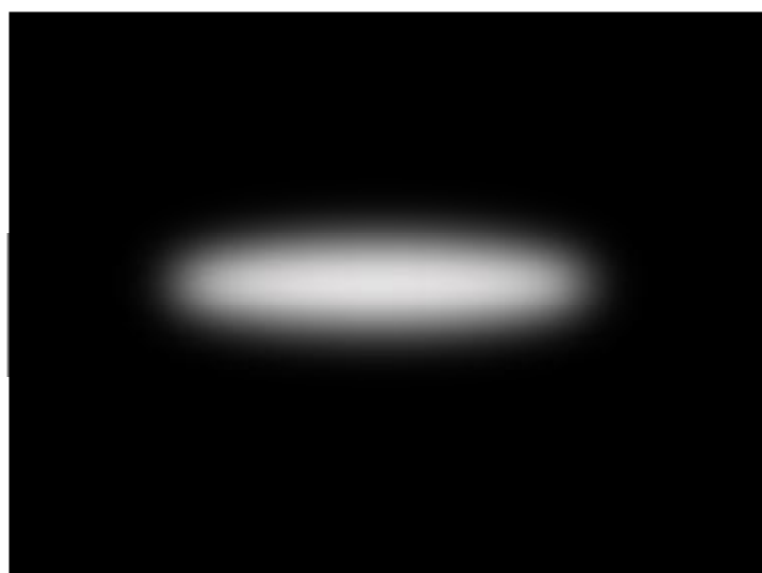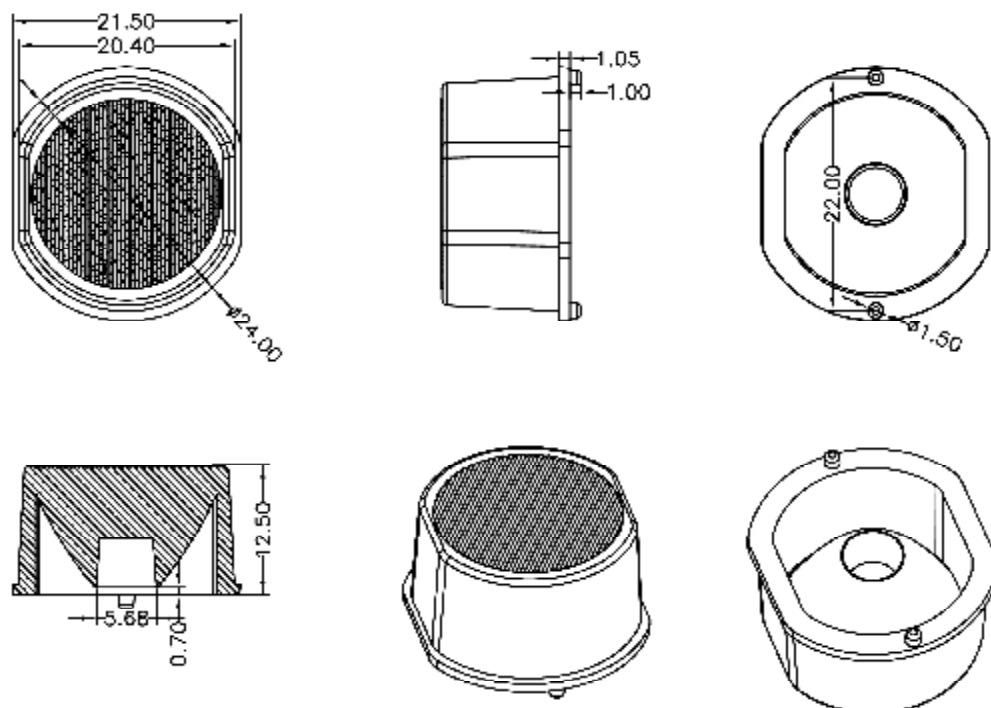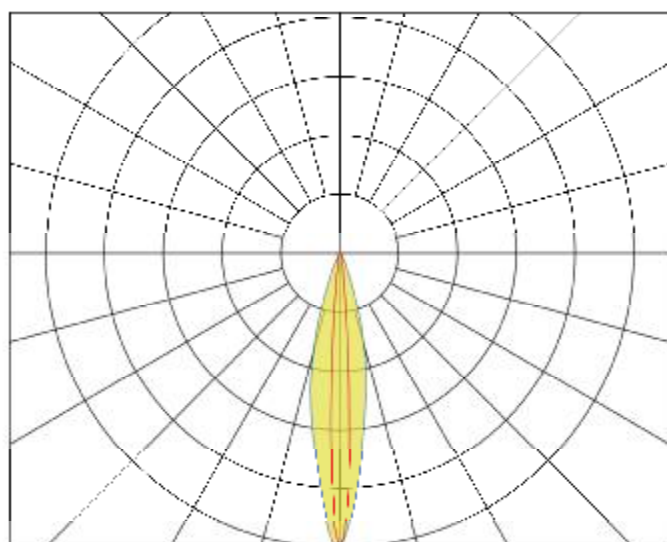
2D Drawings (unit:mm)

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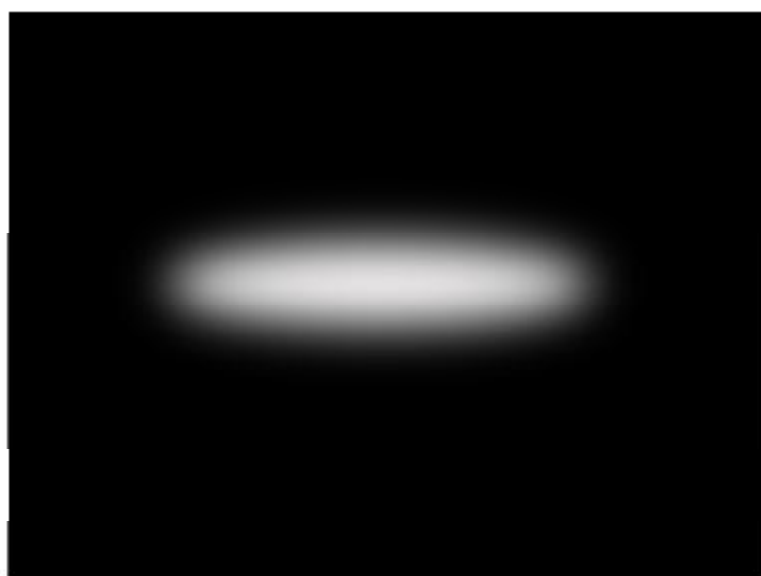**LENS**

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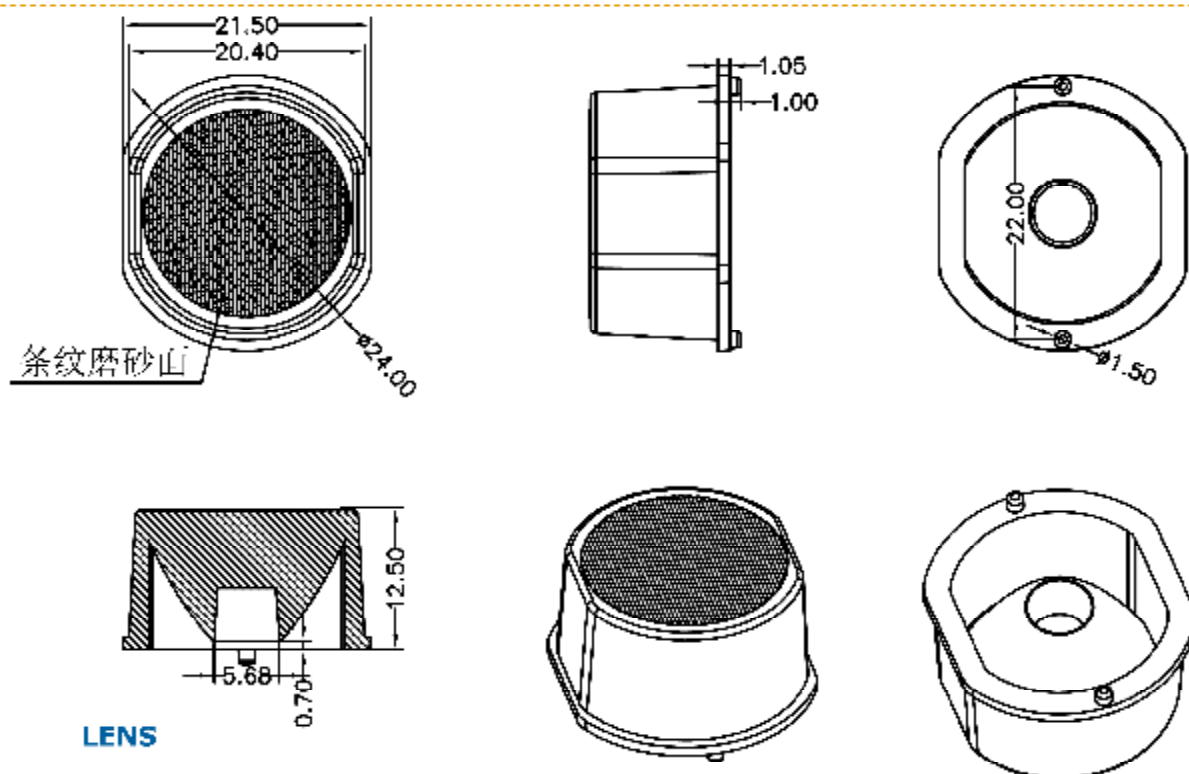## Optical Characteristics (for 3535 LED)

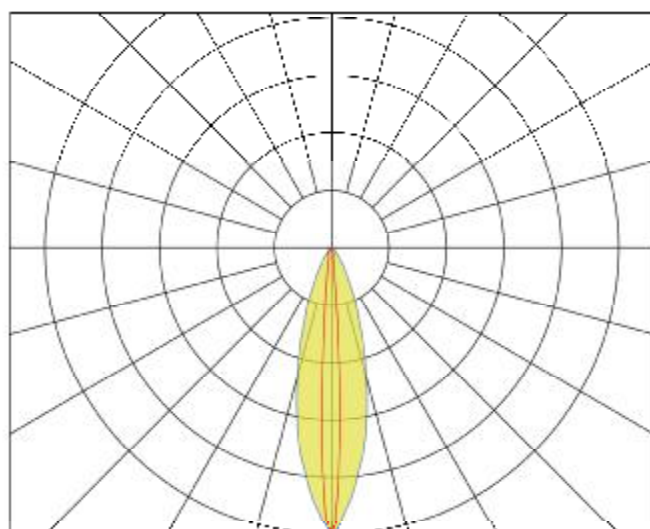Note:The CREE XP-E LED emitter flux is 120lm @350mA

2D Drawings (unit:mm)

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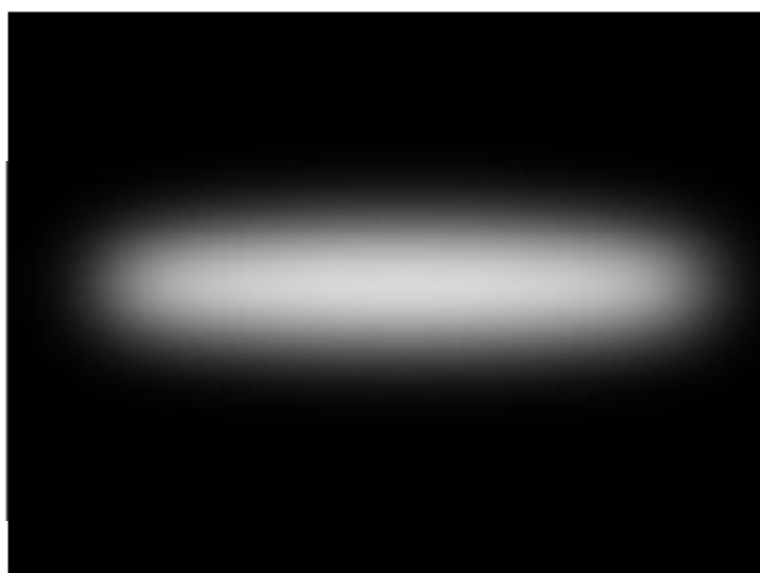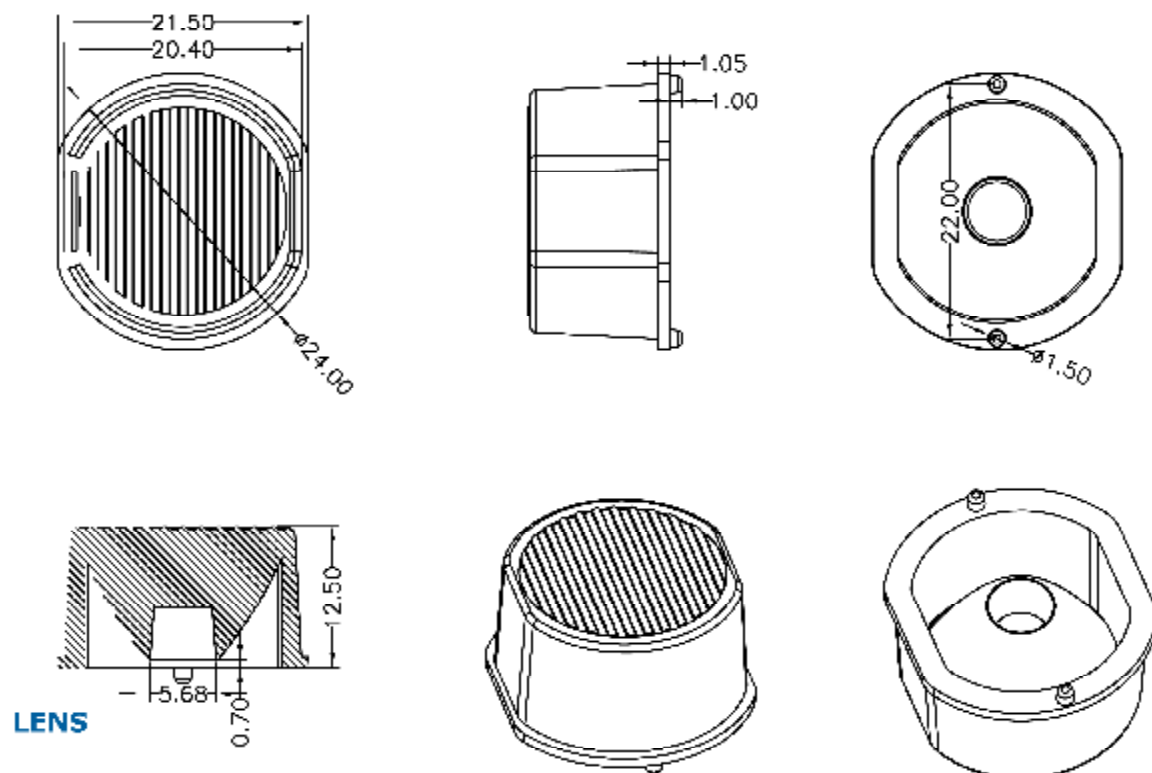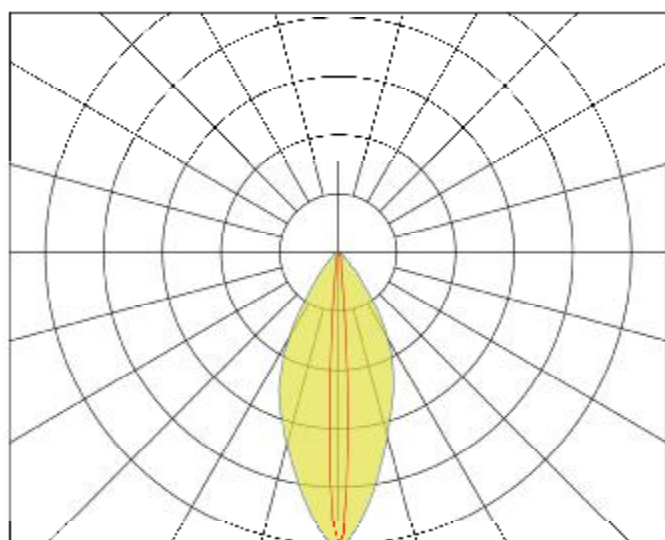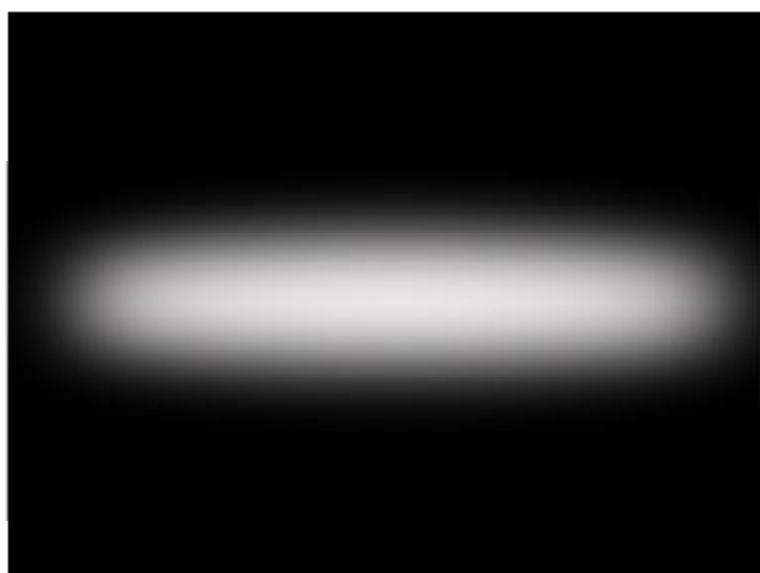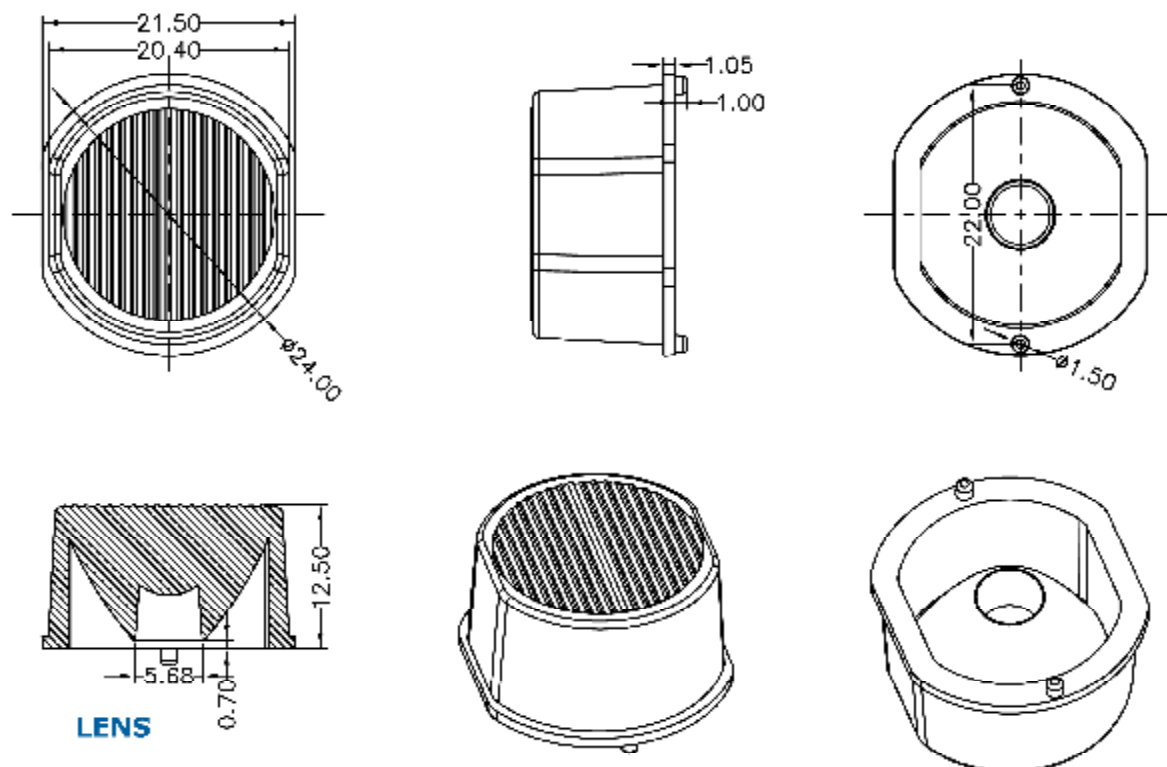

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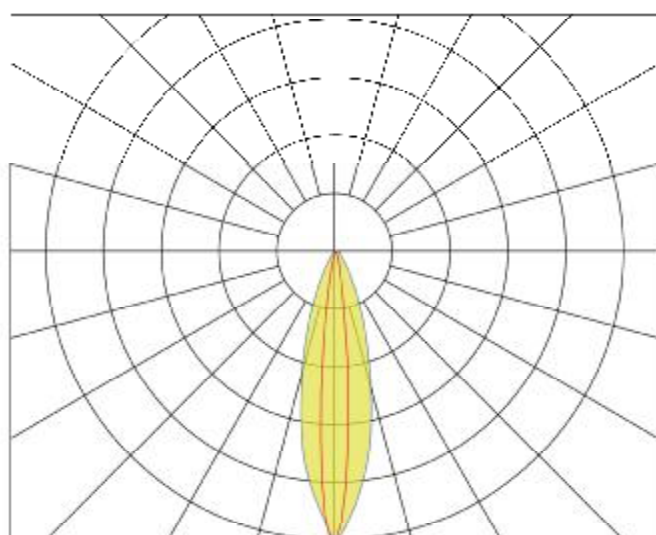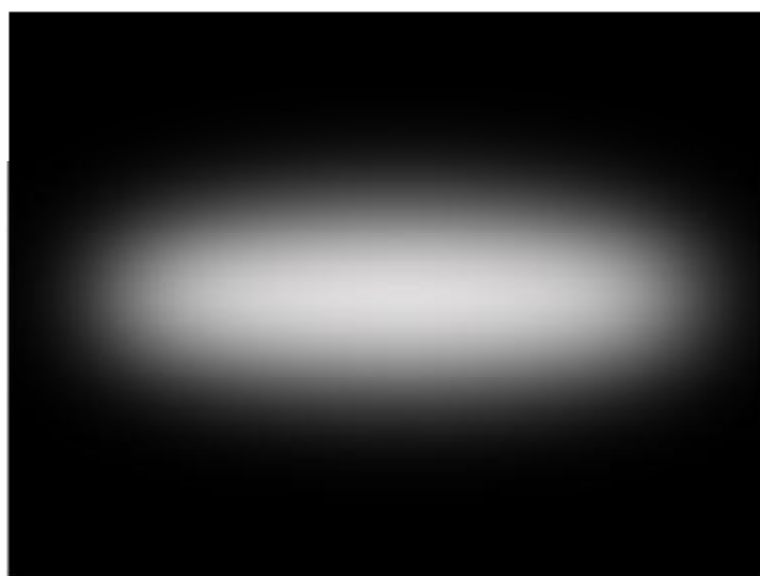## Optical Characteristics (for 3535 LED)

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Package Information

Item	Quantity	Total	Size (long*width* high)
Tray	25pcs/tray	25pcs	–
Inner box	9 tray/inner box	225pcs	12.5*12.5*12.5 cm
Outer box	18 inner box/outer box	4050pcs	42.0*39.0*39.0 cm

25pcs/tray

225pcs/inner box

4050pcs/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-EB 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