

TOSAINE®

深圳市中熙光电有限公司

SHEN ZHEN TOSHINE OPTOELECTRONICS CO.,LTD

承认书

SPECIFICATION FOR APPROVED

类型(Type)

公模
Shared



私模
Custom



料号(Code)

TLD38AXXL

品名(Description)

Medium single lens

编号(No.)

日期(Date)

2020-8-19

备注:

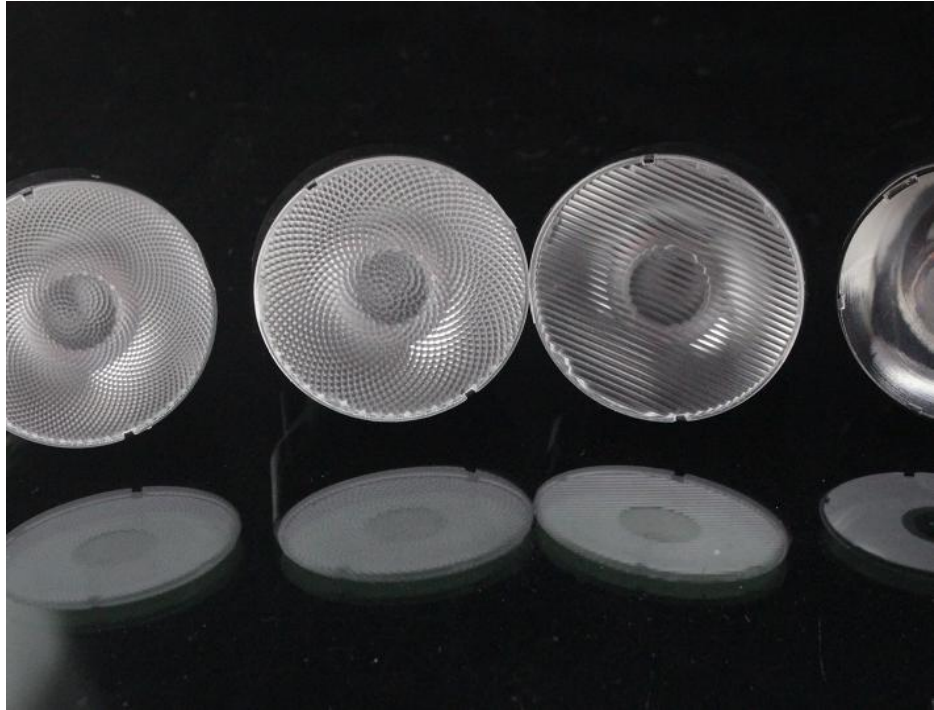
APPROVED SIGNATURES

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TLD38AXXL Family is an RGB and tuneable white colour mixing family with toshine's unique floret-type hexagonal surface ensuring excellent colour uniformity. The optic comes with a black holder with positioning pins in both holder and lens making assembly easy and accurate.

TLD38AXXL Family is available with or without tape.

Dimensions: 37.8 MM
Height: 24.5 MM
Fastening: Screw/tape/nothing
RoHS and REACH compliant: YES
Accessories : housing+lens
Compatible:3535/5050 Size Led



TLD38axxL Family has optional Secondary Lens, through the replacement of Secondary Lens to achieve the desired effect. This series can match 3535.5050 Monochrome LED or 3535.5050 RGB LED. TLD38AXXL系列有可以选配的二次镜片，通过更换二次镜片达到客户想要的效果。本系列产品可以匹配3535.5050单色光LED，也可以匹配3535.5050RGB混光LED。产品由主透镜+支架+二次透镜组成。

General Information

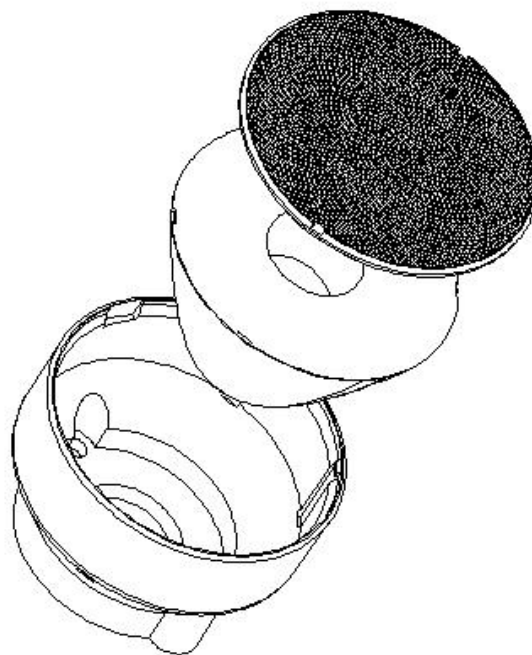
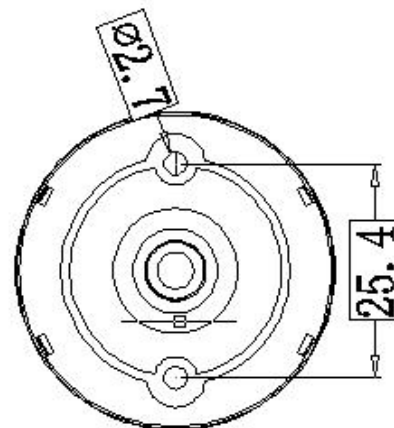
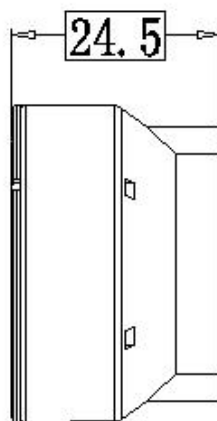
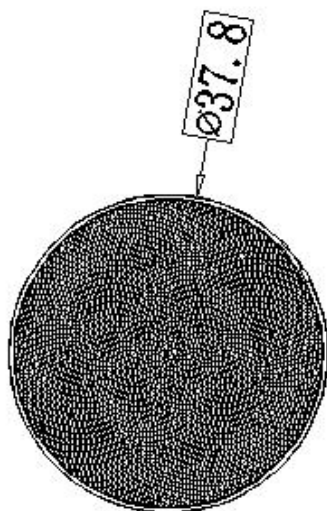
- Lens Material : PMMA
- Operating Temperature range $-40^{\circ}\text{C} \sim +110^{\circ}\text{C}$ (upper limit $+120^{\circ}\text{C}$).
- Storage Temperature range $-40^{\circ}\text{C} \sim +110^{\circ}\text{C}$ (upper limit $+120^{\circ}\text{C}$).
- Average transmittance in visible spectrum $400\text{nm} \sim 700\text{nm} > 90\%$.

Usage and Maintenance:

1. If necessary, clean lenses with mild soap, water and soft cloth.
2. Never use any commercial cleaning solvents on lenses, like alcohol.
3. Please handle or install lenses with wearing gloves, skin oils may damage lens or its optical characteristic.



LENS Drawings:



Annotation:

单位Unit: MM

材料Materials: PMMA+PC+PMMA

未注公差Tolerance: ± 0.1 MM

PRODUCTS OPTICS

N O.	Compatible	CD/LM	OPTICS Beam	Light Picture
TLD38A03L	CREE XPE2/XPE	95	3.2°	
	CREE XTE2/XPG	45	6.5°	
	CREE XHP35	22	10.2°	
	CREE XHP50	12	14.5°	
TLD38A15L	3535	35	8°	
	5050	26	10°	
	3535 RGB	12	15°	
	5050 RGB	7.5	18.5°	
TLD38A24L	3535	4.8	22°	
	5050	4.2	28°	
	3535 RGB	4.2	24°	
	5050 RGB	3.8	28°	
TLD38A36L	3535	3.8	28°	
	5050	2.5	33°	
	3535 RGB	2.8	30°	
	5050 RGB	2.1	35°	
TLD38A1550L	3535	7.2	6*40°	
	5050	5.2	12*45°	
	3535 RGB	6.5	7*42°	
	5050 RGB	5	12*48°	

NOTE:

The typical beam angle will be changed by different color, chip size and chip position tolerance. The typical total beam angle is the full angle measured where the luminous intensity is half of the peak value

以上数据为指定LED测试而来，也可以适配其他品牌的3535/5050 LED, 测试结果可能会有不同，请使用前先进进行测试！