

表	
基本尺寸范围	公差值
Basic size	Tolerance value
<3	±0.1
3~10	±0.15
10~24	±0.20
24~65	±0.35
65~140	±0.50
140~250	±0.80
250~450	±1.2
>450	±2.0

技术要求:

- 1、未注圆角及拔模斜度按3D图。
 - 2、未注尺寸公差按右表。
 - 3、表面无飞边，缩水，气泡等缺陷。

*4、灯具采用胶圈防水时：要求散热器与胶圈的接触面的粗糙度： $R_a < 3.2 \mu\text{m}$

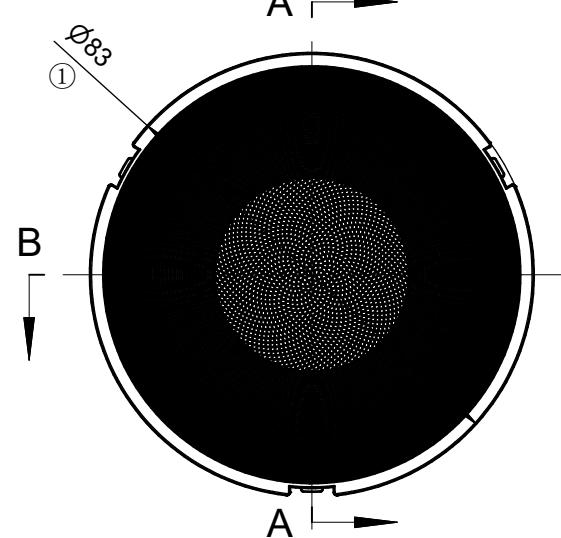
Technical remark:

1. Fillet and inclination not indicated according to 3D drawing.
 2. Dimensional tolerances not indicated are shown in the right list.
 3. The surface has no flash, shrinkage, bubbles and other defects.

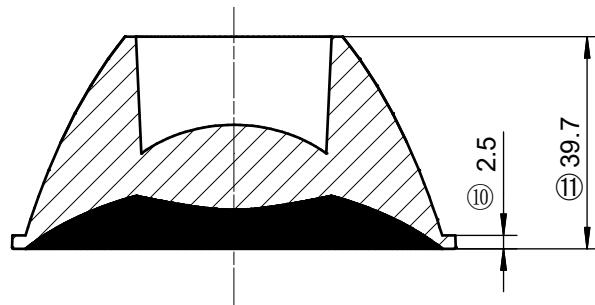
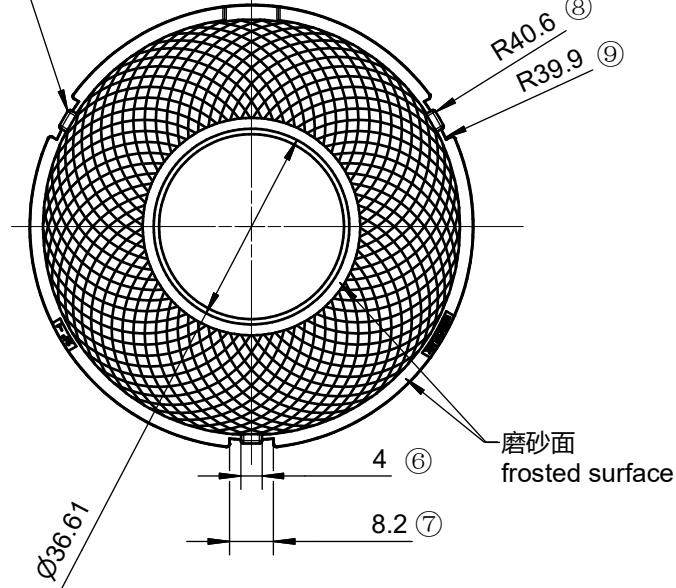
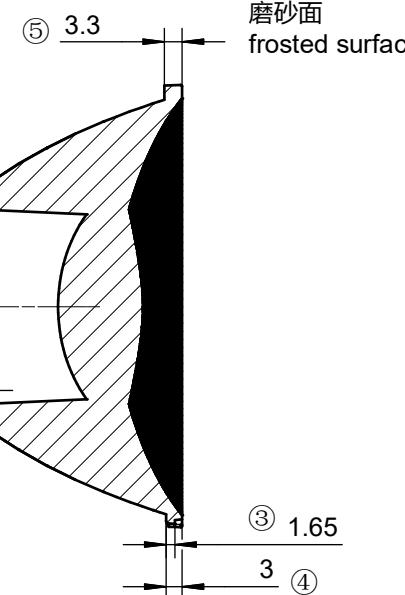
*4. When the lamp adopts rubber ring for waterproofing: the roughness of the contact surface between the radiator and the rubber ring is required: $R_a < 3.2\mu m$

2					4				
1					3				
序号 Item	更改标记 Change mark	更改内容 Change content	更改日期 Change date	签 名 Signature	序号 Item	更改标记 Change mark	更改内容 Change content	更改日期 Change date	签 名 Signature
光学设计 Optical design			Title: HK 黑光83@40-15度透镜 HK Dark 83@40-15°lens			Drawing No. HK-HG-83@40-15-D19-21-1g-1			
结构设计 Structural design						Part No. 1.01.02480			
审核 Verify						CDHK			
审定 Approval			材 料 Material:	PMMA					

6 5 4 3 2 1



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技术要求:

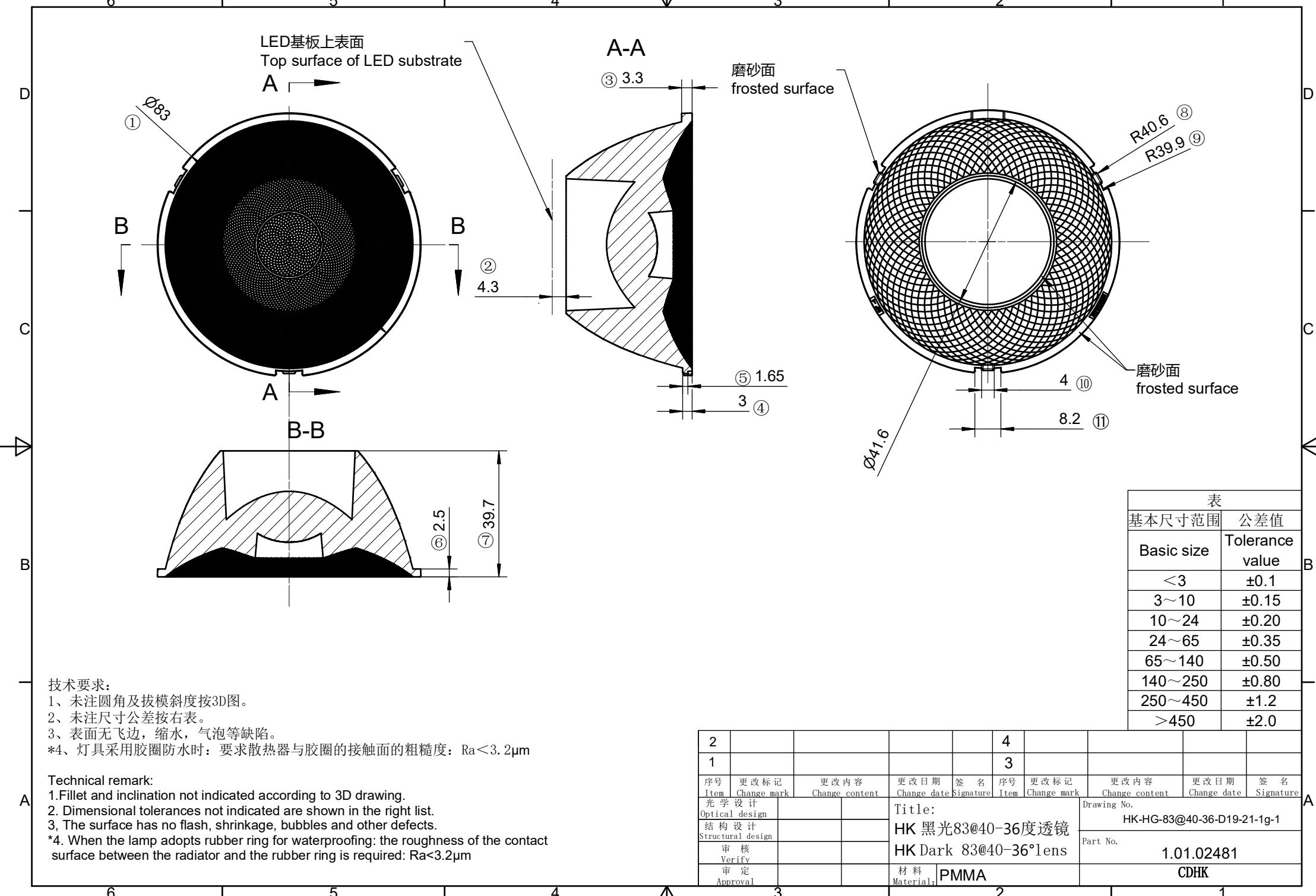
- 未注圆角及拔模斜度按3D图。
 - 未注尺寸公差按右表。
 - 表面无飞边, 缩水, 气泡等缺陷。
- *4. 灯具采用胶圈防水时: 要求散热器与胶圈的接触面的粗糙度: $Ra < 3.2\mu m$

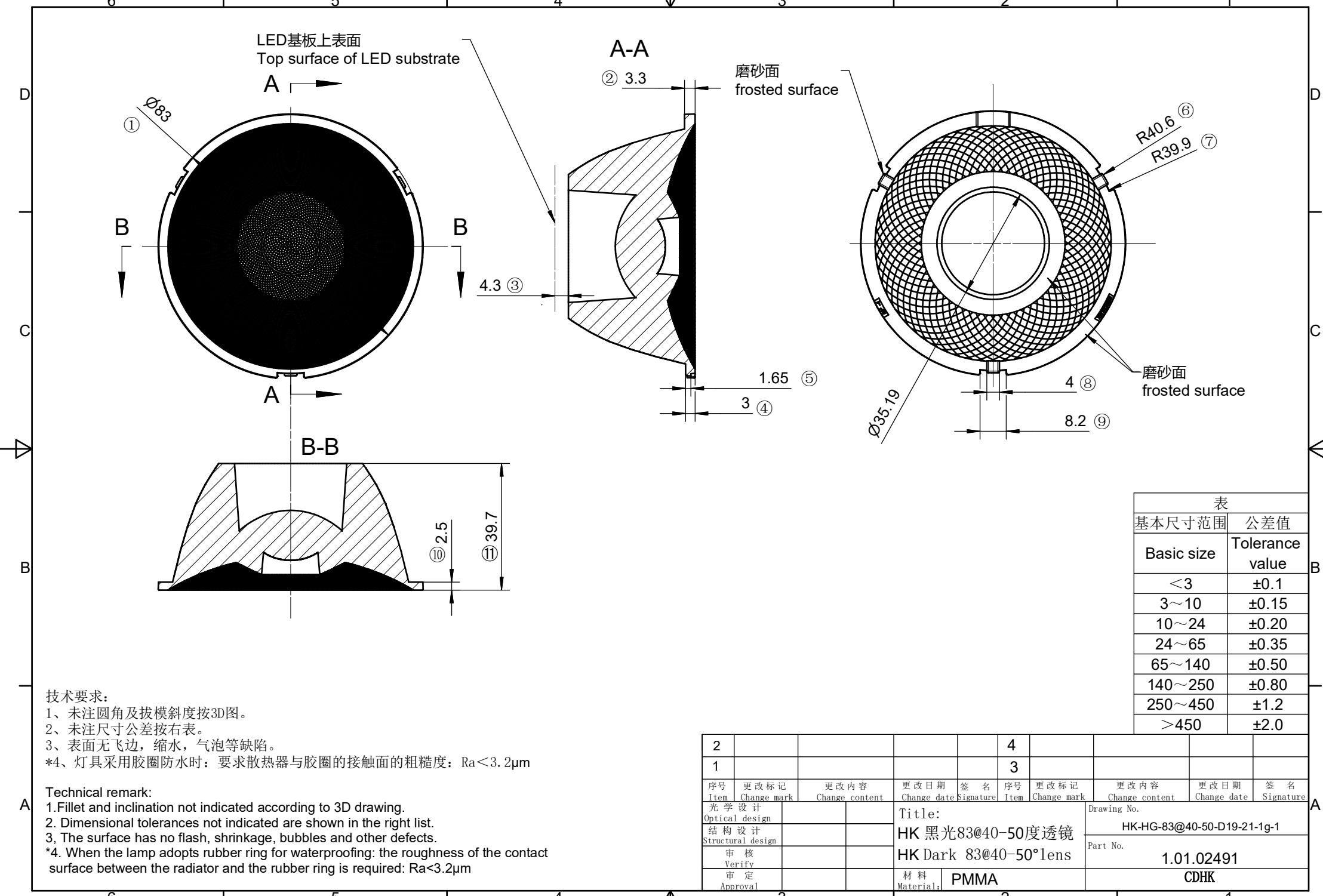
Technical remark:

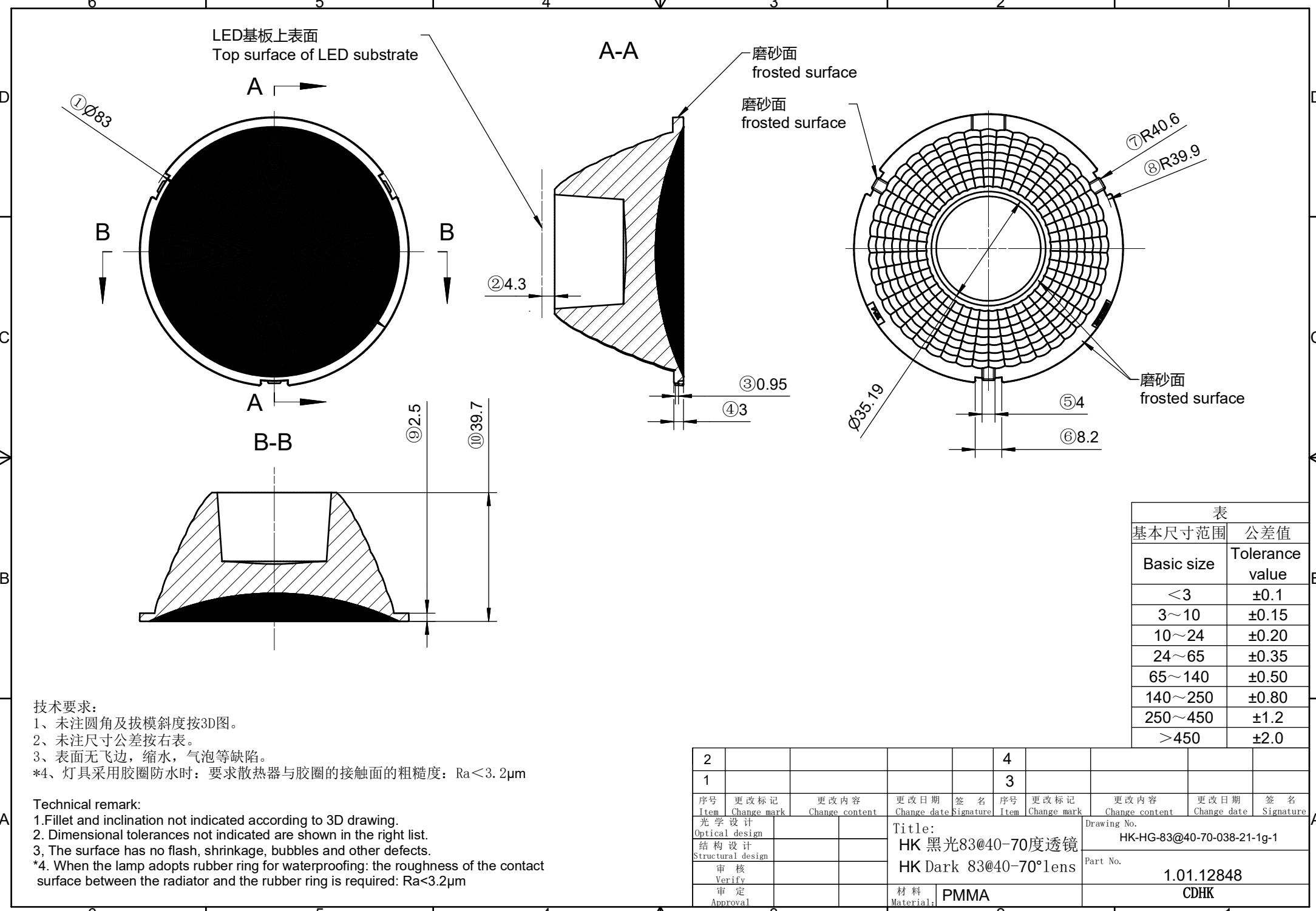
- Fillet and inclination not indicated according to 3D drawing.
 - Dimensional tolerances not indicated are shown in the right list.
 - The surface has no flash, shrinkage, bubbles and other defects.
- *4. When the lamp adopts rubber ring for waterproofing: the roughness of the contact surface between the radiator and the rubber ring is required: $Ra < 3.2\mu m$

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>450	±2.0

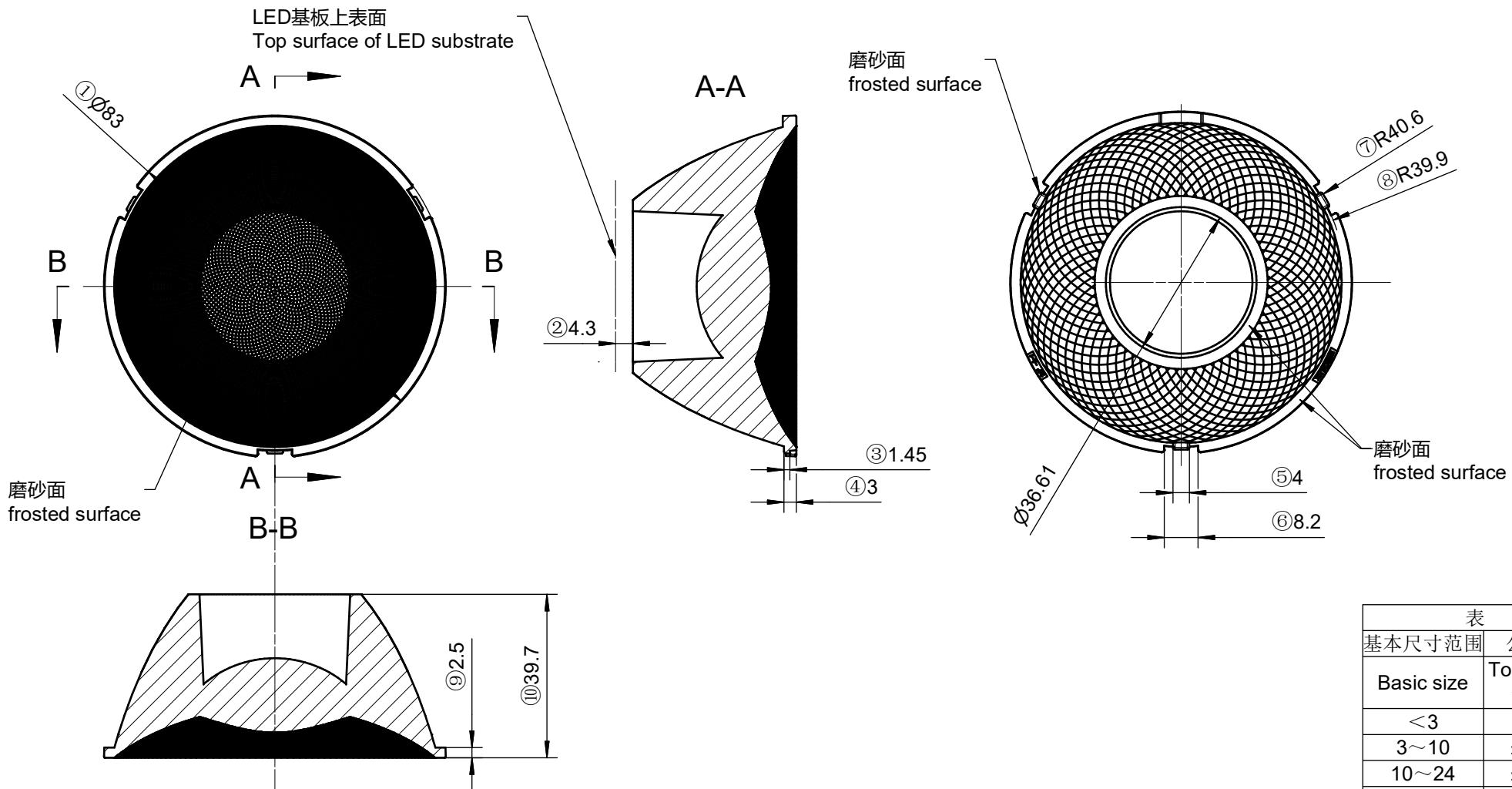
2					4			
1					3			
序号	更改标记	更改内容	更改日期	签 名	序号	更改标记	更改内容	更改日期
Item	Change mark	Change content	Change date	Signature	Item	Change mark	Change content	Change date
光学设计			Title:		Drawing No.			
Optical design			HK 黑光83@40-24度透镜		HK-HG-83@40-24-D19-21-1g-1			
结构设计			HK Dark 83@40-24°lens		Part No.			
Structural design					1.01.02441			
审核					CDHK			
Verify								
审定								
Approval								
材料	PMMA							
Material:	PMMA							







6 5 4 3 2 1



技术要求:

- 未注圆角及拔模斜度按3D图。
- 未注尺寸公差按右表。
- 表面无飞边，缩水，气泡等缺陷。
- *4. 灯具采用胶圈防水时：要求散热器与胶圈的接触面的粗糙度：Ra<3.2μm

Technical remark:

- Fillet and inclination not indicated according to 3D drawing.
- Dimensional tolerances not indicated are shown in the right list.
- The surface has no flash, shrinkage, bubbles and other defects.
- *4. When the lamp adopts rubber ring for waterproofing: the roughness of the contact surface between the radiator and the rubber ring is required: Ra<3.2μm

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基本尺寸范围	公差值
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24~65	±0.35
65~140	±0.50
140~250	±0.80
250~450	±1.2
>450	±2.0

2					4			
1					3			
序号	更改标记	更改内容	更改日期	签 名	序号	更改标记	更改内容	更改日期
Item	Change mark	Change content	Change date	Signature	Item	Change mark	Change content	Change date
光学设计			Title:		Drawing No.			
Optical design			HK 黑光83@40-24度透镜 A		HK-HG-83@40-24-038-21-1g-1			
结构设计			HK Dark 83@40-24°lens A		Part No.			
Structural design					1.01.12739			
审核					CDHK			
Verify								
审定								
Approval								
材料	PMMA							
Material	PMMA							

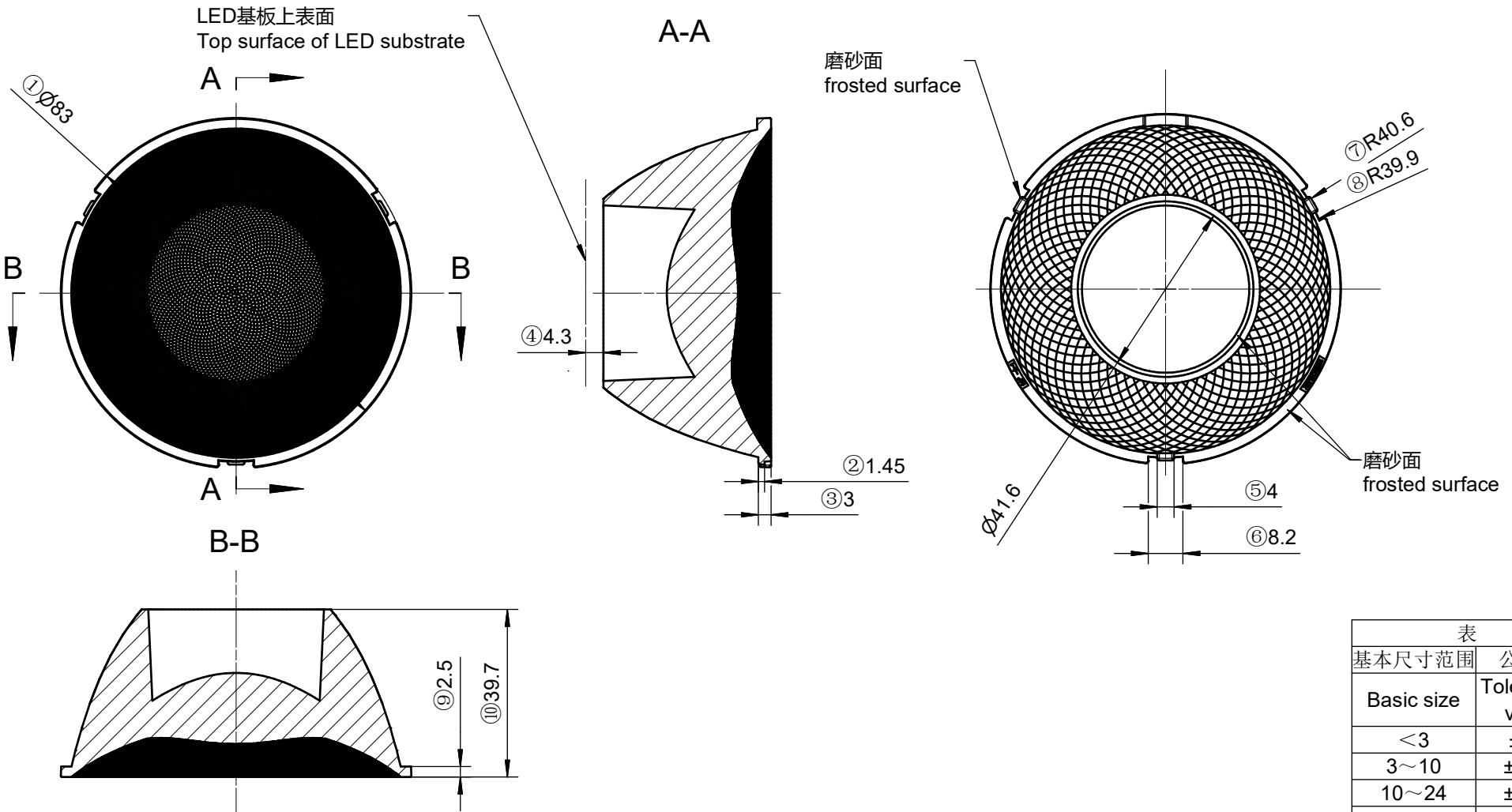


表	
基本尺寸范围	公差值
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10~24	± 0.20
24~65	± 0.35
65~140	± 0.50
140~250	± 0.80
250~450	± 1.2
>450	± 2.0

技术要求:

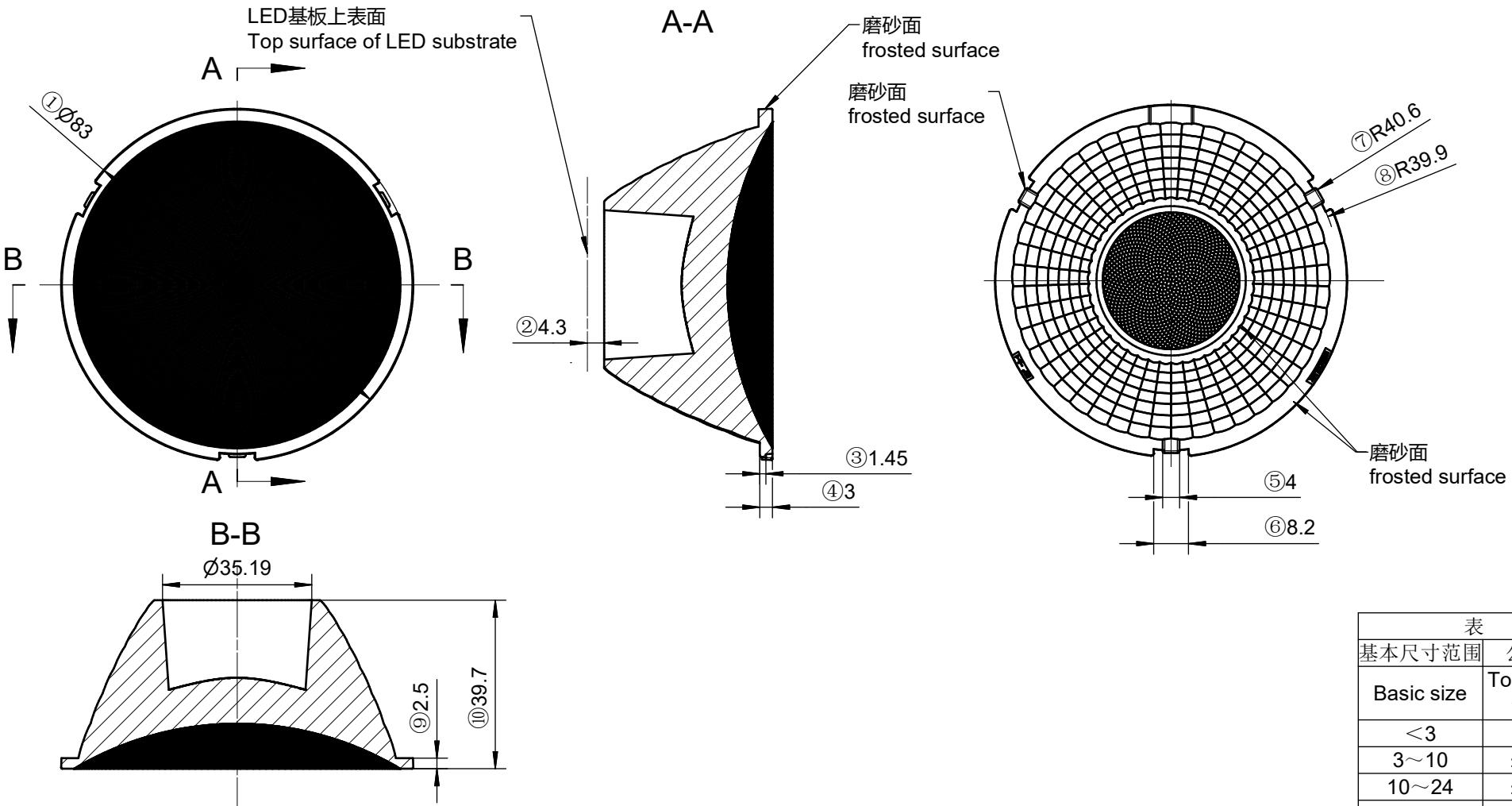
- 1、未注圆角及拔模斜度按3D图。
 - 2、未注尺寸公差按右表。
 - 3、表面无飞边，缩水，气泡等缺陷。
 - *4、灯具采用胶圈防水时：要求散热器与胶圈的接触面的粗糙度： $R_a < 3.2 \mu\text{m}$

Technical remark:

1. Fillet and inclination not indicated according to 3D drawing.
 2. Dimensional tolerances not indicated are shown in the right list.
 3. The surface has no flash, shrinkage, bubbles and other defects.

*4. When the lamp adopts rubber ring for waterproofing: the roughness of the contact surface between the radiator and the rubber ring is required: $R_a < 3.2 \mu m$

2					4				
1					3				
序号 Item	更改标记 Change mark	更改内容 Change content	更改日期 Change date	签 名 Signature	序号 Item	更改标记 Change mark	更改内容 Change content	更改日期 Change date	签 名 Signature
光学设计 Optical design			Title: HK 黑光83@40-36度透镜 A		Drawing No. HK-HG-83@40-36-038-21-1g-1				
结构设计 Structural design			HK Dark 83@40-36°lens A		Part No. 1.01.12744				
审核 Verify			材 料 Material:		PMMA		CDHK		
审定 Approval									



技术要求:

- 1、未注圆角及拔模斜度按3D图。
 - 2、未注尺寸公差按右表。
 - 3、表面无飞边，缩水，气泡等缺陷。

*4、灯具采用胶圈防水时：要求散热器与胶圈的接触面的粗糙度： $R_a < 3.2 \mu\text{m}$

Technical remark:

1. Fillet and inclination not indicated according to 3D drawing.
 2. Dimensional tolerances not indicated are shown in the right

3, The surface has no flash, shrinkage, bubbles and other defects.

*4. When the lamp adopts rubber ring for waterproofing: the round

surface between the radiator and the rubber ring is required: $R_a < 3.2 \mu m$