

DATASHEET

S09.01.02.490_DALTON-D70-36

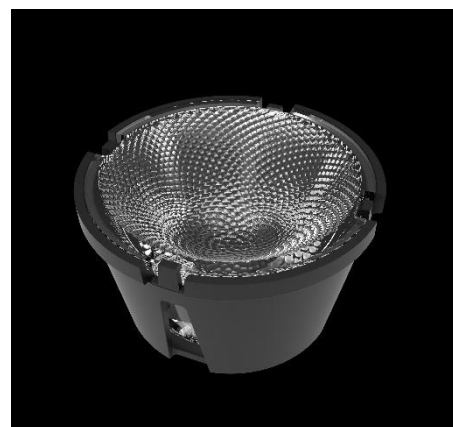
Commercial & Lighting:

~36°Medium beam.

DALTON SERIES; Deep concave surface structure to achieve the ultimate anti-glare effect, mainly optimized for high requirement of anti-glare scene of track lighting, ceiling lighting, spot lighting, outdoor flood lighting etc.

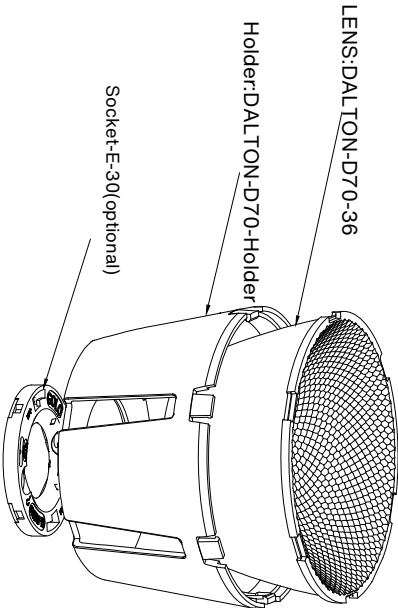
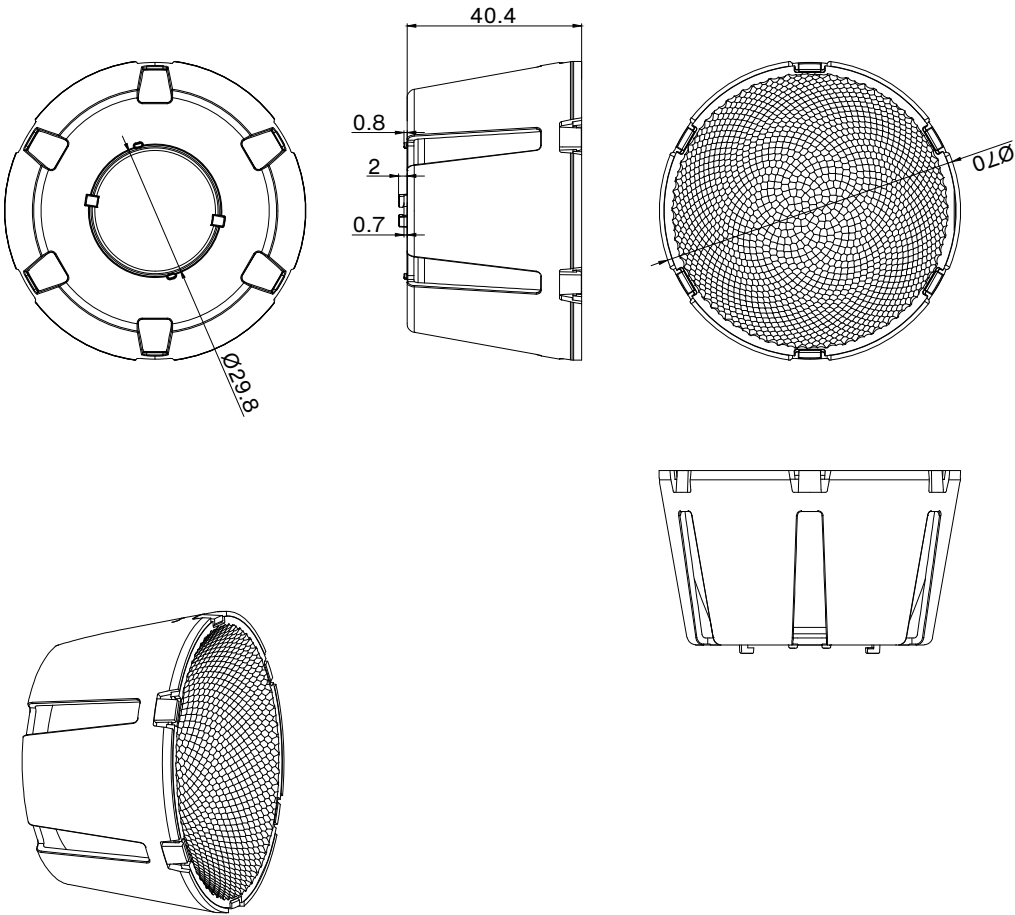
General Information

Lens Material	: PMMA
Holder Material	: PC
Size	: Ø70mm
Typ.FWHM	: 36°
Design LED	: Samsung LC006D
Compatibility	: LES≤10mm
Typ.Efficiency	: 82%
Fasten	: Socket
IP class	: N/A
Zhaga	: N/A
RoHS	: YES
Color	: Clear



产品图 Product drawing

版本 REV	日期 DATE	变更内容 CHANGE (ITEM)
A0	2026-8-7	新建 NEW



技术要求:

1. 图中有序号尺寸需要重点控制;

2. 产品不得有缺胶、气泡、收缩、黑点等异常;

3. 塑料成型的公差一般按照 GB/T 14486 标准, 除非图纸另有说明。

硅胶成型的公差一般按照 ISO 3302-1 中的 M3 级, 除非图纸另有说明。

Technical requirements:

1. The size of the ordered number in the figure needs to be controlled;

2. The product shall not have lack of glue, bubbles, shrinkage, black spots and other abnormalities;

3. Plastic moulding general tolerances according to GB/T 14486 and applies if not otherwise shown in the drawing. Silicone moulding general tolerances according to ISO 3302-1 Class M3 and applies if not otherwise shown in the drawing.

序号 serial number	配件名称 Accessory name	配件代码 Accessory Code	材质 material	数量 quantity	备注 remark
3	Socket-E-30	S06.01.01019	PBT	1pcs	optional
2	DALTON-D70-Holder	S06.01.01021	PC	1pcs	
1	DALTON-D70-36	S01.01.02.490	PMMA	1pcs	

产品名称 Item name	S09.01.02.490 DALTON-D70-36	产品材质 Product material	
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图法 View		设计 Designed by	YeJingsi
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比例 Scale	1:1	审核 Checked by	Eric
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单位 Unit	MM	批核 Approved by	Eric
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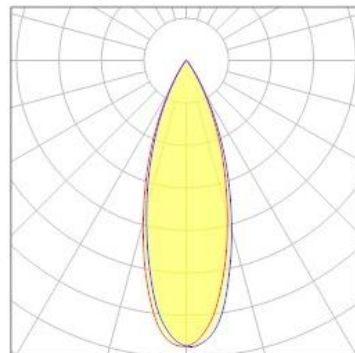
SUNLUMIN OPTICS CO.,LTD

OPTICAL RESULTS

1) PHOTOMETRIC DATA(MEASURED):

SAMSUNG

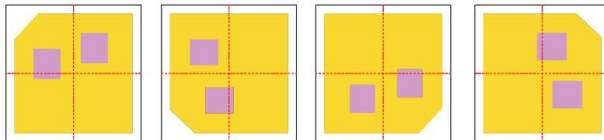
LED model	Samsung LC006D
Light colour	White
LEDs/each optic	1
FWHM	H32.7°,V32.7°
FWTH	H57.4°,V57.2°
Required components:	



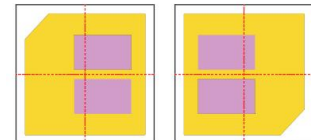
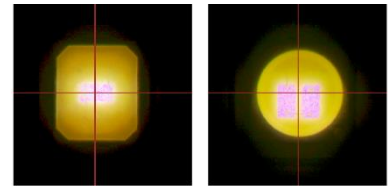
Usage and Maintenance

1) Due to varying asymmetric chip locations, especially on mid-power LEDs, the exact source of light is not always located at the centre of the LED packet. SunLumin recommends rotating such LEDs on the PCB in a regular pattern for smoother results.

Sample layout proposal:



Example A



Example B

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

Disclaimer

When gule pass through holes, columns and other structures, or part of the thin structure, will form a weld line. Please note that flow lines and weld lines on the external surfaces of the lenses are acceptable if the optical performance of the lens is within the specifications.

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. The chart data is for reference only. Please test the data again before using.

The appearance and specifications of the product can be changed to improve the quality and/or performance without notice.

SunLumin assumes no liability of any kind for the possible deviation from any provided data or any other damage resulting from the usage of the provided data.

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