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| 物料编码+材料 | ► 产品名称(几合1-光源) | 产品编号 | 材料 |
| | | | PC |
| | <u> </u> | | PMMA |
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| 5 | 6 | 7 | | | 8 | 9 | 10 | 11 | 76 |
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| 尺寸(L*W*H/Φ*H): | | | | (Topr): | | | 测试报告-名称-光源 | | _ |
| 286mm*61mm*08mm | >80% | -40℃ | to +1 | 20℃ | 30° | 2835 | 2835 | 2835 | |
| | | -40℃ | to +8 | 0℃ | | | | | |
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| 77 | | 78 | 79 | 80 |
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| | 包装信息 | • | | |
| 1袋数量 | 个/层 3层40: 网层 | 层/箱 | 个/箱 | 中隔板 |
| 2 | | 5 | 162 | |
| <u> </u> | 10 | J | 102 | U |
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Product Approval

Approval number: Effective date of approval:

Customer:

Product: HK-286@08-Mining lamp-30°

Material Code: 1.01.71082

PN: HK-286@08-30-3030-22-1g-33

Manufacturer: Chengdu HercuLux Photoelectric Technology Co.,Ltd



| | Supplier confirmation | | | | Client cor | nfirmation | |
|--------------------|-----------------------|------|--|--------------|------------|------------|--|
| Proposed | | DATE | | Qualified□ | | | |
| Project manager | | DATE | | Unqualified□ | DATE | | |
| Audit | | DATE | | Audit | | DATE | |
| Approved | | DATE | | Approved | | DATE | |
| Stamp | | DATE | | Stamp | | DATE | |

(Confirmation of acceptance by both parties must be signed and sealed)

Factory: Chengdu Shuangliu District, lot industrial park 2 road HercuLux Photoelectric Park

Phone: 028-85887727 (801) 028-85887990 (801) Fax: 028-85887730 www.hkoptics.com
Sales Dept: Shenzhen Nanshan District Nanshan Cloud Valley Innovation Industrial Park Comprehensive Service Building,

TEL: 0755-2937 1541 FAX: 0755-2907 5140

*Approval In duplicate, for both supplier and customer.

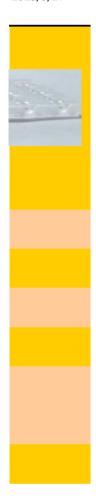


HERCULUX Product Approval

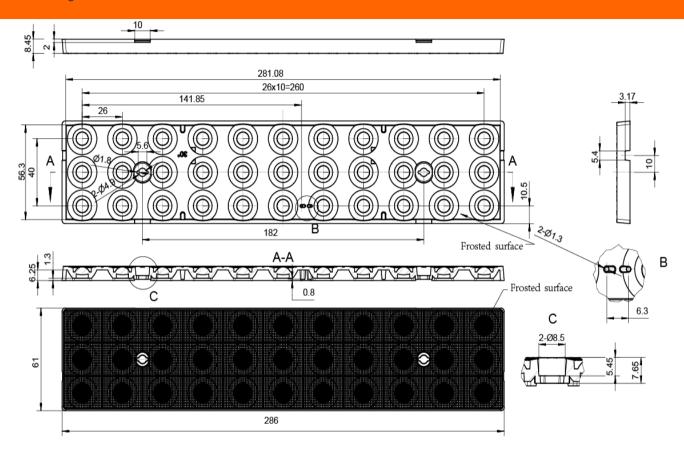
TEL: 0755-2937 1541 FAX: 0755-2907 5140 www.hkoptics.com Date updated:

| Product Picture: | |
|--------------------|----------------------------|
| PN: | HK-286@08-30-3030-22-1g-33 |
| Size(L*W*H/Φ*H): | <u>286mm*61mm*08mm</u> |
| Material: | PMMA |
| Effiency: | >80% |
| Temperature(Topr): | / |
| FWHM: | 30° |
| Matched LES: | 2835 |

2023/9/27





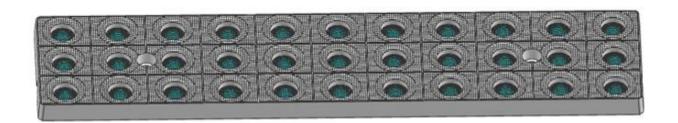


Technical Requirement:

- 1. The surface don't have any defects of flash, shrink and bubble.
- 2. The uncharted fillet and pattern draft subject to the 3D drawing.
- 3. The uncharted dimensional tolerance subject to the 3D drawing.

| Optical Design | | | HK-286@08-30-3 | 3030-22-1g-33 | 1. 01. 71082 |
|------------------|--|---------------------------|----------------|---------------|--------------|
| Structure Design | | HK-286@08-Mining lamp-30° | Pages | Qty | Weight |
| Assess | | | 2 | | |
| Authorized | | Material:PMMA | | CDHK | |

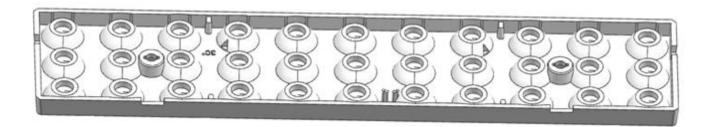




4

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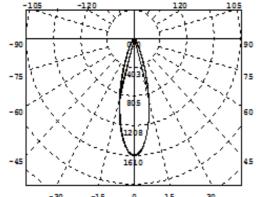
4

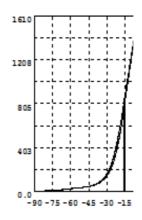






Intensity (unit:cd)





Intensity data: (deg , cd) C0-180

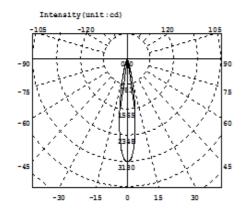
| A | I | Α | I | A | I | Α | I | A |
|-------|-------|-------|-------|-------|-------|------|-------|-----|
| -90.0 | 2.454 | -58.5 | 30.08 | -27.0 | 200.6 | 4.5 | 1521 | 36. |
| -88.5 | 3.029 | -57.0 | 31.87 | -25.5 | 235.1 | 6.0 | 1455 | 37. |
| -87.0 | 3.910 | -55.5 | 33.65 | -24.0 | 280.1 | 7.5 | 1370 | 39. |
| -85.5 | 5.070 | -54.0 | 35.29 | -22.5 | 337.6 | 9.0 | 1273 | 40. |
| -84.0 | 6.294 | -52.5 | 37.03 | -21.0 | 409.9 | 10.5 | 1175 | 42. |
| -82.5 | 7.430 | -51.0 | 38.84 | -19.5 | 489.0 | 12.0 | 1072 | 43. |
| -81.0 | 8.524 | -49.5 | 40.68 | -18.0 | 581.1 | 13.5 | 965.0 | 45. |
| -79.5 | 9.518 | -48.0 | 42.71 | -16.5 | 684.0 | 15.0 | 854.7 | 46. |
| -78.0 | 10.51 | -46.5 | 45.18 | -15.0 | 797.0 | 16.5 | 753.9 | 48. |
| -76.5 | 11.58 | -45.0 | 48.14 | -13.5 | 907.5 | 18.0 | 656.2 | 49. |
| -75.0 | 12.77 | -43.5 | 51.48 | -12.0 | 1017 | 19.5 | 563.1 | 51. |
| -73.5 | 14.01 | -42.0 | 55.58 | -10.5 | 1128 | 21.0 | 475.5 | 52. |
| -72.0 | 15.32 | -40.5 | 60.71 | -9.0 | 1239 | 22.5 | 402.2 | 54. |
| -70.5 | 16.84 | -39.0 | 67.02 | -7.5 | 1336 | 24.0 | 331.6 | 55. |
| -69.0 | 18.32 | -37.5 | 74.32 | -6.0 | 1421 | 25.5 | 277.9 | 57. |
| -67.5 | 19.75 | -36.0 | 83.18 | -4.5 | 1498 | 27.0 | 233.1 | 58. |
| -66.0 | 21.74 | -34.5 | 94.38 | -3.0 | 1558 | 28.5 | 198.2 | 60. |
| -64.5 | 24.32 | -33.0 | 108.3 | -1.5 | 1594 | 30.0 | 169.0 | 61. |
| -63.0 | 25.91 | -31.5 | 124.1 | 0.0 | 1607 | 31.5 | 144.2 | 63. |
| -61.5 | 27.14 | -30.0 | 144.1 | 1.5 | 1598 | 33.0 | 123.5 | 64. |
| -60.0 | 28.46 | -28.5 | 169.1 | 3.0 | 1568 | 34.5 | 107.7 | 66. |

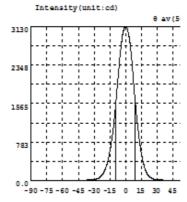
Electricity Parameter:

Current I: 0.1000A Power: 3.390W Voltage V: 29.70V PF: 0.000

Optical Parameter (Distance=2.559m):

 CO-180Plan





Intensity data: (deg , cd) C0-180

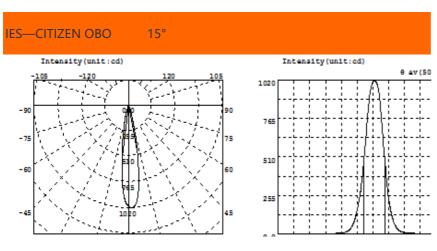
| Α | I | λ | I | A | I | A | I | A | I |
|-------|--------|-------|-------|-------|-------|------|-------|------|-------|
| -90.0 | 0.1128 | -58.5 | 6.971 | -27.0 | 44.65 | 4.5 | 2739 | 36.0 | 16.01 |
| -88.5 | 0.1021 | -57.0 | 7.734 | -25.5 | 58.14 | 6.0 | 2426 | 37.5 | 14.71 |
| -87.0 | 0.1695 | -55.5 | 8.540 | -24.0 | 79.99 | 7.5 | 2047 | 39.0 | 13.71 |
| -85.5 | 0.3171 | -54.0 | 9.313 | -22.5 | 116.3 | 9.0 | 1660 | 40.5 | 12.94 |
| -84.0 | 0.4758 | -52.5 | 10.18 | -21.0 | 170.0 | 10.5 | 1327 | 42.0 | 12.29 |
| -82.5 | 0.6681 | -51.0 | 10.95 | -19.5 | 234.6 | 12.0 | 1031 | 43.5 | 11.87 |
| -81.0 | 0.8147 | -49.5 | 11.59 | -18.0 | 322.7 | 13.5 | 775.8 | 45.0 | 11.53 |
| -79.5 | 1.006 | -48.0 | 11.96 | -16.5 | 439.3 | 15.0 | 566.2 | 46.5 | 11.23 |
| -78.0 | 1.142 | -46.5 | 12.25 | -15.0 | 593.4 | 16.5 | 413.8 | 48.0 | 11.00 |
| -76.5 | 1.315 | -45.0 | 12.60 | -13.5 | 777.2 | 18.0 | 282.8 | 49.5 | 10.63 |
| -75.0 | 1.575 | -43.5 | 12.79 | -12.0 | 1005 | 19.5 | 194.0 | 51.0 | 10.19 |
| -73.5 | 1.880 | -42.0 | 13.23 | -10.5 | 1290 | 21.0 | 130.0 | 52.5 | 9.619 |
| -72.0 | 2.145 | -40.5 | 13.75 | -9.0 | 1634 | 22.5 | 90.23 | 54.0 | 8.932 |
| -70.5 | 2.527 | -39.0 | 14.66 | -7.5 | 1990 | 24.0 | 64.91 | 55.5 | 8.222 |
| -69.0 | 2.948 | -37.5 | 15.83 | -6.0 | 2355 | 25.5 | 48.85 | 57.0 | 7.518 |
| -67.5 | 3.370 | -36.0 | 17.19 | -4.5 | 2681 | 27.0 | 38.00 | 58.5 | 6.896 |
| -66.0 | 3.839 | -34.5 | 18.96 | -3.0 | 2929 | 28.5 | 30.95 | 60.0 | 6.316 |
| -64.5 | 4.397 | -33.0 | 21.30 | -1.5 | 3070 | 30.0 | 25.81 | 61.5 | 5.708 |
| -63.0 | 4.968 | -31.5 | 24.27 | 0.0 | 3126 | 31.5 | 22.10 | 63.0 | 5.054 |
| -61.5 | 5.604 | -30.0 | 28.64 | 1.5 | 3095 | 33.0 | 19.40 | 64.5 | 4.504 |
| -60.0 | 6.299 | -28.5 | 35.09 | 3.0 | 2963 | 34.5 | 17.52 | 66.0 | 3.962 |

Electricity Parameter:

Current I: 0.1500A Power: 3.350W Voltage V: 33.50V PF: 0.000

Optical Parameter (Distance=2.410m):

CO-180Plane IO= 3126



-30 -15 0 15 30

Intensity data: (deg , cd) C0-180

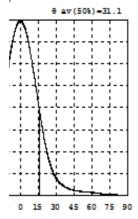
| A | I | A | I | A | I | A | I | A | I | |
|-------|--------|-------|-------|-------|-------|------|-------|------|-------|--|
| -90.0 | 0.0790 | -58.5 | 2.131 | -27.0 | 11.89 | 4.5 | 985.3 | 36.0 | 6.567 | |
| -88.5 | 0.1573 | -57.0 | 2.334 | -25.5 | 14.84 | 6.0 | 930.7 | 37.5 | 6.007 | |
| -87.0 | 0.1472 | -55.5 | 2.545 | -24.0 | 19.33 | 7.5 | 832.3 | 39.0 | 5.530 | |
| -85.5 | 0.1918 | -54.0 | 2.794 | -22.5 | 26.78 | 9.0 | 702.7 | 40.5 | 5.171 | |
| -84.0 | 0.1712 | -52.5 | 3.016 | -21.0 | 39.05 | 10.5 | 574.5 | 42.0 | 4.952 | |
| -82.5 | 0.2148 | -51.0 | 3.169 | -19.5 | 55.04 | 12.0 | 454.4 | 43.5 | 4.752 | |
| -81.0 | 0.3507 | -49.5 | 3.271 | -18.0 | 77.51 | 13.5 | 336.6 | 45.0 | 4.598 | |
| -79.5 | 0.4174 | -48.0 | 3.368 | -16.5 | 110.2 | 15.0 | 246.9 | 46.5 | 4.462 | |
| -78.0 | 0.4181 | -46.5 | 3.430 | -15.0 | 154.7 | 16.5 | 182.7 | 48.0 | 4.315 | |
| -76.5 | 0.4776 | -45.0 | 3.523 | -13.5 | 203.5 | 18.0 | 131.2 | 49.5 | 4.081 | |
| -75.0 | 0.6343 | -43.5 | 3.628 | -12.0 | 263.5 | 19.5 | 91.69 | 51.0 | 3.892 | |
| -73.5 | 0.7013 | -42.0 | 3.778 | -10.5 | 344.0 | 21.0 | 63.64 | 52.5 | 3.706 | |
| -72.0 | 0.7957 | -40.5 | 3.970 | -9.0 | 446.0 | 22.5 | 45.40 | 54.0 | 3.496 | |
| -70.5 | 0.8516 | -39.0 | 4.264 | -7.5 | 556.8 | 24.0 | 32.12 | 55.5 | 3.174 | |
| -69.0 | 1.043 | -37.5 | 4.624 | -6.0 | 681.1 | 25.5 | 23.05 | 57.0 | 2.884 | |
| -67.5 | 1.189 | -36.0 | 5.029 | -4.5 | 805.6 | 27.0 | 17.19 | 58.5 | 2.609 | |
| -66.0 | 1.247 | -34.5 | 5.536 | -3.0 | 909.8 | 28.5 | 13.56 | 60.0 | 2.380 | |
| -64.5 | 1.405 | -33.0 | 6.273 | -1.5 | 969.4 | 30.0 | 11.11 | 61.5 | 2.148 | |
| -63.0 | 1.577 | -31.5 | 7.160 | 0.0 | 1001 | 31.5 | 9.364 | 63.0 | 1.922 | |
| -61.5 | 1.791 | -30.0 | 8.222 | 1.5 | 1016 | 33.0 | 8.081 | 64.5 | 1.778 | |
| -60.0 | 1.916 | -28.5 | 9.767 | 3.0 | 1010 | 34.5 | 7.294 | 66.0 | 1.582 | |

Electricity Parameter:

Current I: 0.1500A Power: 0.8390W Voltage V: 8.399V PF: 0.000

Optical Parameter (Distance=2.410m):





| i. | I | A | I |
|----|-------|------|-------|
| .0 | 94.54 | 67.5 | 20.45 |
| .5 | 83.33 | 69.0 | 18.89 |
| .0 | 74.05 | 70.5 | 17.47 |
| .5 | 66.73 | 72.0 | 15.88 |
| .0 | 60.61 | 73.5 | 14.51 |
| .5 | 55.39 | 75.0 | 13.14 |
| .0 | 50.99 | 76.5 | 11.92 |
| .5 | 47.70 | 78.0 | 10.82 |
| .0 | 44.87 | 79.5 | 9.668 |
| .5 | 42.43 | 81.0 | 8.486 |
| .0 | 40.36 | 82.5 | 7.401 |
| .5 | 38.60 | 84.0 | 6.257 |
| .0 | 36.89 | 85.5 | 5.047 |
| .5 | 35.05 | 87.0 | 3.892 |
| .0 | 32.91 | 88.5 | 3.065 |
| .5 | 30.68 | 90.0 | 2.423 |
| .0 | 28.74 | | |
| .5 | 27.29 | | |
| .0 | 25.97 | | |
| .5 | 24.52 | | |
| .0 | 22.49 | | |

: Eff=197.41lm/W

i%): 19.9deg@(50%): 31.1deg

)): 19.9aeg ৫(১০৮): 31.1aeg

ne Imax= 1607cd(G=0.0deg)



ne IO= 1607cd

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| 6 | 0 | 75 | 9 | 0 |

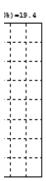
| A | I |
|------|--------|
| 67.5 | 3.481 |
| 69.0 | 3.070 |
| 70.5 | 2.634 |
| 72.0 | 2.258 |
| 73.5 | 1.959 |
| 75.0 | 1.683 |
| 76.5 | 1.426 |
| 78.0 | 1.247 |
| 79.5 | 1.091 |
| 81.0 | 0.8605 |
| 82.5 | 0.6583 |
| 84.0 | 0.4937 |
| 85.5 | 0.2690 |
| 87.0 | 0.2143 |
| 88.5 | 0.1015 |
| 90.0 | 0.1444 |
| | |
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331m/W

≥g @ (50%): 18.7deg ≥g @ (50%): 18.7deg 126cd (G=0.0deg)

6cd





| A | I |
|------|--------|
| 67.5 | 1.437 |
| 69.0 | 1.270 |
| 70.5 | 1.130 |
| 72.0 | 0.9716 |
| 73.5 | 0.8398 |
| 75.0 | 0.7278 |
| 76.5 | 0.6147 |
| 78.0 | 0.5337 |
| 79.5 | 0.4834 |
| 81.0 | 0.3416 |
| 82.5 | 0.3189 |
| 84.0 | 0.2256 |
| 85.5 | 0.1606 |
| 87.0 | 0.0853 |
| 88.5 | 0.1128 |
| 90.0 | 0.0033 |
| | |
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501m/W

g @ (50%): 19.4deg g @ (50%): 19.6deg 16cd (G=2.0deg)

cd



| | | Standard size | Upper Size limit | Lower size limit | Test result1 | Test result2 | Judgm | |
|--------|--|---------------|------------------|------------------|--------------|--------------|-------|--|
| | OL | 286 | 286.5 | 285.5 | 286.35 | 286.26 | OK | |
| 1.Size | OW | 61 | 61.2 | 60.7 | 60.73 | 60.94 | OK | |
| 1.0126 | D of locating | 1.3 | 1.35 | 1.1 | 1.11 | 1.3 | OK | |
| | S of locating | 6.3 | 6.35 | 6.25 | 6.35 | 6.32 | OK | |
| | Gate shear can not affect the appearance of the lamp | | | | | | | |

See attachment "Appearance Inspection Standards"

| 2.Appearance Quality | See attachment "Appearance Inspection Standards" | Е | No burr | No burr | No burr | No burr |
|-------------------------|--|---|-----------|-----------|-----------|-----------|
| | | | No stains | No stains | No stains | No stains |
| 3.Material | PMMA | | | Color | Tra | nsparent |

| | Testing | LED | 2835 | | | | | | |
|----------|----------|--------------------------|------------------------------|---------------|--|--|--|--|--|
| | FWHM | | See light distribution curve | | | | | | |
| 4.Optica | | Standard | Test result 1 | Test result 2 | | | | | |
| I index | Angle | 30° +4° | 30.6°X31.6° | 33.7°X32.5° | | | | | |
| | Effiency | >80% | 84. 50% | 85. 20% | | | | | |
| | Facula | See the signature sample | ` | | | | | | |

Comprehensive Qualified judgment

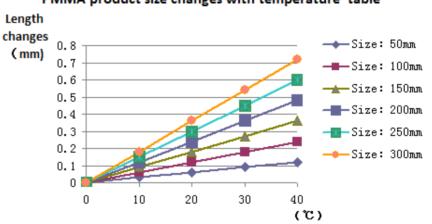
Remarks:

1、Tool Number: V-Vernier Caliper 2D-Quadratic H-Height Gauge M-Tool Microscope P-Needle T-Thick Gauge R-Radius Gauge E-Visual. 2、Test environment: In 20 ℃ -25 °C environment to achieve thermal equilibrium after the test. (Ambient temperature on

the size of the product refer to

the table on the right)

PMMA product size changes with temperature table



Precautions:

- 1. Wear clean gloves during lens assembly to prevent contamination of the lens surface.
- 2、Take the lens try to avoid touching the total reflection surface.
- 3、When the lens surface contamination, you can only gently wipe with soft cotton sticky neat neutral solvent, not allowed to with industrial solvents.



nent

OK

OK

OK OK

wipe



| Pl | N | HK-286@08-30-3030-22- | -1g-33 | Product Name | HK-286@08-Minin | g lan |
|---------------------|---|-----------------------|--|-----------------------|-----------------|-------|
| Product i | material | PMMA | | Customer | | |
| Package | diagram | 单个产品 | → PE級月装 | 15.68 M | | > |
| Droduot pooking | | 2 | Packet | 3/46:2/12 | Each layer | 5 |
| Product | packing | 162 | Floor/Carton | | , | |
| | Product packing 162 Floor/Carton NO. Material Code Item name Specification Single box usa | Single box usage | Unit | | | |
| | 1 | | PMMA Customer 2 Packet 3/46:2/12 Each layer 162 Floor/Carton erial Code Item name Specification Single box usage Blister box 81 06.0005 Box label paper 62mm*70mm 1 F06.0007 Middle plate 39cm*29cm 6 F | PCS | | |
| Product packing 2 | 1 | PCS | | | | |
| | 3 | 2.06.0007 | Middle plate | 39cm*29cm | 6 | PCS |
| | 4 | 2.06.0012 | Middle carton | 40cm*30cm*26 | em 1 | PCS |
| | | | | | | |
| Remarks | | Scatte | ered packaging is no | ot subject to this sp | | |

| П | Г | ۲ | ٧ | , |
|---|---|---|---|---|
| U | J | , | X | ١ |
| | | | | |

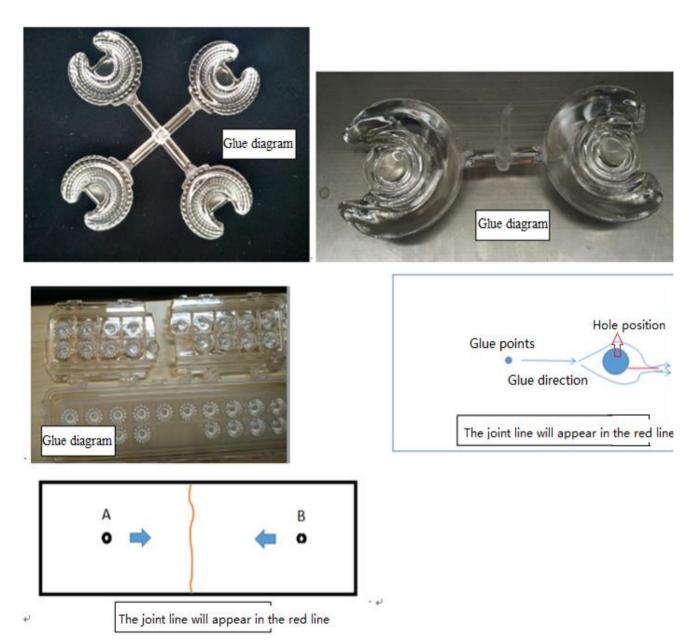
| ıp-30° | |
|--------|--|
| | |

The number of
Remarks



Special notice

When gule pass through holes, columns and other structures, or part of the thin structure, will form a weld line. The product which uses multi-point injection welding line will appear because of the combination of sol, as shown below:



Please note:

The appearance of lines in the structure of the product as well as at the screw hole is a normal phenomenon, will not affect the actual use of the product, and can not be avoided at this stage.





Appearance inspection standards

1 Operating procedures

1.1.1Sampling standards, sampling plan and AQL

Test level: GB/T2828.1-2012The first part is according to the acceptance quality limit (AQL) retrieval batch inspection sampling plan, general inspection level Π level, CR class defect coefficient 0, MA defect rejection level AQL = 0.65, MI class defect rejection level AQL = 1.0; defect level please see 5.4.

2 Code table

| Code | Code | Unit | Code | Code | Unit |
|------|-------------|------|------|-------------|------|
| | description | | | description | |
| N | Amount/pcs | pcs | D | Diameter | mm |
| L | Length | mm | H | Depth | mm |
| W | Width | mm | DS | Distance | mm |
| S | Proportion | mm² | SS | Offset | mm |

3 Test conditions

- 3.1 Sight distance and working hours: Sight distance should be 30-35cm, each side of the inspection time does not exceed 12s, the visual angle of 45-135 degrees;
- 3.2 Light: 2x40w cool white fluorescent lamp, chip should be from the lens surface 500-550mm, in order to make the bad appearance can be correctly found, the illumination should not be less than 500Lux;
 - 3.3 Visual inspection staff should be 1.0 (including corrected visual acuity) above, no color blindness, color weakness.

4 Appearance inspection standards

| Test items | ludging standard | Inspection equipment | Defect level | | |
|------------------|--|----------------------------------|--------------|----|----|
| reschenis | | Testing method | МІ | MA | CR |
| | • | | | | |
| Check the sample | 1: Qualified sample refers to the appearance and structure standard of the product which recognized by the client, the sample size should be confirmed before mass production; | Sample comparison , visual | | | √ |

| | _ | T | Ī | | |
|-------------------------------|---|------------------------------------|---|----------|----------|
| | 2: The limited sample refers to the limit of a particular exceptionally developed sample. Limit the sample only for its specific point of exception to confirm; The priority is higher than the other criteria in this table. When there is a limited sample, the limit sample shall prevail. | | | | |
| Raw edge | Not allowed to affect the size and assembly | Visual, point card | | √ | |
| Scratch | 1: Non-optical surface and non-exposed surface scratches should be visually insignificant and the length is less than 1/10 of the maximum surface size. | Visual, point card, calipers | | √ | |
| Fingerprint | Fingerprints are not allowed on all products | Visual | | √ | |
| Foreign things, impurities | The product may not be attached to foreign objects, including oil, fiber, dregs of water gap and so on | | | | √ |
| Deformation | Insufficient filling shall not affect the appearance of the assembly and the exposed surfaces. | Visual, feeler | | | √ |
| Poor ejection | Products may not appear bad ejection, including no convex top, thimble printed on the assembly surface shall not be higher than the product surface, non-assembled surface thimble height should not exceed the product size tolerances; thimble printing should be less than the product surface and no more than 0.3; thimble surface treatment should be consistent with the product side. Ejection strain: the optical surface and the appearance of the exposed surface after assembly are not allowed to have a strain, and the structural surface does not allow visual obvious strain. | Visual, point card | | ✓ | |
| Insufficient filling | Insufficient filling shall not affect the appearance of the assembly and the exposed surfaces, The signature sample shall prevail. | Visual, point card | | √ | |
| Shrink | When the entire surface of the product shrinks, the optical properties and dimensions must meet the requirements, and the visual will not significantly affect the appearance.Part shrink reference point defects | Visual, point card | | √ | |
| Flow marks、Welding line | Product does not allow the presence of flow marks and welding lines unless the structure can not be avoided; The remaining flow marks shall not appear in the optical surface, a single L ≤ 10mm, no more than two | Visual | | V | |

| Bubble | No bubbles are allowed | Visual | | √ | |
|------------------------------|--|-----------------------|----------|----------|---|
| Foreign matter、Dark spots | Not obvious or D ≤ 0.3mm black spots and foreign bodies in the area of 100x100mm not more than 1; Exceeded foreign matter black spots is judged bad. | Visual, point card | V | | |
| Damaged | No damage is allowed | Visual | | | √ |
| Cold glue | Optical surface may not have cold glue, non- optical surface cold glue should meet the visual is not obvious. | Visual | √ | | |
| | 1: Do not affect the product size, shall not penetrate the optical surface, the cut should be smooth; | | | | |
| Bad incision | 2: Laser cutting products, the optical surface burns shall not occur after the processing is completed. Beading must not affect product installation | Visual | | | √ |
| | 3: Three molds and hot runner gate shall not appear residue. | | | | |
| Scrub | Scrub surface should be uniform, off the scrub phenomenon should not be obvious, A single off scrub imprint requires D ≤ 1 mm and no more than 1 area within a 50x50 mm area | Visual | | √ | |