



# 深圳市中创智远科技有限公司

shenzhen zhong chuang zhi yuan licht co.,ltd

## ZCZY 模组规格



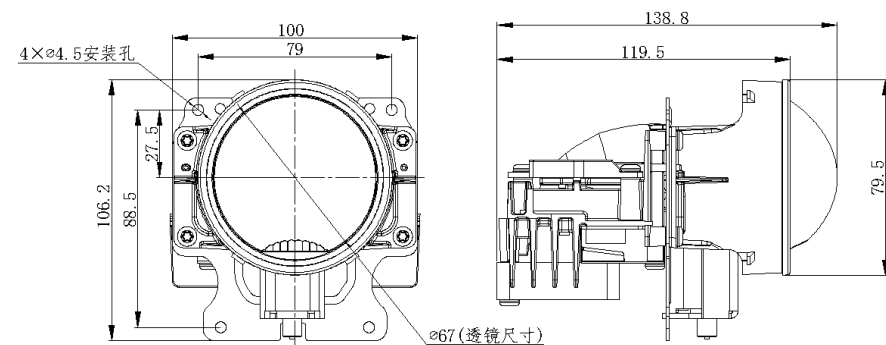
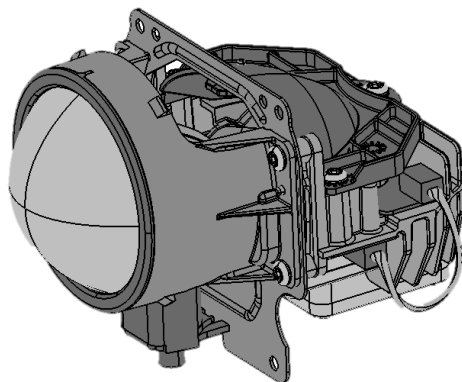
# 远近光模组



# 远近光模组(D70)

## LOWBEAM & HIGH BEAM

Model: ZCZY-MZ70-HLB01



文件名: ZCZY-MZ70-HLB01-OUT\_20180831V3.stp

## SINGLE CHIP LOW BEAM&HIGH BEAM

OSRAM LED

LED input: 1500lm, Output: 1120lm, > 60% optical efficiency

## CCC ECE & SAE COMPLIANT

Hor. spread angle:  $\pm 40^\circ$  Ver. spread angle:  $15^\circ$

E max is 90 lx @25m

## ACTIVE COOLING

$T_j = 143^\circ\text{C}$  @  $T_a = 85^\circ\text{C}$

Heatsink: ADC12

## ELECTRONIC PARAMETERS

DC Input: LOWBEAM: 26W/HIGHBEAM: 32W

Led Output: 21W@1.3A

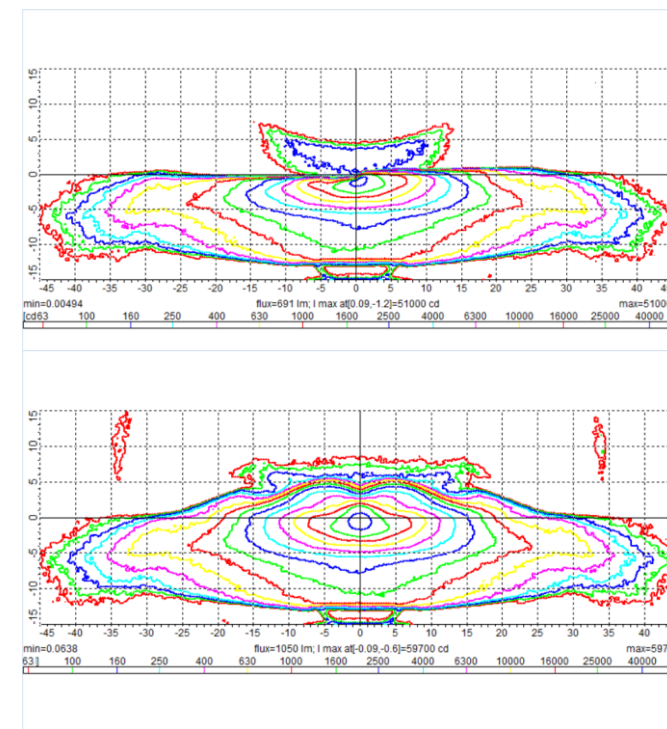
## LENS SIZE

Circular: D70



**MODULE SIZE** L 138, W 100, H 106

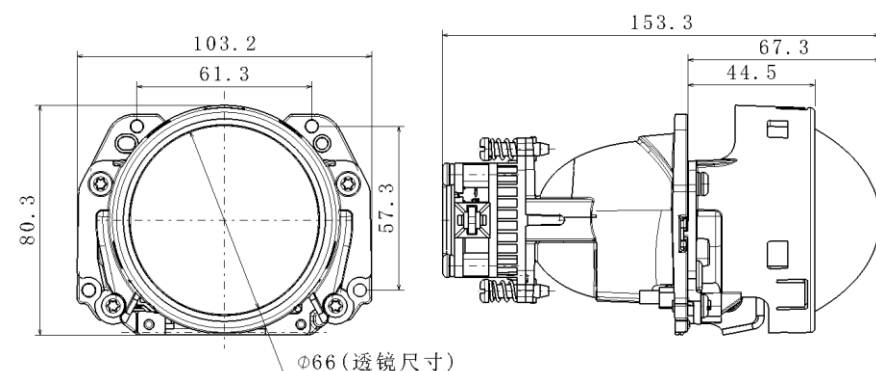
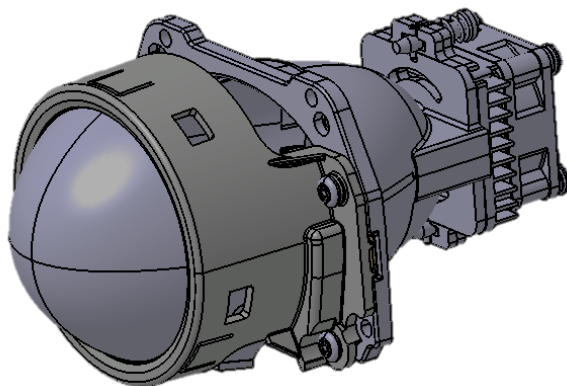
**WEIGHT** 550g



# 远近光模组(D70)

## LOWBEAM & HIGH BEAM

Model: ZCZY-MZ70-HLB02



文件名: ZCZY-MZ70-HLB02-OUT\_20181108V1.stp

## SINGLE CHIP LOW BEAM&HIGH BEAM

**OSRAM** LED

LED input: **2100lm**, Output: **1260lm**, > **60%** optical efficiency

## CCC ECE & SAE COMPLIANT

Hor. spread angle:  $\pm 40^\circ$  Ver. spread angle: **15°**

E max is 145 lx @25m

## ACTIVE COOLING

$T_j = 144^\circ\text{C}$  @  $T_a = 85^\circ\text{C}$

Heatsink: AL6063

## ELECTRONIC PARAMETERS

DC Input: LOWBEAM: 32W/ HIGHBEAM: 38W

Led Output: LOWBEAM 15W@1.2A

HIGHBEAM 26.5W@1.2A

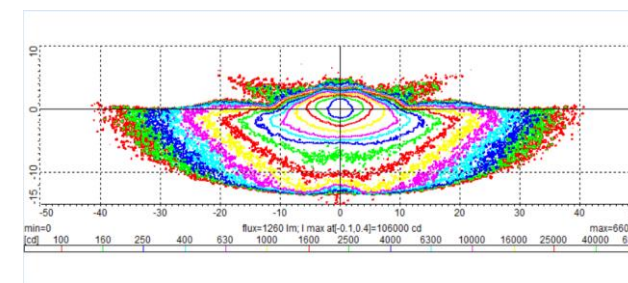
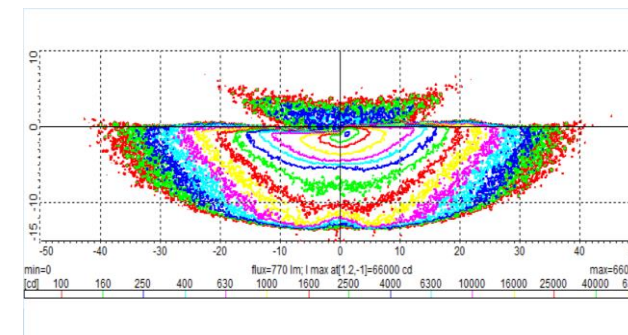
## LENS SIZE

Circular: **D70**



**MODULE SIZE** L 153, W 103, H 80

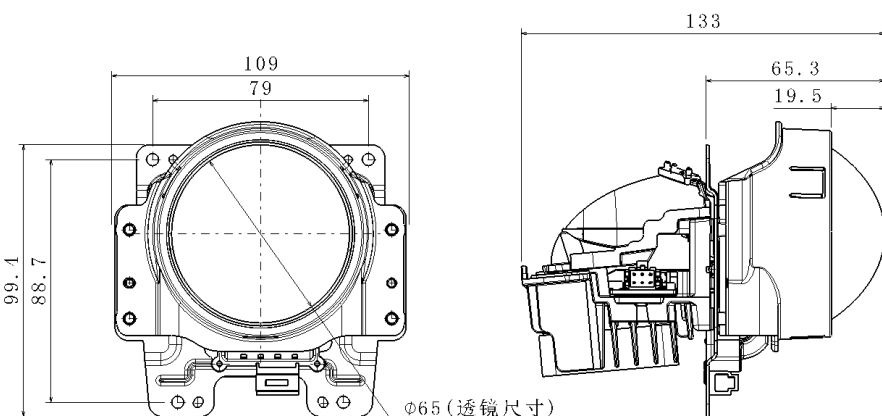
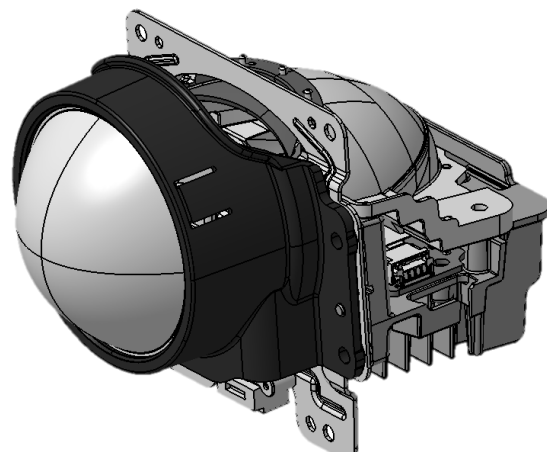
**WEIGHT** 550g



# 远近光模组(D70)

## LOWBEAM & HIGH BEAM

Model: ZCZY-MZ70-HLB03



文件名: ZCZY-MZ70-HLB03-OUT\_20181127V0.stp

## SINGLE CHIP LOW BEAM&HIGH BEAM

**OSRAM** LED

LED input: **1700lm**, Output: **1390lm**, > **75%** optical efficiency

## CCC ECE & SAE COMPLIANT

Hor. spread angle: **±40°** Ver. spread angle: **15°**

E max is 124 lx @25m

## ACTIVE COOLING

$T_j = 147^{\circ}\text{C}$  @  $T_a = 80^{\circ}\text{C}$

Heatsink: ADC12

## ELECTRONIC PARAMETERS

DC Input: LOWBEAM: 28W/HIGHBEAM: 34W

Led Output: 25W@1.5A

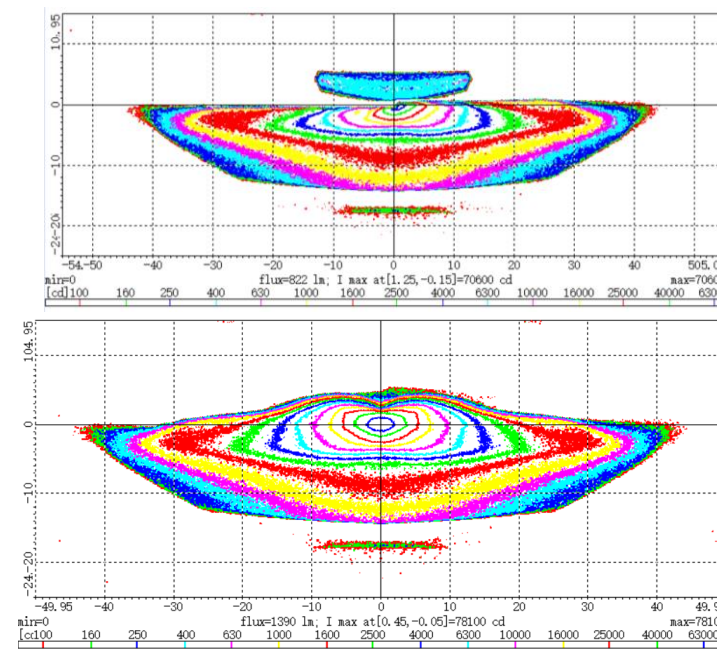
## LENS SIZE

Rectangular: **D70**



**MODULE SIZE** L 133, W 109, H 100

**WEIGHT** 510g

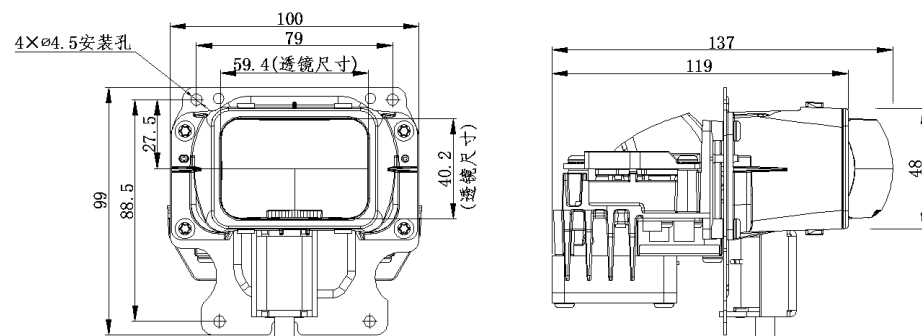
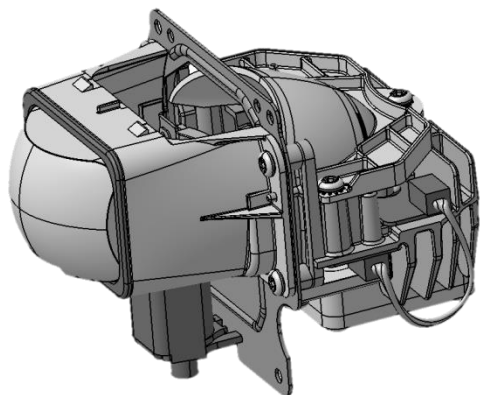




# 远近光模组(40\*60)

## LOWBEAM & HIGH BEAM

Model: ZCZY-MZ4060-HLB01



文件名: ZCZY-MZ4060-HLB01-out\_20180908V1.stp

## SINGLE CHIP LOW BEAM&HIGH BEAM

**OSRAM** LED

LED input: **1500lm**, Output: **1120lm**, > **60%** optical efficiency

## CCC ECE & SAE COMPLIANT

Hor. spread angle: **±40°** Ver. spread angle: **15°**

E max is 90 lx @25m

## ACTIVE COOLING

$T_j = 143^{\circ}\text{C}$  @  $T_a = 85^{\circ}\text{C}$

Heatsink: ADC12

## ELECTRONIC PARAMETERS

DC Input: LOWBEAM: 26W/HIGHBEAM: 32W

Led Output: 21W@1.3A

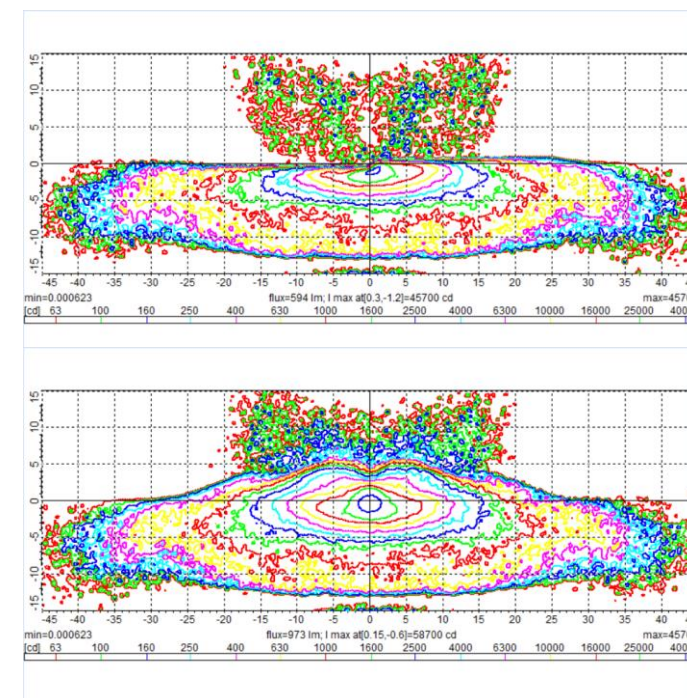
## LENS SIZE

Rectangular: **40\*60**



**MODULE SIZE** L 137, W 100, H 106

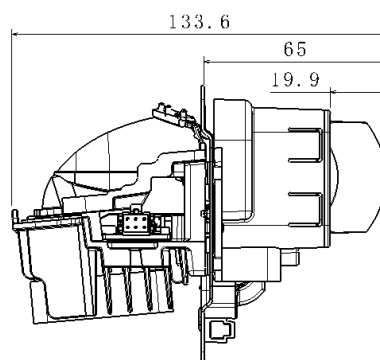
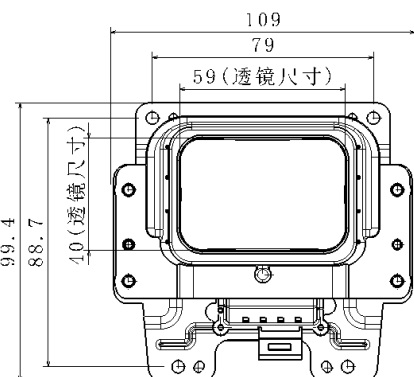
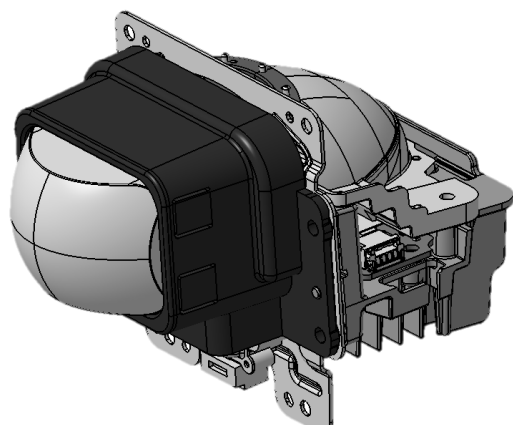
**WEIGHT** 540g



# 远近光模组(40\*60)

## LOWBEAM & HIGH BEAM

Model: ZCZY-MZ4060-HLB02



## SINGLE CHIP LOW BEAM&HIGH BEAM

**OSRAM** LED

LED input: **1700lm**, Output: **1390lm**, > **75%** optical efficiency

## CCC ECE & SAE COMPLIANT

Hor. spread angle: **±40°** Ver. spread angle: **15°**

E max is 124 lx @25m

## ACTIVE COOLING

$T_j = 147^{\circ}\text{C}$  @  $T_a = 80^{\circ}\text{C}$

Heatsink: ADC12

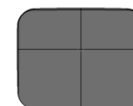
## ELECTRONIC PARAMETERS

DC Input: LOWBEAM: 28W/HIGHBEAM: 34W

Led Output: 25W@1.5A

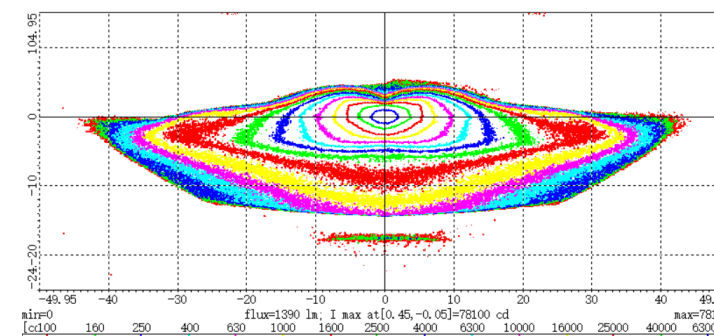
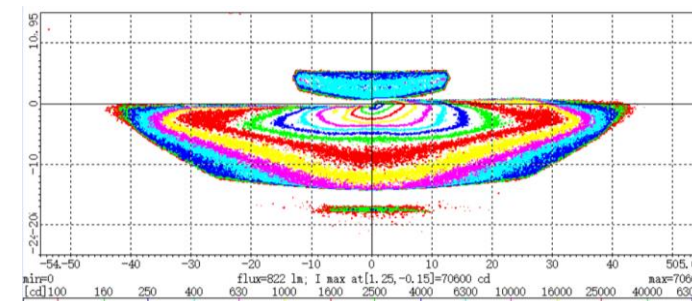
## LENS SIZE

Rectangular: **40\*60**



**MODULE SIZE** L 133, W 109, H 100

**WEIGHT** 500g

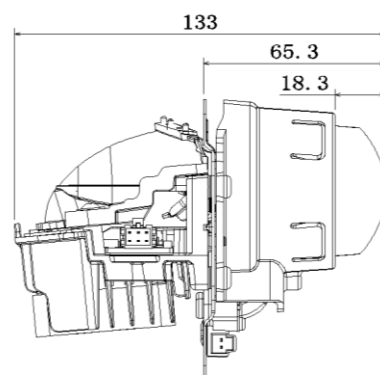
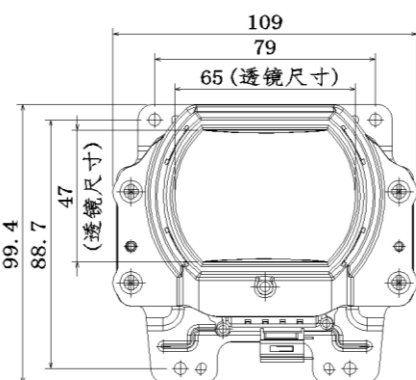
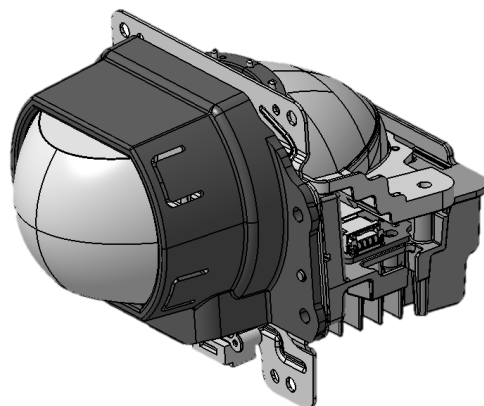


文件名: ZCZY-MZ4060-HLB02-20181102V0.stp

# 远近光模组(45\*65)

## LOWBEAM & HIGH BEAM

Model: ZCZY-MZ4565-HLB01



## SINGLE CHIP LOW BEAM&HIGH BEAM

**OSRAM** LED

LED input: **1700lm**, Output: **1390lm**, > **75%** optical efficiency

## CCC ECE & SAE COMPLIANT

Hor. spread angle: **±40°** Ver. spread angle: **15°**

E max is 124 lx @25m

## ACTIVE COOLING

$T_j = 147^\circ\text{C}$  @  $T_a = 80^\circ\text{C}$

Heatsink: ADC12

## ELECTRONIC PARAMETERS

DC Input: LOWBEAM: 28W/HIGHBEAM: 34W

Led Output: 25W@1.5A

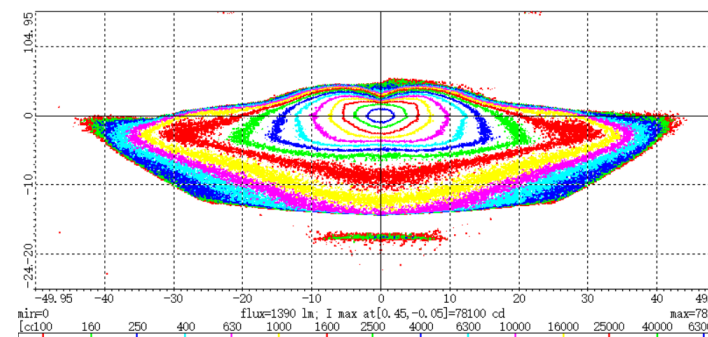
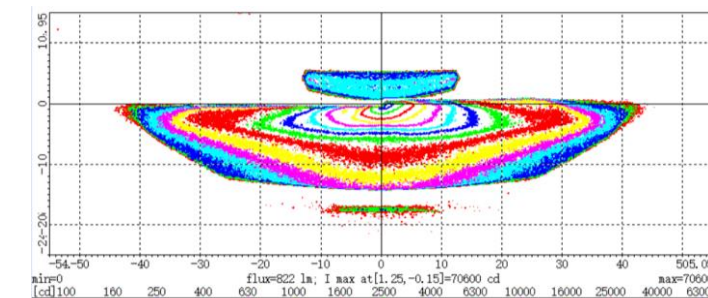
## LENS SIZE

Rectangular: **45\*65**



**MODULE SIZE** L 133, W 109, H 100

**WEIGHT** 500g



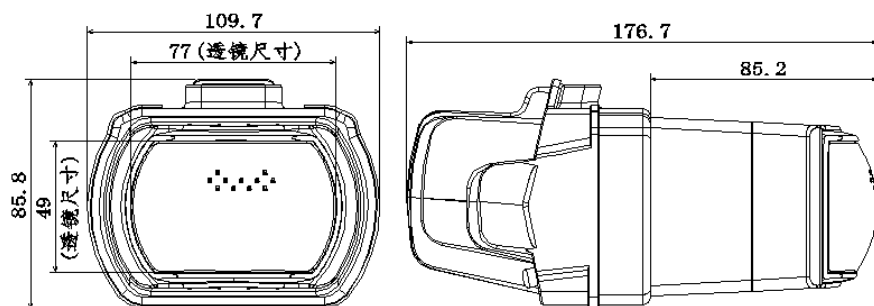
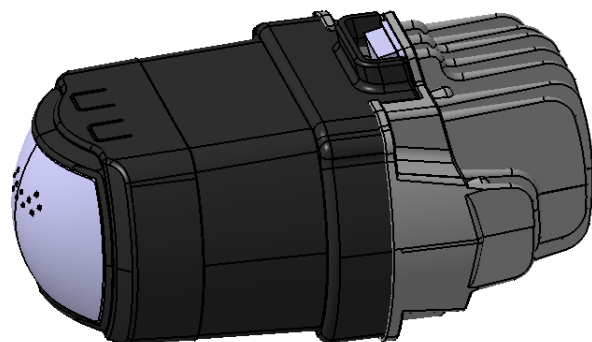
文件名: ZCZY-MZ4565-HLB01-20180918V0.stp



# 远近光模组(50\*80)

## LOWBEAM & HIGH BEAM

Model: ZCZY-MZ5080-HLB01



## SINGLE CHIP LOW BEAM&HIGH BEAM

**OSRAM** LED

LED input: **2400lm**, Output: **1270lm**, > **53%** optical efficiency

## CCC ECE & SAE COMPLIANT

Hor. spread angle: **±40°** Ver. spread angle: **15°**

E max is 90 lx @25m

## ACTIVE COOLING

$T_j = 147^{\circ}\text{C}$  @  $T_a = 80^{\circ}\text{C}$

Heatsink: ADC12

## ELECTRONIC PARAMETERS

DC Input: LOWBEAM: 22W/HIGHBEAM: 30W

Led Output: LOWBEAM: 18W /HIGHBEAM: 25W

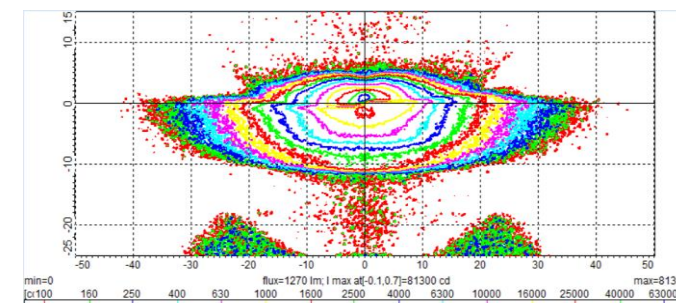
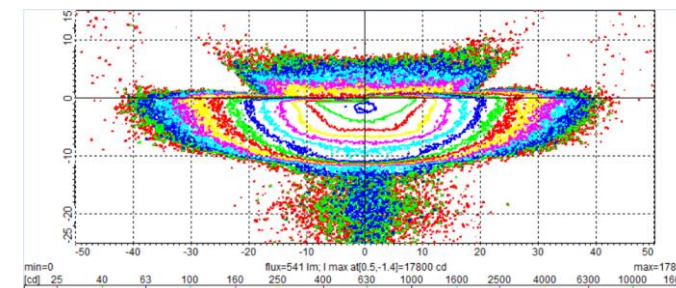
## LENS SIZE

Rectangular: **50\*80**



**MODULE SIZE** L 177, W 110, H 86

**WEIGHT** 480g



文件名: ZCZY-MZ5080-HLB01-20190225V0.stp

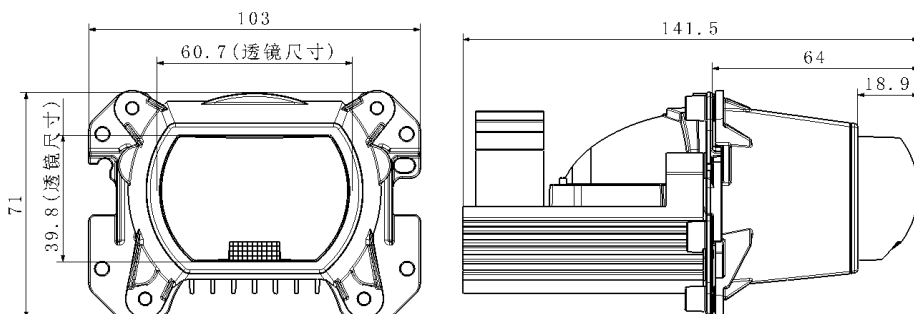
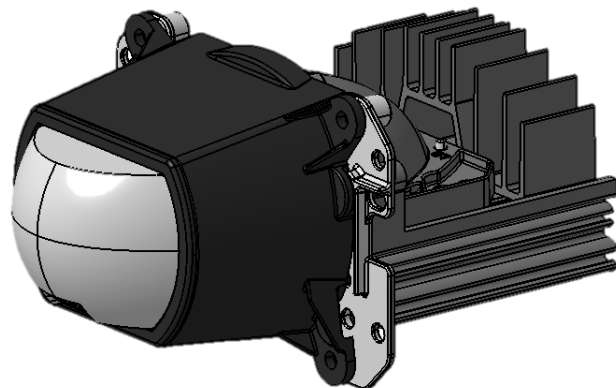
# 近光模组



# 近光模组(40\*60)

## LOW BEAM

Model: ZCZY-MZ4060-LB01



## SINGLE CHIP LOW BEAM

**OSRAM** LED

LED input: **1200lm**, Output: **660lm**, > **50%** optical efficiency

## CCC ECE & SAE COMPLIANT

Hor. spread angle: **±40°** Ver. spread angle: **15°**

## PASSIVE COOLING

$T_j = 145^{\circ}\text{C}$  @  $T_a = 85^{\circ}\text{C}$

Heatsink: AL6063

## ELECTRONIC PARAMETERS

DC Input: 18W

Led Output: 15W@1.2A

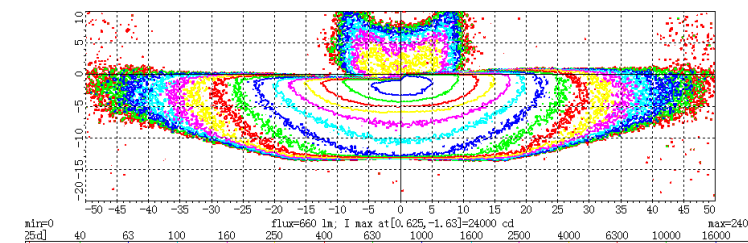
## LENS SIZE

Rectangular: **40 x 60**



**MODULE SIZE** L 142, W 103, H 71

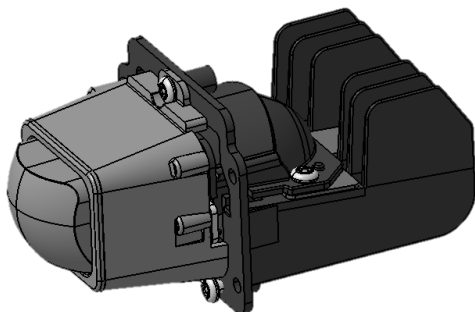
**WEIGHT** 300g



# 近光模组(30\*40)

## LOW BEAM

Model: ZCZY-MZ3040-LB01



## SINGLE CHIP LOW BEAM

**OSRAM** LED

LED input: **900lm**, Output: **470lm**, > **50%** optical efficiency

## CCC ECE & SAE COMPLIANT

Hor. spread angle: **±35°** Ver. spread angle: **15°**

## PASSIVE COOLING

$T_j = 142^{\circ}\text{C}$  @  $T_a = 85^{\circ}\text{C}$

Heatsink: ADC12

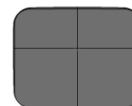
## ELECTRONIC PARAMETERS

DC Input: 15W

Led Output: 11.5W@1.2A

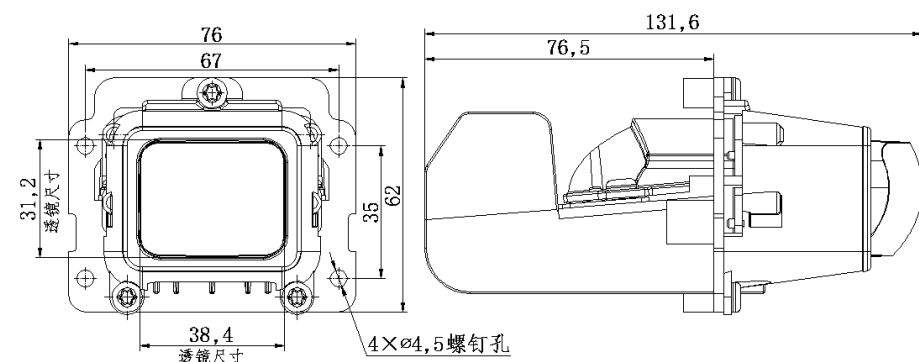
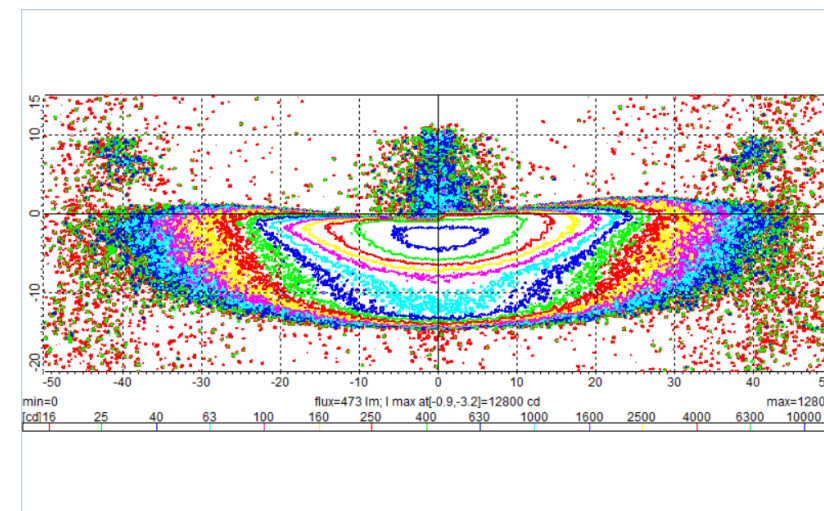
## LENS SIZE

Rectangular: **30 x 40**



**MODULE SIZE** L 132, W 76, H 62

**WEIGHT** 240g

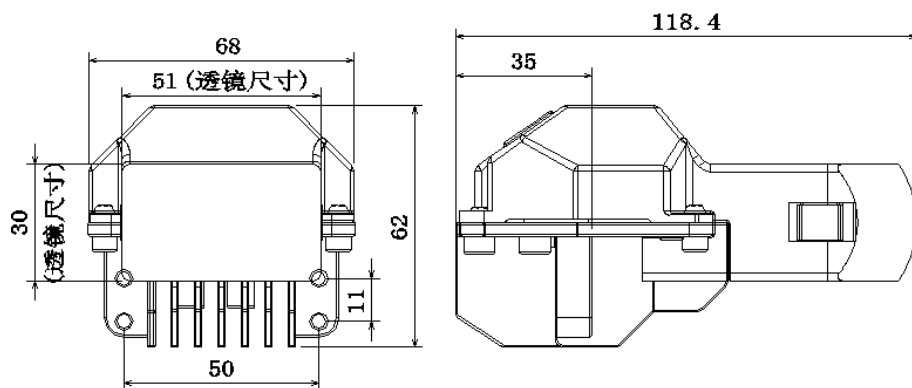
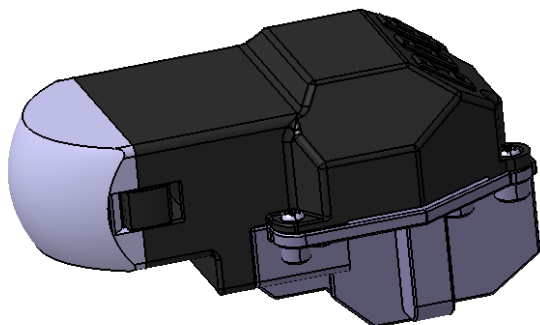


文件名: ZCZY-MZ3040-LB01-out-20181213V0.stp

# 近光模组(30\*50)

## LOW BEAM

Model: ZCZY-MZ3050-LB01



## SINGLE CHIP LOW BEAM

**OSRAM** LED

LED input: **1000lm**, Output: **420lm**, > **40%** optical efficiency

## CCC ECE & SAE COMPLIANT

Hor. spread angle: **±40°** Ver. spread angle: **15°**

## PASSIVE COOLING

$T_j = 140^{\circ}\text{C}$  @  $T_a = 85^{\circ}\text{C}$

Heatsink: ADC12

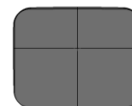
## ELECTRONIC PARAMETERS

DC Input: 18W

Led Output: 15W@1.2A

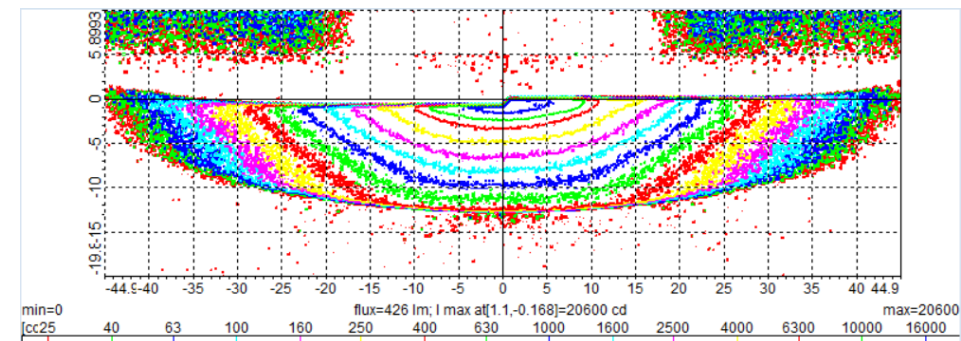
## LENS SIZE

Rectangular: **30 x 50**



**MODULE SIZE** L 119, W 68, H 62

**WEIGHT** 230g



文件名: ZCZY-MZ3050-LB01 -out-20190225V0.stp



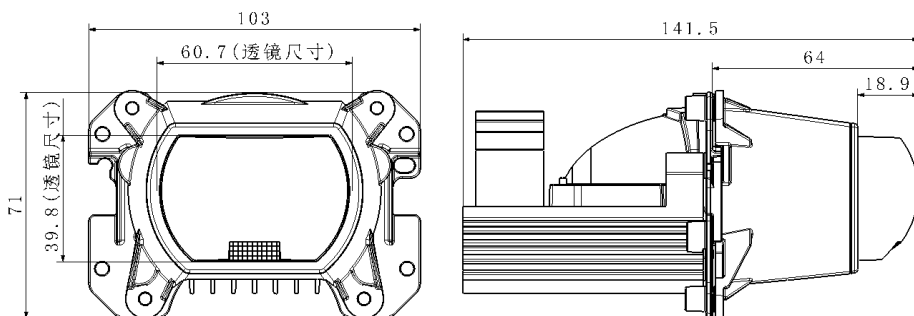
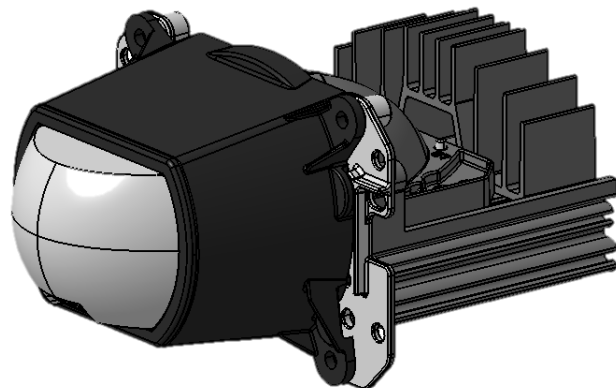
# 远光模组



# 远光模组(40\*60)

## HIGH BEAM

Model: ZCZY-MZ4060-HB01



## SINGLE CHIP HIGH BEAM

**OSRAM** LED

LED input: **1200lm**, Output: **620lm**, > **50%** optical efficiency

## CCC ECE & SAE COMPLIANT

E max is 130lx @25m

## PASSIVE COOLING

$T_j = 145^{\circ}\text{C}$  @  $T_a = 85^{\circ}\text{C}$

Heatsink: AL6063

## ELECTRONIC PARAMETERS

DC Input: 18W

Led Output: 15W@1.2A

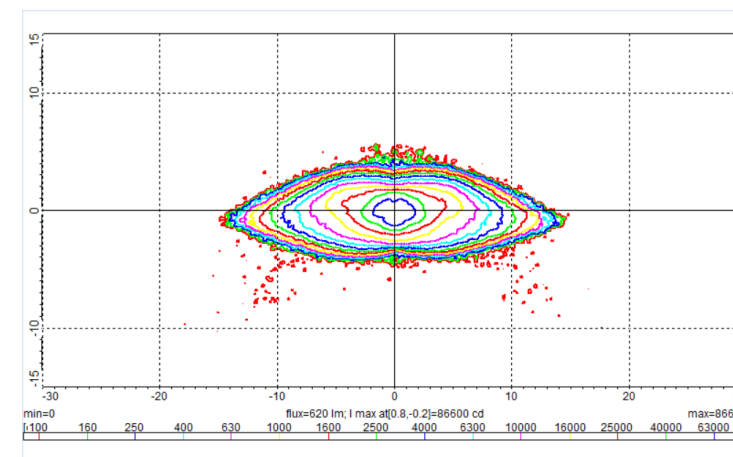
## LENS SIZE

Rectangular: **40 x 60**



**MODULE SIZE** L 142, W 103, H 71

**WEIGHT** 300g

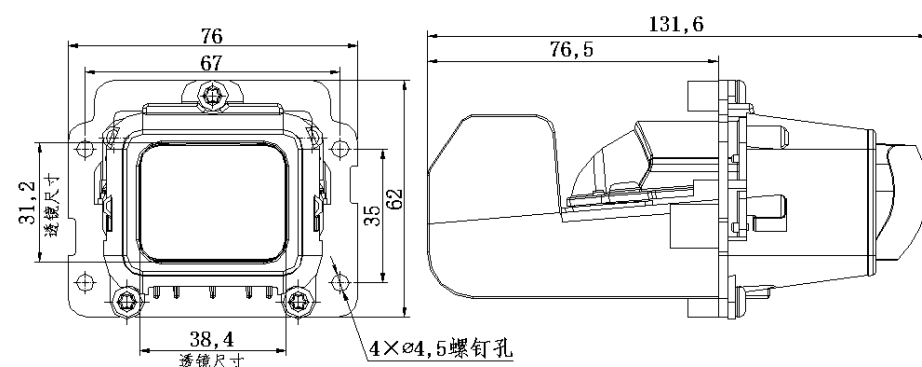
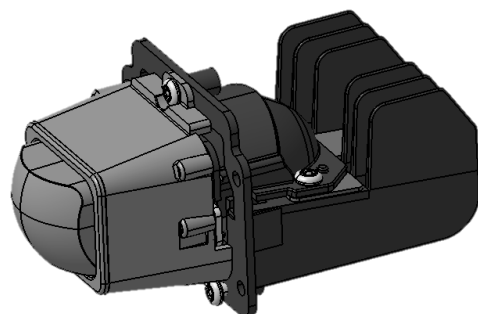


文件名: ZCZY-MZ4060-HB01-HIGHBEAM-20180822V2.stp

# 远光模组(30\*40)

## HIGH BEAM

Model: ZCZY-MZ3040-HB01



## SINGLE CHIP HIGH BEAM

**OSRAM** LED

LED input: **900lm**, Output: **540lm**, > **60%** optical efficiency

## CCC ECE & SAE COMPLIANT

E max is 90lx @25m

## PASSIVE COOLING

$T_j = 142^{\circ}\text{C}$  @  $T_a = 85^{\circ}\text{C}$

Heatsink: ADC12

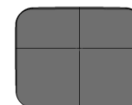
## ELECTRONIC PARAMETERS

DC Input: 15W

Led Output: 11.5W@1.2A

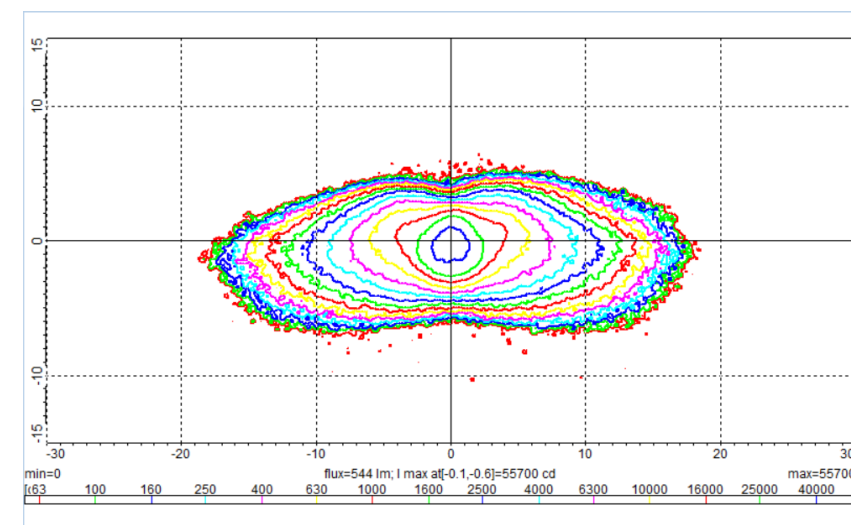
## LENS SIZE

Rectangular: **30 x 40**



**MODULE SIZE** L 132, W 76, H 62

**WEIGHT** 240g

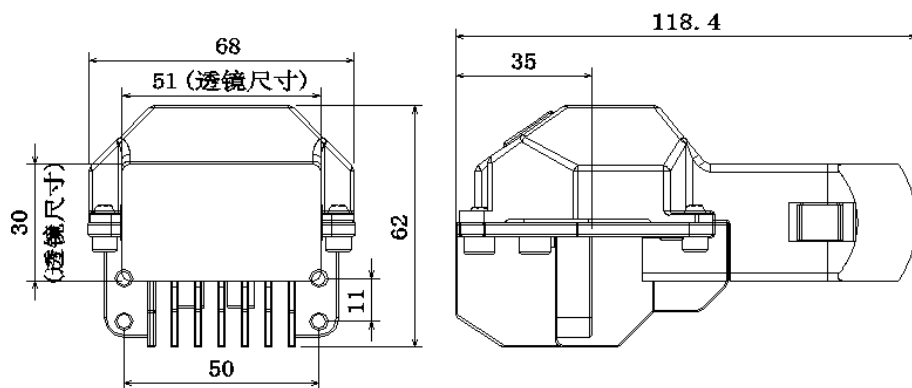
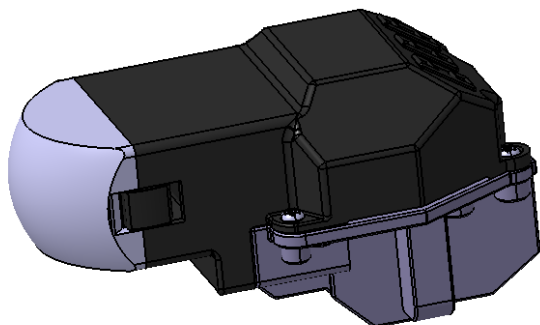


文件名: ZCZY-MZ3040-HB01-out-20181213V0.stp

# 远光模组(30\*50)

## HIGH BEAM

Model: ZCZY-MZ3050-HB01



## SINGLE CHIP LOW BEAM

**OSRAM** LED

LED input: **1000lm**, Output: **540lm**, > **50%** optical efficiency

## CCC ECE & SAE COMPLIANT

E max is 88lx @25m

## PASSIVE COOLING

$T_j = 140^{\circ}\text{C}$  @  $T_a = 85^{\circ}\text{C}$

Heatsink: ADC12

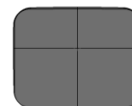
## ELECTRONIC PARAMETERS

DC Input: 18W

Led Output: 15W@1.2A

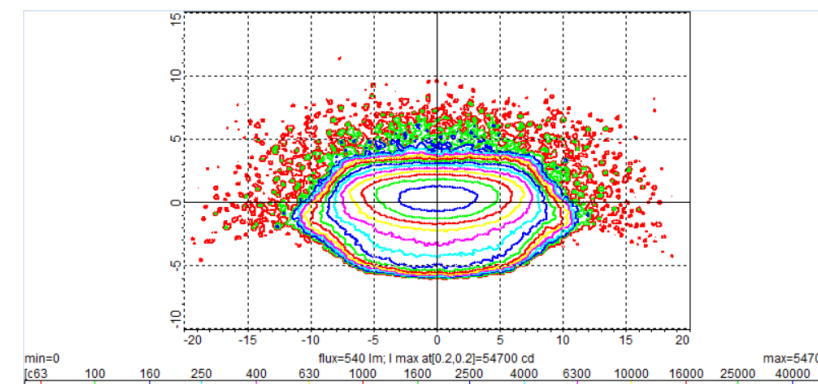
## LENS SIZE

Rectangular: **30 x 50**



**MODULE SIZE** L 119, W 68, H 62

**WEIGHT** 230g



文件名: ZCZY-MZ3050-HB01 -out-20190225V0.stp

# 其他模组

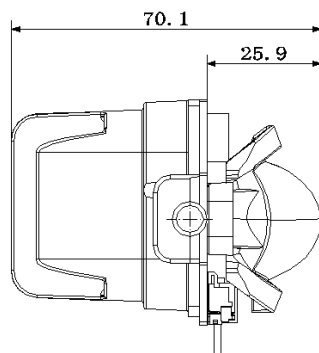
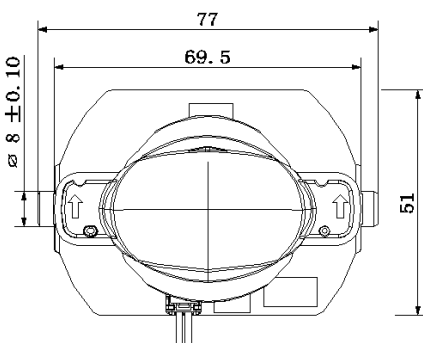
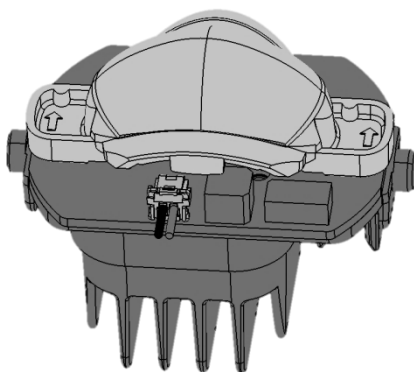




# 雾灯模组(模组整体调角度)

## FOG LAMP

Model: ZCZY-MZ-FOG01



## SINGLE CHIP FOG LAMP

OSRAM LED

LED input: 500lm, Output: 280lm, > 50% optical efficiency

## CCC ECE & SAE COMPLIANT

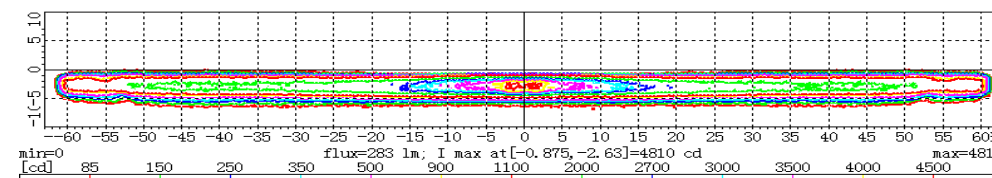
Hor. spread angle:  $\pm 63^\circ$  Ver. spread angle:  $10^\circ$

## PASSIVE COOLING

$T_j = 141^\circ\text{C}$  @  $T_a = 85^\circ\text{C}$

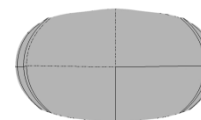
Heatsink: ADC12/石墨烯

Input current:  $I = 1\text{A}$



## LENS SIZE

Rectangular: 46\*28



## MODULE SIZE

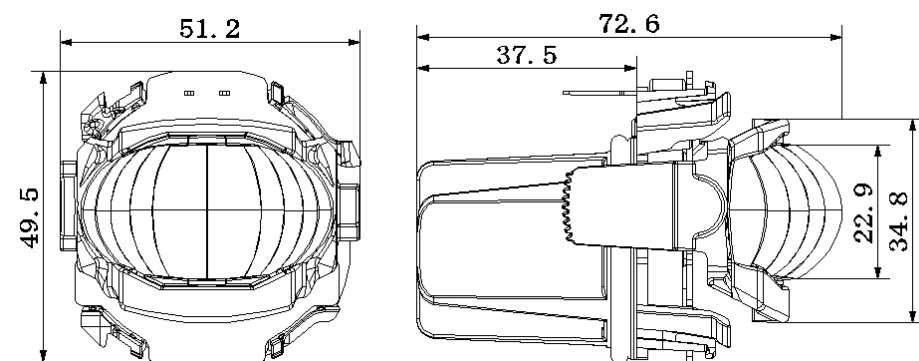
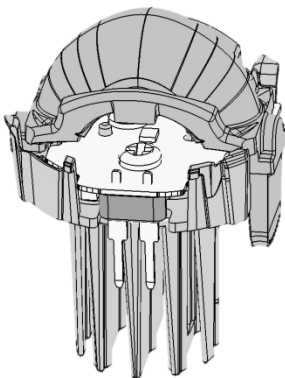
L 71, W 77, H 51

文件名: ZCZY-MZ-FOG01\_20190109V0.stp

# 雾灯模组(透镜可调角度)

## FOG LAMP

Model: ZCZY-MZ-FOG02



文件名: ZCZY-MZ-FOG02\_20190109V0.stp

## SINGLE CHIP FOG LAMP

OSRAM LED

LED input: 500lm, Output: 280lm, > 50% optical efficiency

## CCC ECE & SAE COMPLIANT

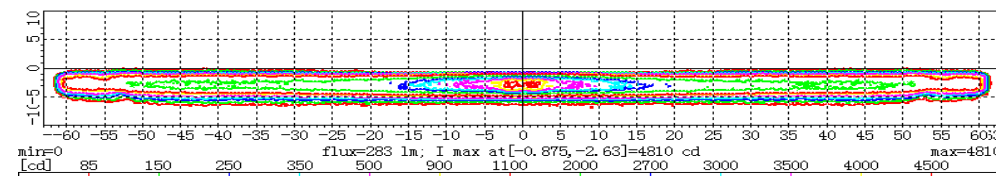
Hor. spread angle:  $\pm 63^\circ$  Ver. spread angle:  $10^\circ$

## PASSIVE COOLING

$T_j = 138^\circ\text{C}$  @  $T_a = 70^\circ\text{C}$

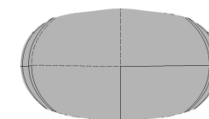
Heatsink: ADC12

Input current:  $I = 1\text{A}$



## LENS SIZE

Rectangular: 46\*28



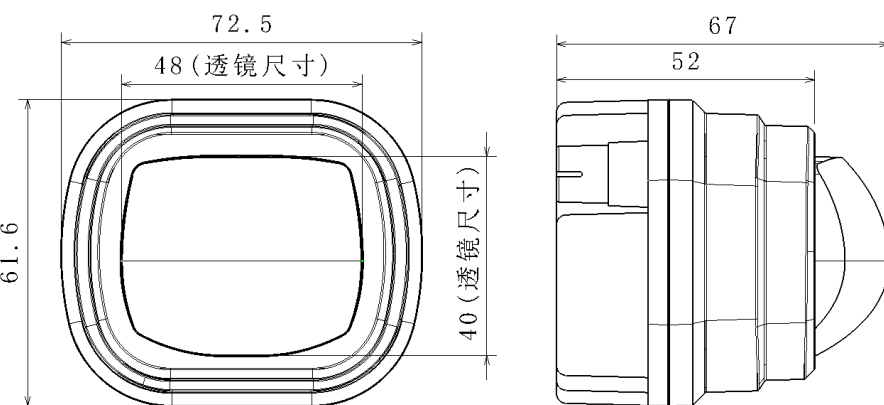
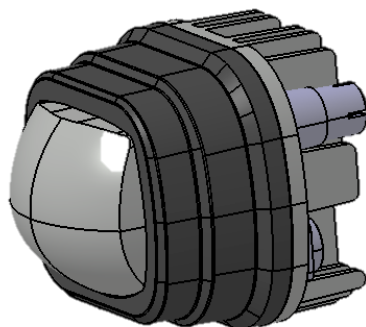
## MODULE SIZE

L 73, W 52, H 50

# 摩托车近光模组(48\*40)

## LOWBEAM

Model: ZCZY-MZ4050-LB01



文件名: ZCZY-MZ4050-LB01-OUT\_20171113V0.stp

## SINGLE CHIP LOW BEAM

OSRAM LED

LED input: 600lm, Output: 247lm, > 40% optical efficiency

## CCC ECE & SAE COMPLIANT

Hor. spread angle:  $\pm 20^\circ$  Ver. spread angle:  $15^\circ$

## PASSIVE COOLING

$T_j = 145^\circ\text{C}$  @  $T_a = 85^\circ\text{C}$

Heatsink: ADC12/AL6063

Input current:  $I = 1.2\text{A}$

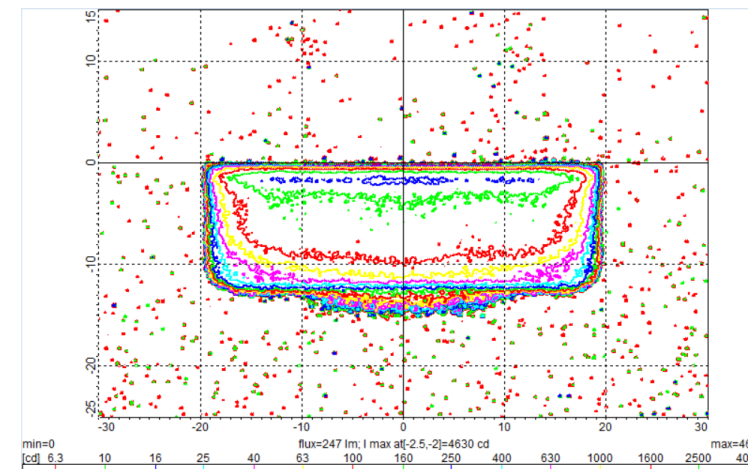
## LENS SIZE

Rectangular: 48 x 40



## MODULE SIZE

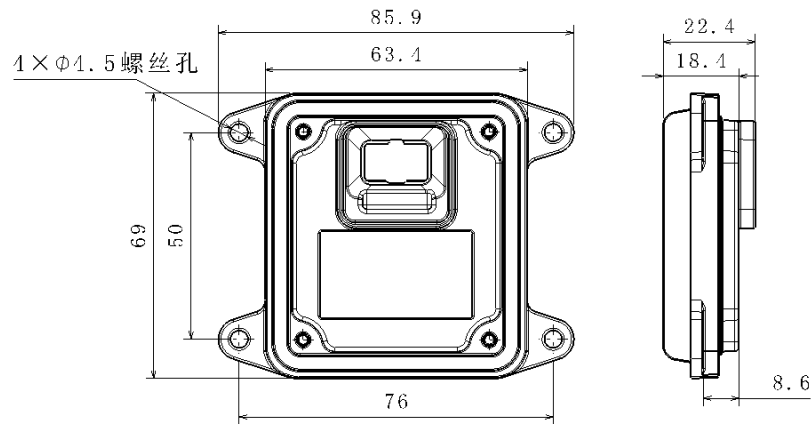
L 67, W 72.5, H 61.6



# LED车灯驱动电源(单路)

## SINGLE DRIVER

Model: ZCZY-QD-1001



## PRODUCT APPLICATION

LOW BEAM, HIGH BEAM, DRL, PL

## INPUT PARAMETER

INPUT VOLTAGE : 9V-16V DC

INPUT CURRENT: 2A@13.5V,5CHIP LED

## OUTPUT PARAMETER

OUTPUT VOLTAGE : 9V-18V DC,3-6CHIP LED

OUTPUT CURRENT: 1.2A(Typical)

## TEMPERATURE CHARACTERISTIC

OPERATING TEMPERATURE : -40-80 °C

STORAGE TEMPERATURE: -40-105 °C

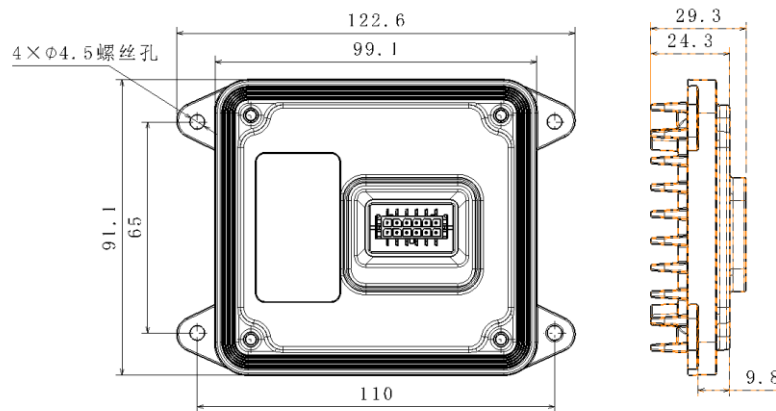
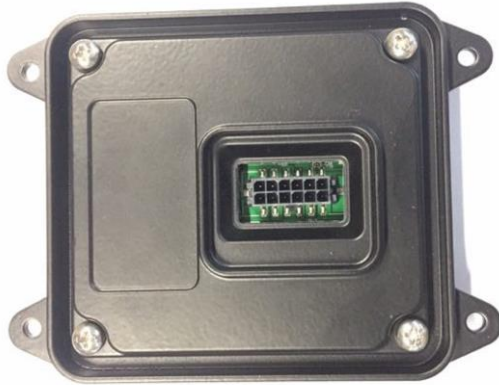
## EMC

PASS CISPR 25:2008 CLASS 4

# LED车灯驱动电源(双路)

## DUAL DRIVER

Model: ZCZY-QD-2001



## PRODUCT APPLICATION

LOW BEAM & HIGH BEAM

## INPUT PARAMETER

INPUT VOLTAGE : 9V-16V DC

INPUT CURRENT: 3.2A@13.5V, 2X4CHIP LED

## OUTPUT PARAMETER

OUTPUT VOLTAGE : 9V-5V DC, 2X3-5CHIP LED

OUTPUT CURRENT: 1.2A (Typical)

## TEMPERATURE CHARACTERISTIC

OPERATING TEMPERATURE : -40-80 °C

STORAGE TEMPERATURE: -40-105 °C

## EMC

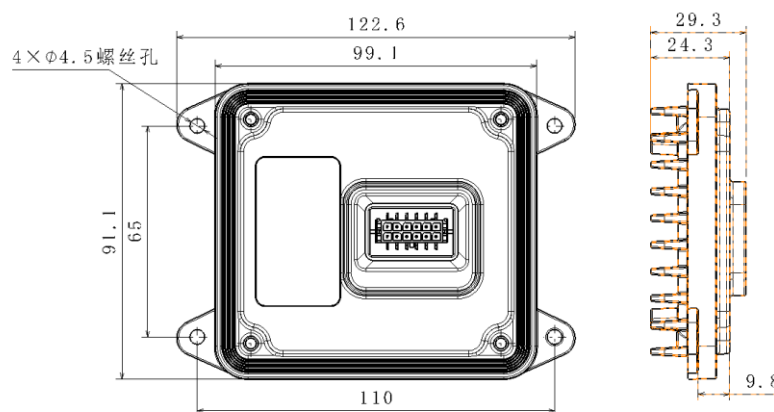
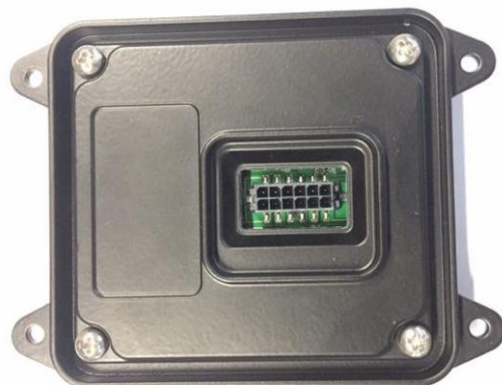
PASS CISPR 25:2008 CLASS 4



# LED车灯驱动电源(头灯总成)

## HEADLIGHTS DRIVER

Model: ZCZY-QD-3001



## PRODUCT APPLICATION

COMBINATION LOW BEAM HIGH BEAM DRL PL

## INPUT PARAMETER

INPUT VOLTAGE : 9V-16V DC

INPUT CURRENT: 3.6A@13.5V, 2X4CHIP LED, 9PCS LED@DRL

## OUTPUT PARAMETER

OUTPUT VOLTAGE : 9V-30V DC, 3-6CHIP LED

OUTPUT CURRENT: 1.2A LOW /HIGHT BEAM(Typical), 0.35A@DRL (Typical)

## TEMPERATURE CHARACTERISTIC

OPERATING TEMPERATURE : -40-80 °C

STORAGE TEMPERATURE: -40-105 °C

## EMC

PASS CISPR 25:2008 CLASS 4

## 合作共赢

Co creation. "Poems, Zhou, < Gusanju" order "" "Gusanju".  
Empress of Germany also "Lu Deming Shi Wenjin Zhou of



## 中创智远

专业的研发团队

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"工匠精神" 制造

强大的制造设备,  
技术精湛的工人

## 为您提供最好的LED车灯解决方案



A close-up, low-angle shot of the front left headlight of a dark blue car. The car's body panels are highly reflective, showing bright highlights from an overhead light source. The headlight assembly is complex, with a clear lens and internal components visible. The text "Thank you!" is superimposed in a large, white, sans-serif font across the upper middle of the image.

**Thank you!**