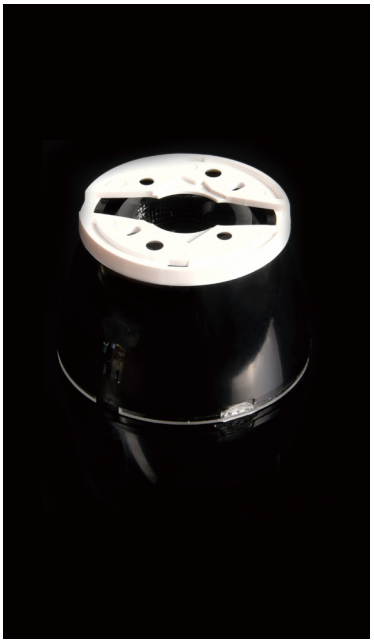
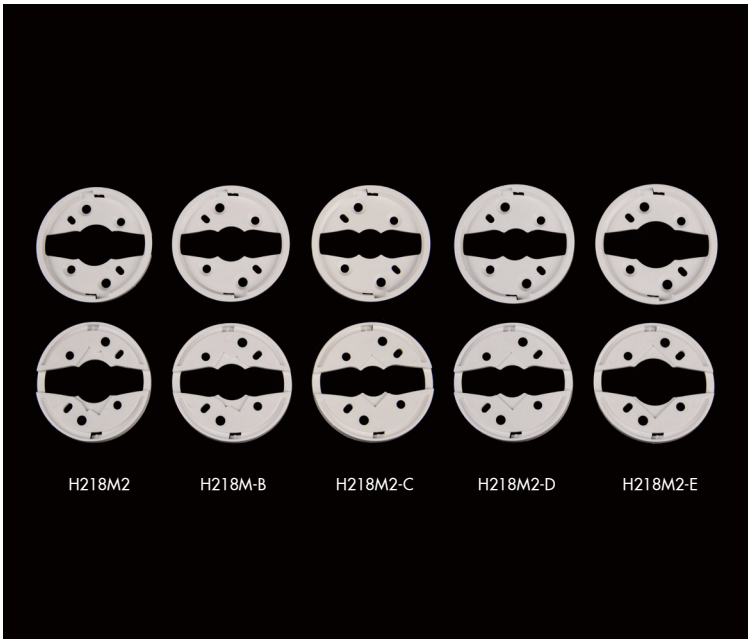
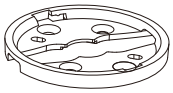
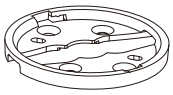
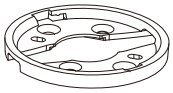
ILENSTECH
Optics

规格/TECHNICAL SPECIFICATIONS

型号/MODEL NUMBER：	ILENS144-C0B55-50-H
透镜尺寸/LENS DIMENSIONS：	Φ55.0*34.0MM
支架尺寸/HOLDER DIMENSIONS：	Φ55.0*35.6MM
定位方式/FASTENING：	锁螺丝/Screw
是否符合ROHS/ROHS COMPLIANT：	是/YES





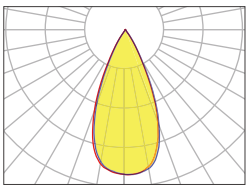
Holder Part No./支架零件号	Colour /颜色	Specification/规格	Matched led/匹配光源	Fastening/固定
H320M1	Black/黑色		/	Clips 卡扣
H218M2	White/白色		*Holder matched leds/支架匹配光源: CREE: 13xx/15xx Bridgelux : V10-Gen6/V13-Gen6	Screw 锁螺丝
H218M-B	White/白色		*Holder matched leds/支架匹配光源: CREE: 13xx/15xx Citizen:CLU700/CLU028/CLL020 Luminus:CXM-2/CXM-4/CXM-6/CXM-9 Bridgelux : V3-HD/V4-HD/V10-G7 V10-GEN6/V13-GEN6	Screw 锁螺丝
H218M2-C	White/白色		*Holder matched leds/支架匹配光源: CREE:13xx Citizen:CLu700/CLU028/CLL020 Luminus:CXM2/CXM-4/CXM 6/CXM-9 Bridgelux:V3 HD/V4 HD/V10-G7	Screw 锁螺丝
H218M2-D	White/白色		*Holder matched leds/支架匹配光源: Luminus:CHM-9	Screw 锁螺丝
H218M2-E	White/白色		*Holder matched leds/支架匹配光源: CITIZEN:CLU713/CLU723CLU038/CLU030 Luminus:CXM-11/CXM-14 Bridgelux:V9 HD/V11 HD/V13-G7	Screw 锁螺丝

说明/CHARACTERISTIC：

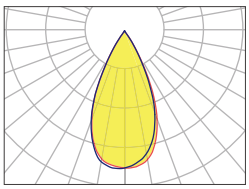
1. 透镜有多种不同的配光角度。
   The lens have multiple types beam angles.
2. 不同的支架来匹配不同LED, 锁螺丝定位安装。
   With different types brackets to match different leds, Screw positioning.
3. 兼容多种灯珠。
   Compatible with various led beads.
4. 适用于室内照明。
   Suitable for indoor lighting.
5. 与市面上同类镜头相比，光效更好，光斑更漂亮，兼容性更好，特别是非常低的炫光值。
   Compared with similar type lenses on the market,with higher efficiency,more beautiful spot and better compatibility.
   Anti-glare lens with very low UGR

ILENS144-C0B55-50-H　　实测配光/OPTICAL RESULTS (PMMA)

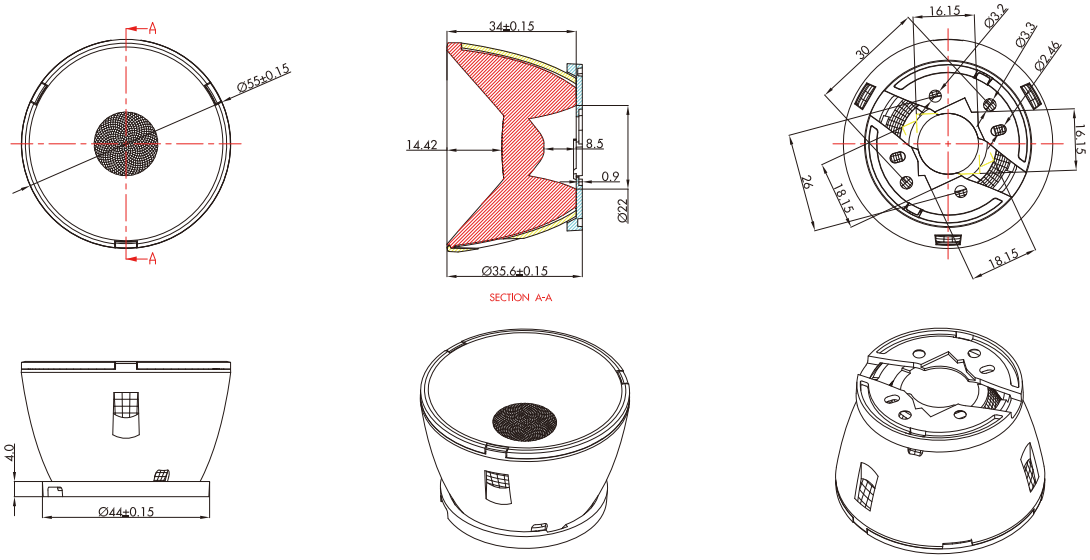
LED:Bridgelux LES 9MM
半角(50%)/FWHM:45.8°
全角(10%)/FWTM:65.9°
光效/Efficiency:89.52%
眩光值/UGR:15.2
灯光颜色/Light colour:白色/White



LED:Bridgelux LES 12MM
半角(50%)/FWHM:49.1°
全角(10%)/FWTM:68.6°
光效/Efficiency:95.93%
眩光值/UGR:15.5
灯光颜色/Light colour:白色/White



ILENS144-C0B55-50-H320M-218M

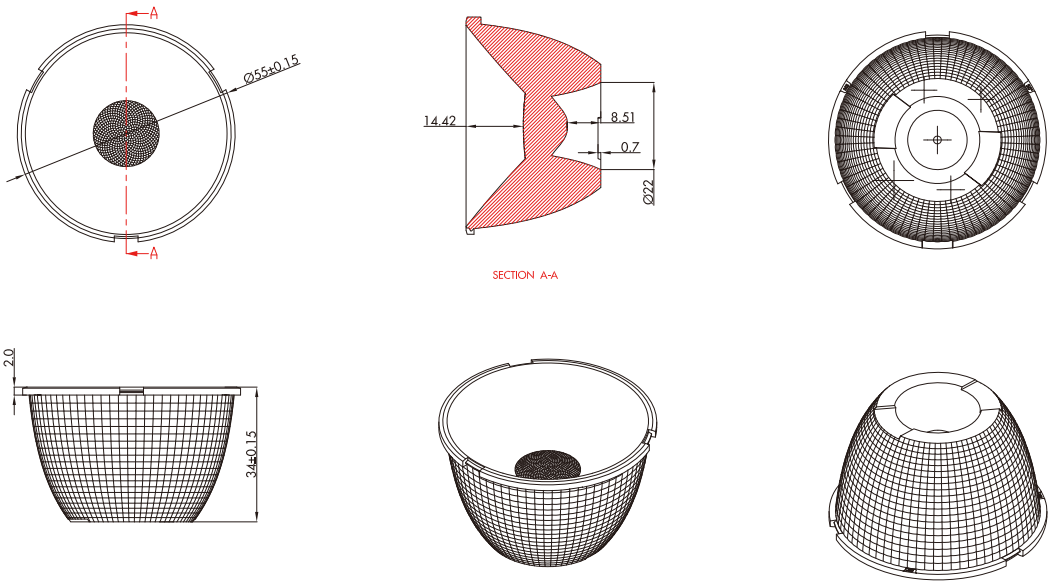


*Holder matched leds/支架匹配光源:

CREE: 15xx/18xx Bridgelux : V10-Gen6/V13-Gen6

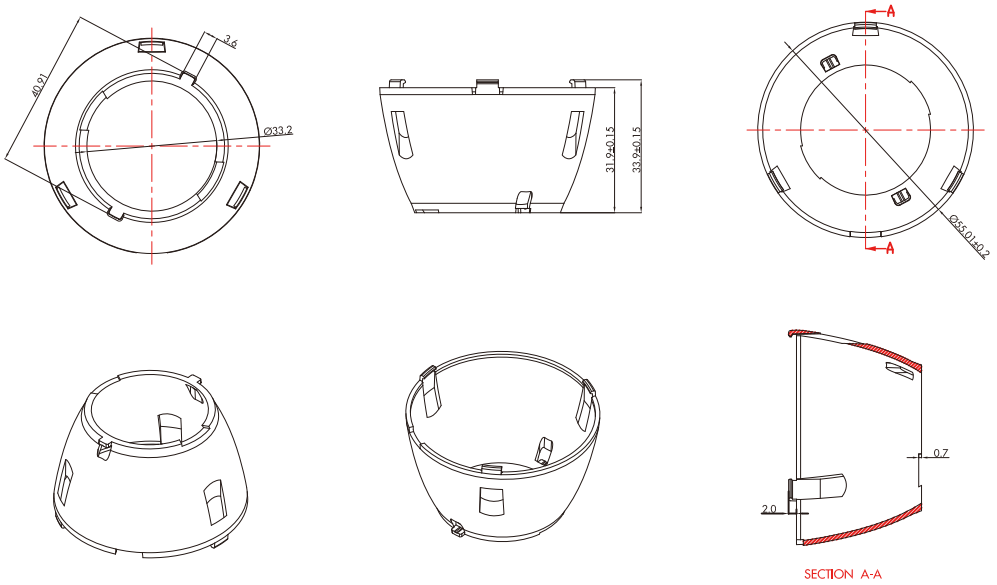
GENERAL TOL ERANCES ISO2768-M (UNLESS STATED) 一般公差ISO 2768-M(除非另有说明)	MATERIAL 材质	PMMA/PC	注意/NOTE: 1. 镜片表面应光滑无划痕、气泡、凹痕和黑点。 The surface of the lens should be smooth without scratches, bubbles, dents and black spots.	
LINEAR/线性	0~5±0.05		5~10±0.1	10~30±0.15
ANGULAR/角度	0°~10°±1°		10°~50°±0.5°	50°~120°±0.3°

ILENS144-C0B55-50-H



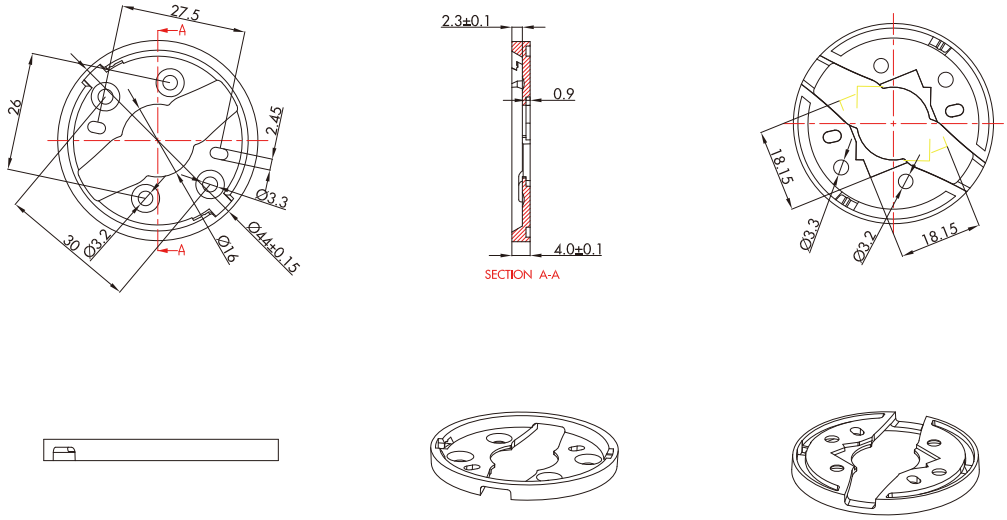
GENERAL TOL ERANCES ISO2768-M (UNLESS STATED) 一般公差ISO 2768-M(除非另有说明)	MATERIAL 材质	PMMA	注意/NOTE: 1. 镜片表面应光滑无划痕、气泡、凹痕和黑点。 The surface of the lens should be smooth without scratches, bubbles, dents and black spots.	
LINEAR/线性	0~5±0.05		5~10±0.1	10~30±0.15
ANGULAR/角度	0°~10°±1°		10°~50°±0.5°	50°~120°±0.3°

H320M



GENERAL TOL ERANCES ISO2768-M (UNLESS STATED) 一般公差ISO 2768-M(除非另有说明)	MATERIAL 材质	PC	/	
LINEAR/线性	0~5±0.05		5~10±0.1	10~30±0.15
ANGULAR/角度	0°~10°±1°		10°~50°±0.5°	50°~120°±0.3°

H218M

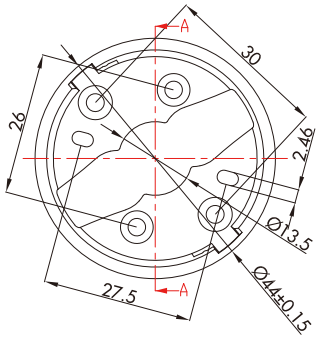


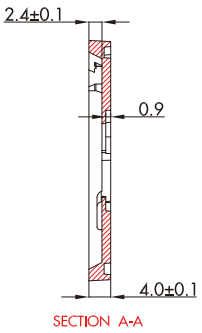
*Holder matched leds/支架匹配光源:

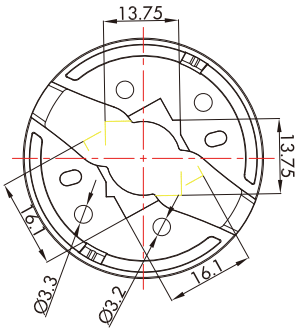
CREE: 13xx/18xx Bridgelux : V10-Gen6/V13-Gen6

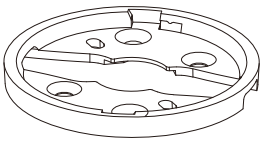
GENERAL TOL ERANCES ISO2768-M (UNLESS STATED) 一般公差ISO 2768-M(除非另有说明)	MATERIAL 材质	PC	/	
LINEAR/线性	0~5±0.05		5~10±0.1	10~30±0.15
ANGULAR/角度	0°~10°±1°		10°~50°±0.5°	50°~120°±0.3°

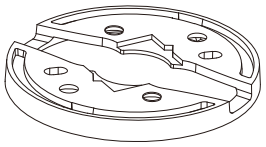
H218M-B











*Holder matched leds/支架匹配光源:

CREE: 13xx/15xx

Luminus: CXM-2/CXM-4/CXM-6/CXM-9

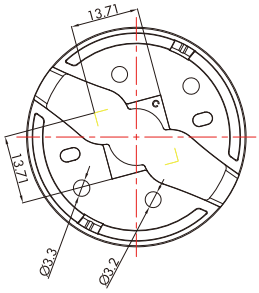
Citizen: CLU700/CLU028/CLL020

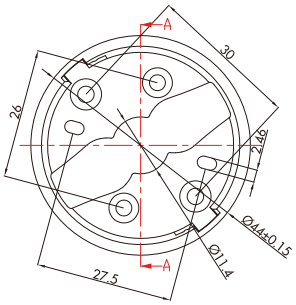
Bridgelux : V3-HD/V4-HD/V10-G7

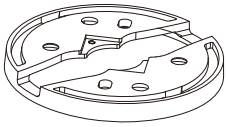
V10-GEN6/V13-GEN6

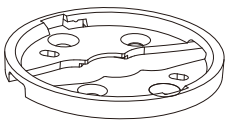
GENERAL TOL ERANCES ISO2768-M (UNLESS STATED) 一般公差ISO 2768-M (除非另有说明)	MATERIAL 材质	PC	/
LINEAR/线性	0~5±0.05	5~10±0.1	10~30±0.15
ANGULAR/角度	0°~10°±1°	10°~50°±0.5°	50°~120°±0.3°

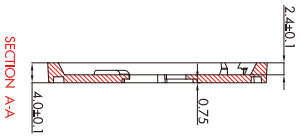
H218M-C











*Holder matched leds/支架匹配光源:

CREE:13xx

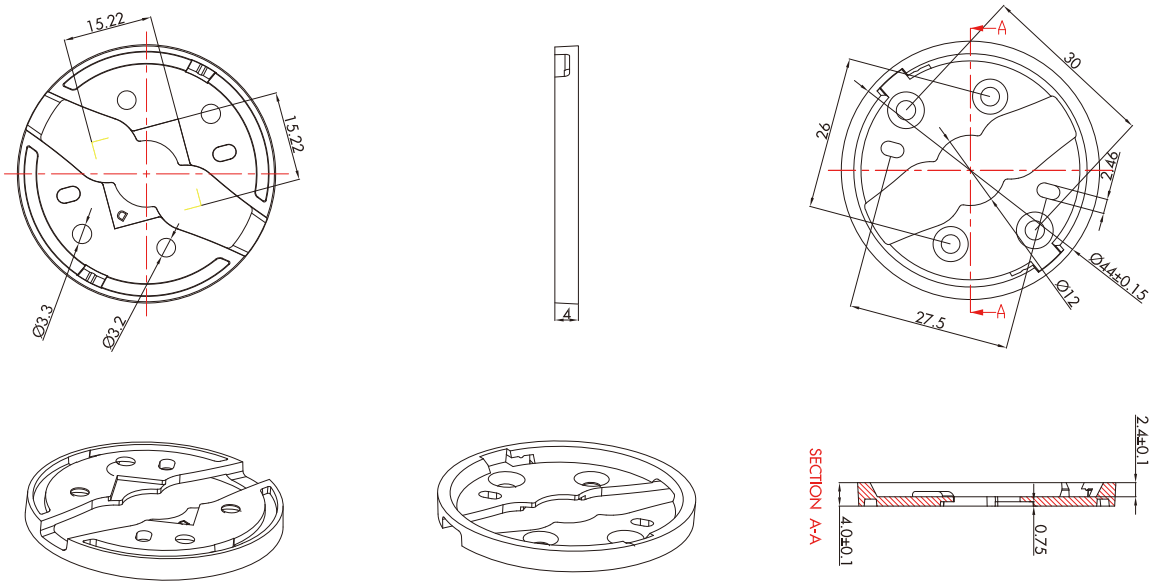
Luminus:CXM2/CXM-4/CXM 6/CXM-9

Citizen:CLu700/CLU028/CLL020

Bridgelux:V3 HD/V4 HD/V10-G7

GENERAL TOL ERANCES ISO2768-M (UNLESS STATED) 一般公差ISO 2768-M (除非另有说明)	MATERIAL 材质	PC	/
LINEAR/线性	0~5±0.05	5~10±0.1	10~30±0.15
ANGULAR/角度	0°~10°±1°	10°~50°±0.5°	50°~120°±0.3°

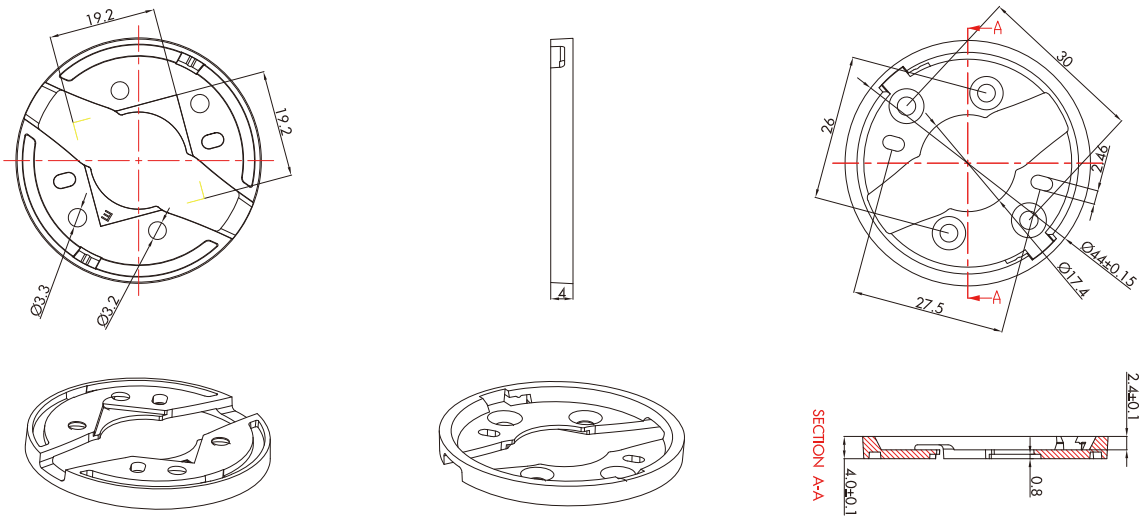
H320-D



*Holder matched leds/支架匹配光源:
Luminus:CHM-9

GENERAL TOL ERANCES ISO2768-M (UNLESS STATED) 一般公差ISO 2768-M(除非另有说明)	MATERIAL 材质	PC	/
LINEAR/线性	0~5±0.05	5~10±0.1	10~30±0.15
ANGULAR/角度	0°~10°±1°	10°~50°±0.5°	50°~120°±0.3°

H218M-E



*Holder matched leds/支架匹配光源:
CITIZEN:CLU713/CLU723CLU038/CLU030
Bridgelux:V9 HD/V11 HD/V13-G7

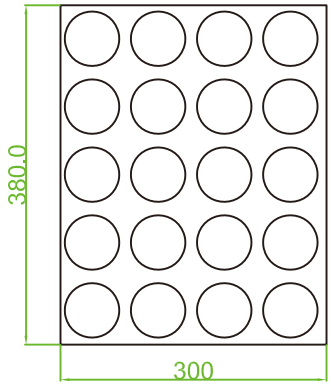
Luminus:CXM-11/CXM-14

GENERAL TOL ERANCES ISO2768-M (UNLESS STATED) 一般公差ISO 2768-M(除非另有说明)	MATERIAL 材质	PC	/
LINEAR/线性	0~5±0.05	5~10±0.1	10~30±0.15
ANGULAR/角度	0°~10°±1°	10°~50°±0.5°	50°~120°±0.3°

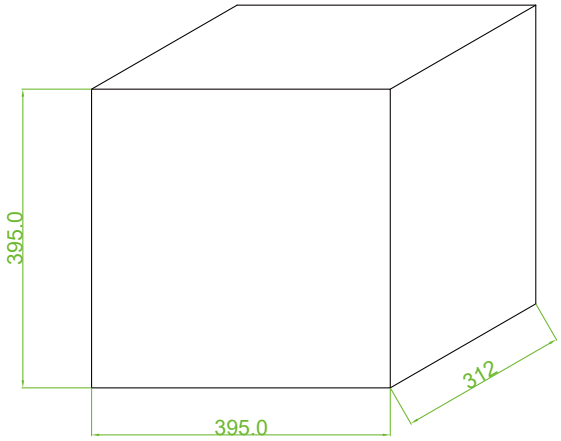
产品包装/Products Packaging

Part NO.	QTY
ILENS144-C0B55-50-H	220pcs
吸塑/Blister-380*300	11pcs
外盒/Cardboard Box-395*312*395	1pcs

ILENS144

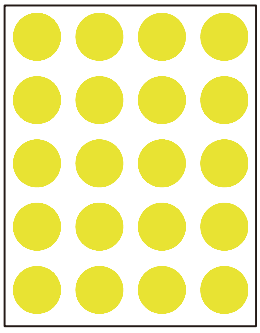


吸塑
Blister-380*300

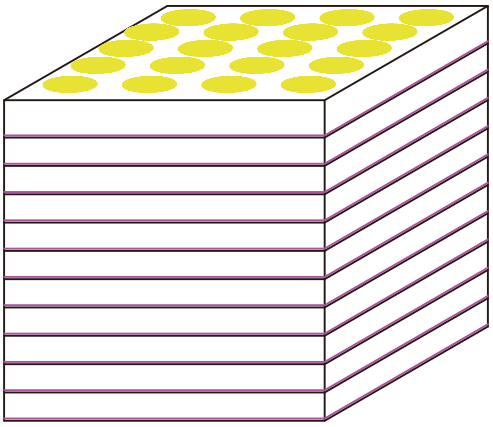


外盒
Cardboard Box-395*312*395

示意图/The schematic diagram:



4pcs*5=20pcs



20pcs*11=220pcs