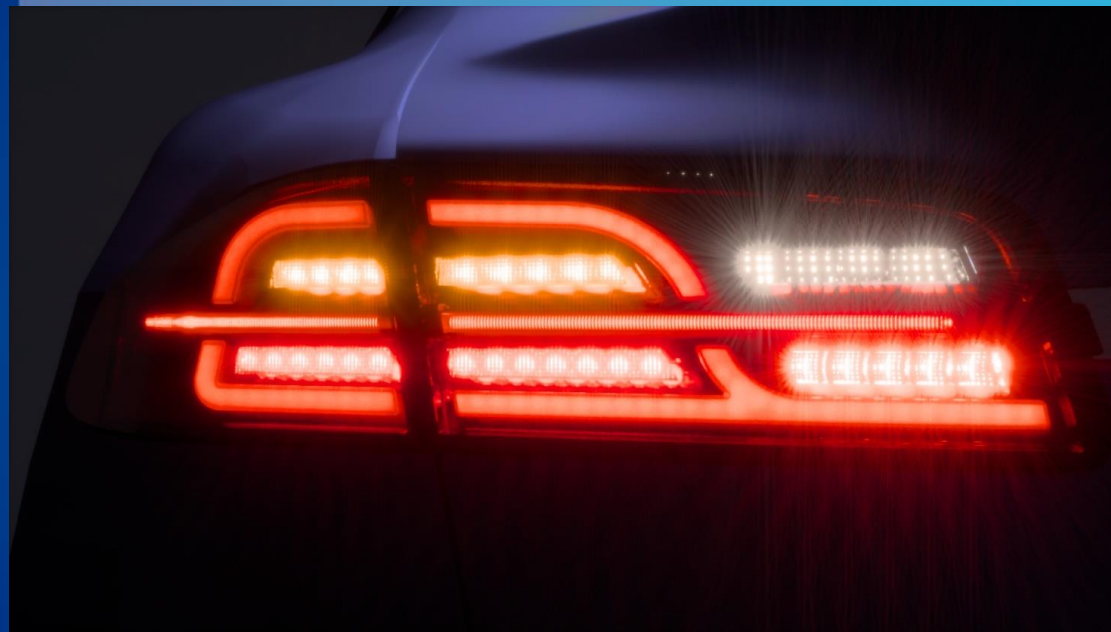


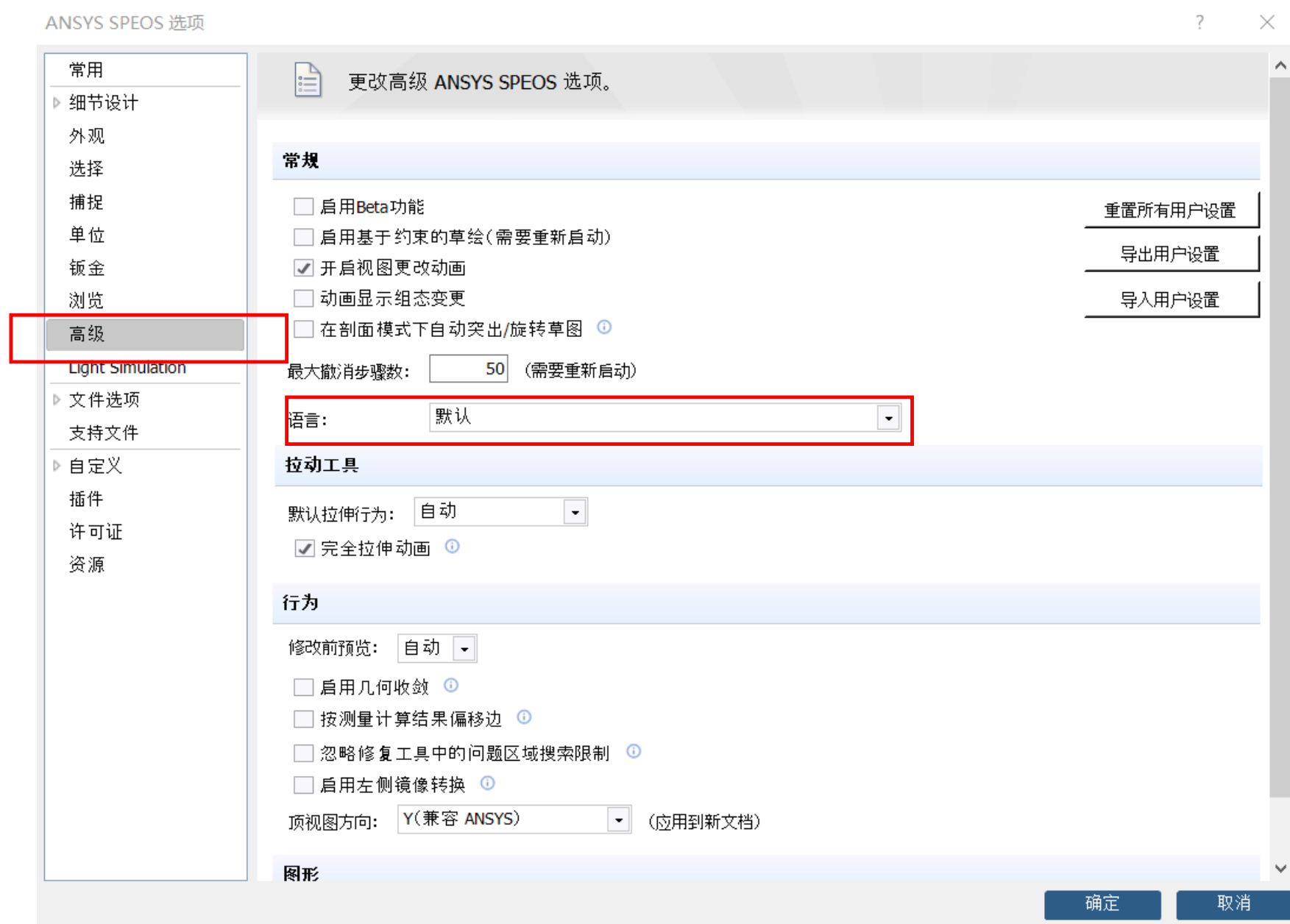
ANSYS SPEOS 汽车信号灯案例演示



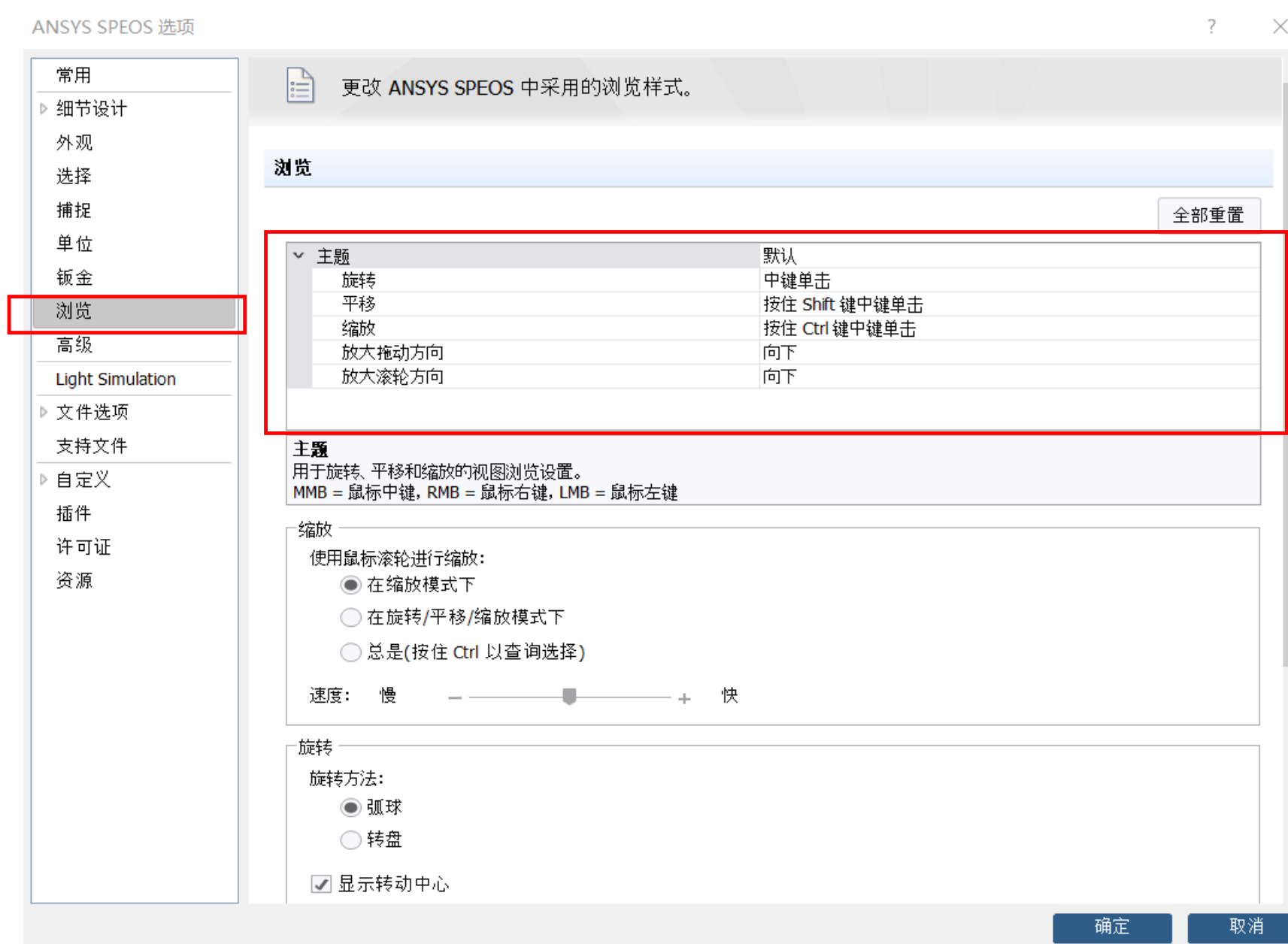
艾迪捷信息科技（上海）有限公司
IDAJ-China

常规设置

打开‘文件’> ANSYS SPEOS 选项  ANSYS SPEOS Options



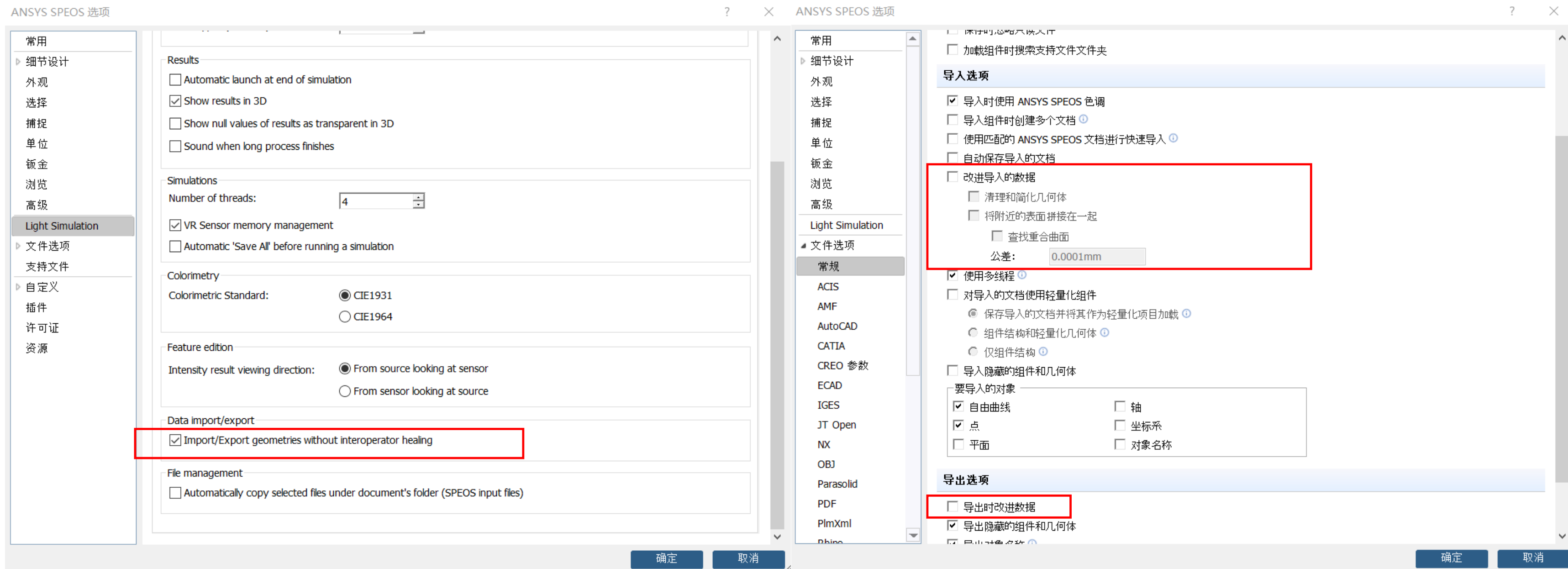
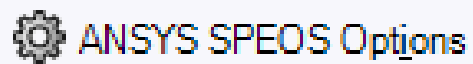
设置系统语言



设置操作方式

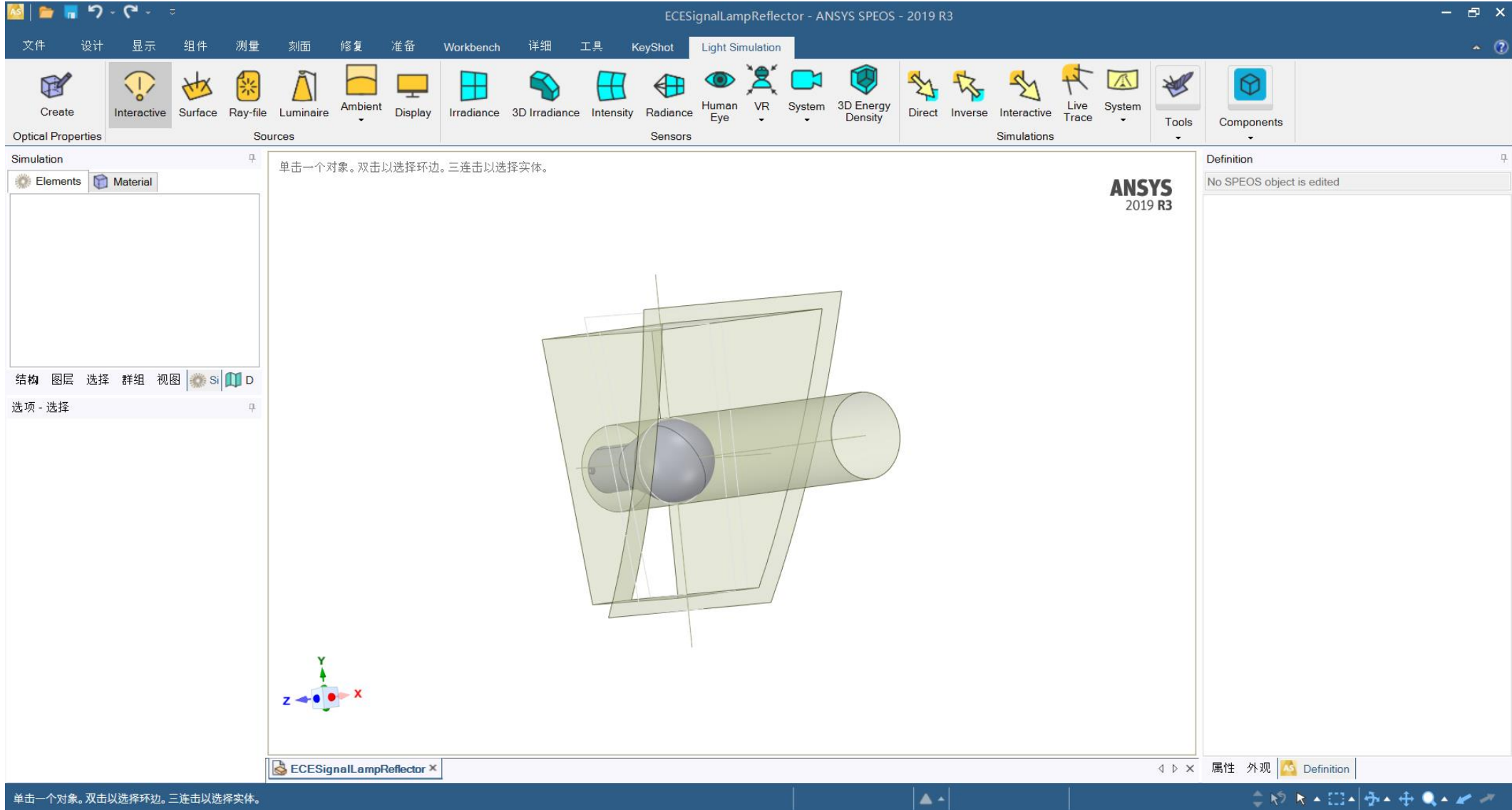
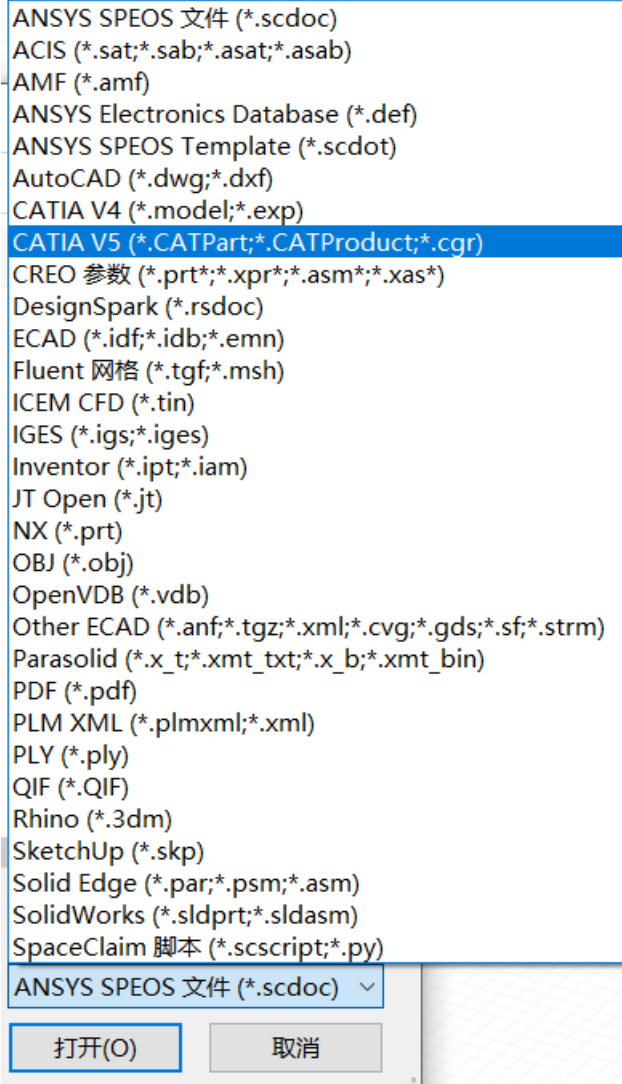
常规设置

打开‘文件’> ANSYS SPEOS 选项



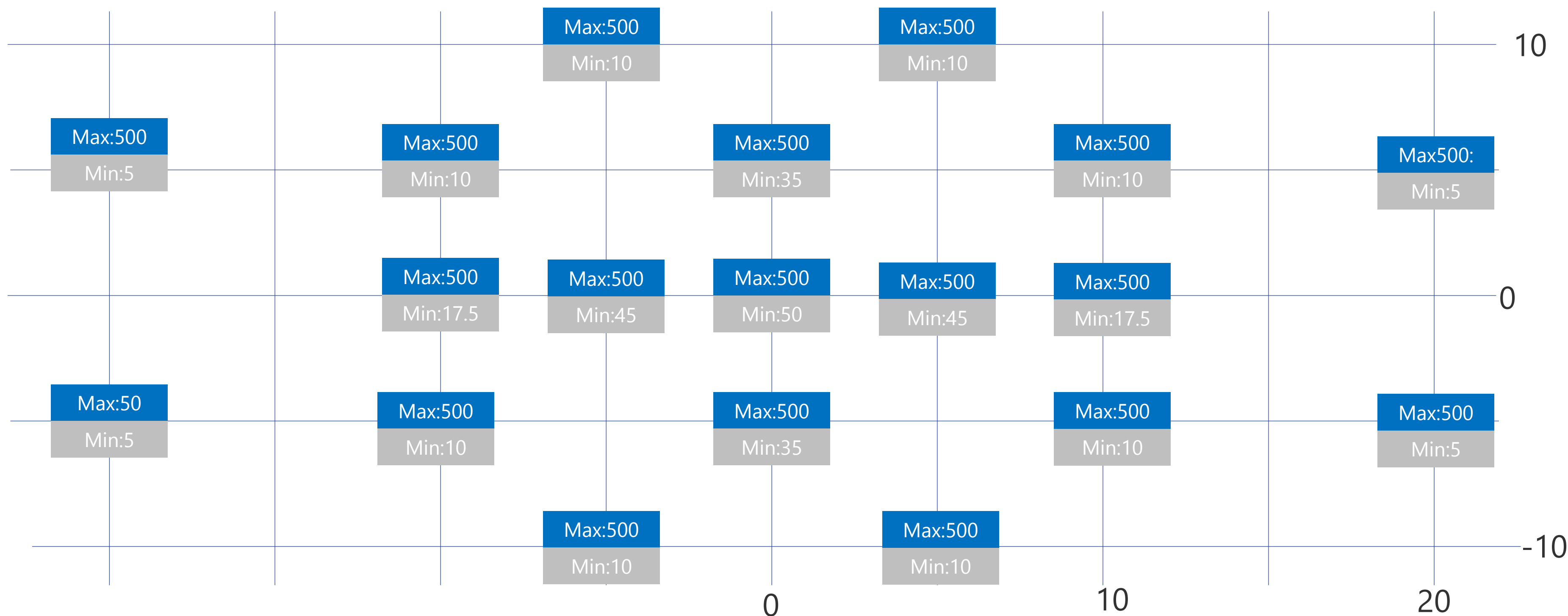
保证导入导出数据的一致性

打开模型



法规

ECE_R6_RearDirectionIndicator_Cat2a_Single-Lamp_M1N1_SideMarker_Left_Below750mm



反光碗参数设置

a. Source tab

Parameter	Definition
Type	Punctual
Point	References/Source

b. Support tab

Parameter	Definition
Type	Parabolic Surface
Origin	-
Axis	References/Optical Axis
Orientation	References/Orientation

d. Target tab

Parameter	Definition
Type	Intensity
Axis	-
Orientation	-

c. Grid tab

Parameter	Definition
Type	Rectangular
Definition	Surface Size & Element Sizes
Axis system/Origin	-
Axis system/Projection Direction	-
Axis system/Orientation	-
Definition/X Start	-45mm
Definition/X End	45mm
Definition/Y Start	-30mm
Definition/Y End	30mm
Definition/X Size	5mm
Definition/Y Size	5mm
Definition/X Angle	0deg
Definition/Y Angle	0deg

e. Elements tab

Parameter	Definition
Beam/Type	Freeform
Beam/Convex-Concave	Convex
Beam/X Start	-20deg
Beam/X End	20deg
Beam/Y Start	-10deg
Beam/Y End	10deg
Beam/Custom Spread	False
Support/Focal	30mm
Support/X Center/Centered On Spread	True
Support/Y Center/Centered On Spread	True

f. Manufacturing tab

Parameter	Definition
Sewing	True
Drafting	False

反光碗参数设置

Parameter	Definition	Parameter	Definition	Parameter	Definition	Parameter	Definition	Parameter	Definition	Parameter	Definition
Beam/Type	Freeform	Beam/Type	Freeform	Beam/Type	Freeform	Beam/Type	Freeform	Beam/Type	Freeform	Beam/Type	Freeform
Beam/Convex-Concave	Convex	Beam/Convex-Concave	Convex	Beam/Convex-Concave	Convex	Beam/Convex-Concave	Convex	Beam/Convex-Concave	Convex	Beam/Convex-Concave	Convex
Beam/X Start	-20deg	Beam/X Start	-20deg	Beam/X Start	-20deg	Beam/X Start	-20deg	Beam/X Start	-20deg	Beam/X Start	-20deg
Beam/X End	20deg	Beam/X End	20deg	Beam/X End	20deg	Beam/X End	20deg	Beam/X End	20deg	Beam/X End	20deg
Beam/Y Start	-10deg	Beam/Y Start	-10deg	Beam/Y Start	-10deg	Beam/Y Start	-10deg	Beam/Y Start	-10deg	Beam/Y Start	-10deg
Beam/Y End	10deg	Beam/Y End	10deg	Beam/Y End	10deg	Beam/Y End	10deg	Beam/Y End	10deg	Beam/Y End	10deg
Beam/Custom Spread	False	Beam/Custom Spread	False	Beam/Custom Spread	False	Beam/Custom Spread	False	Beam/Custom Spread	False	Beam/Custom Spread	False
Support/Focal	30mm	Support/Focal	28mm	Support/Focal	26mm	Support/Focal	24mm	Support/Focal	22mm	Support/Focal	20mm
Support/X Center/Centered On Spread	True	Support/X Center/Centered On Spread	True	Support/X Center/Centered On Spread	True	Support/X Center/Centered On Spread	True	Support/X Center/Centered On Spread	True	Support/X Center/Centered On Spread	True
Support/Y Center/Centered On Spread	True	Support/Y Center/Centered On Spread	True	Support/Y Center/Centered On Spread	True	Support/Y Center/Centered On Spread	True	Support/Y Center/Centered On Spread	True	Support/Y Center/Centered On Spread	True

Group1

Group2

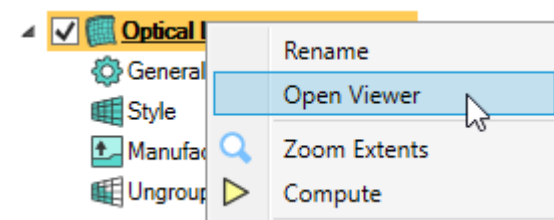
Group3

Group4

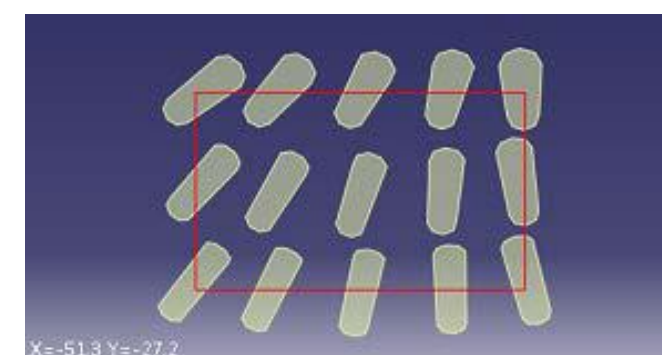
Group5

Group6

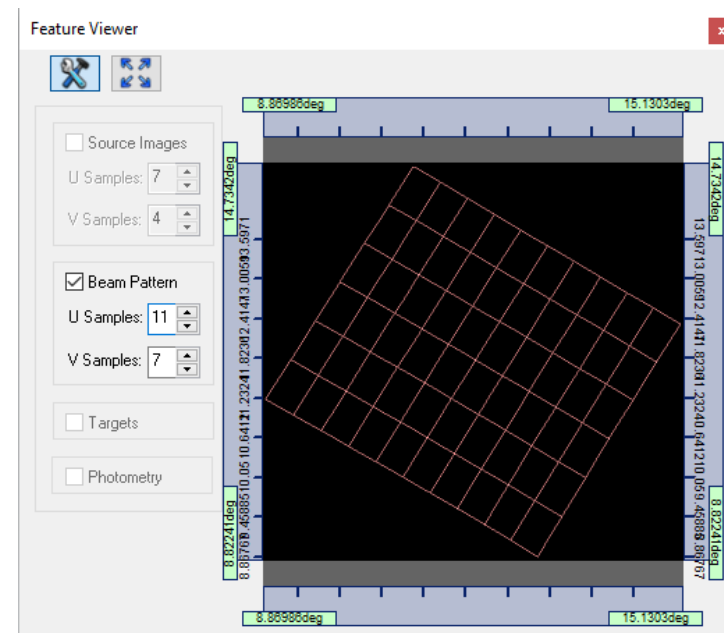
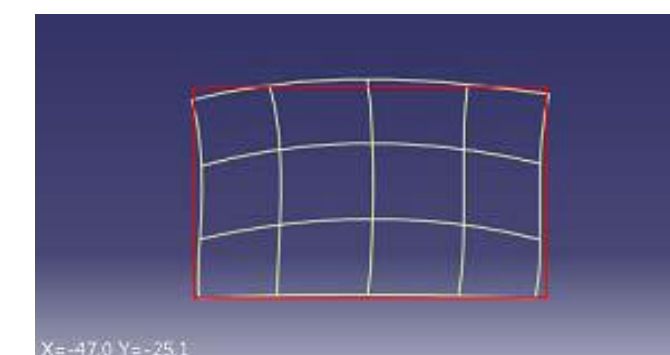
特征结果显示



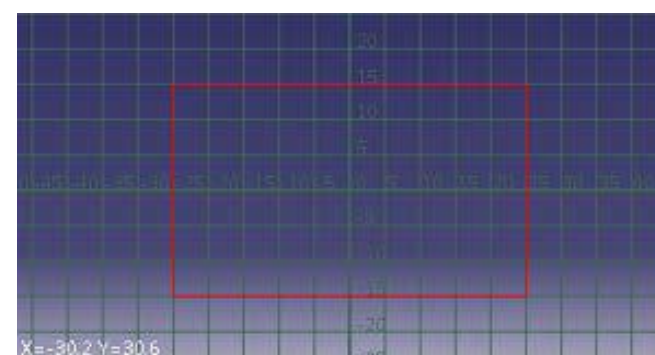
球泡在pillow面上的成像



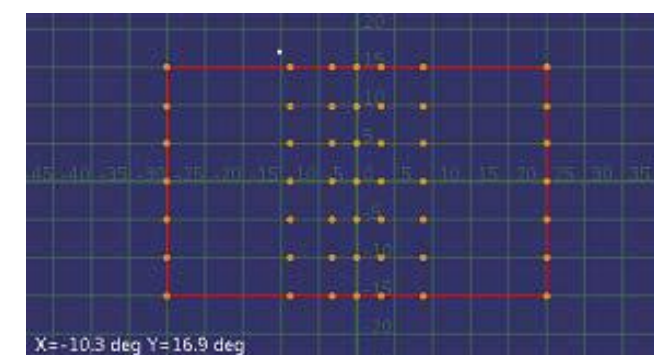
光形预览



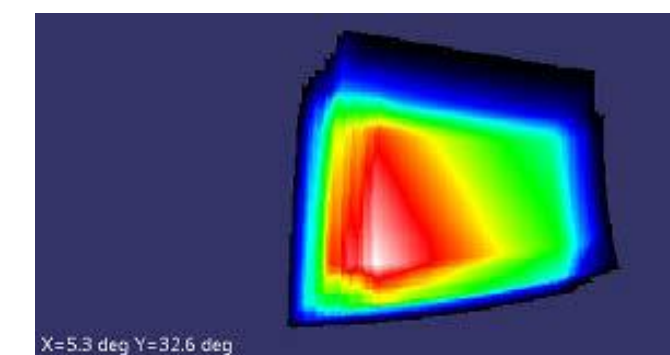
目标区域预览



光强渐变预览

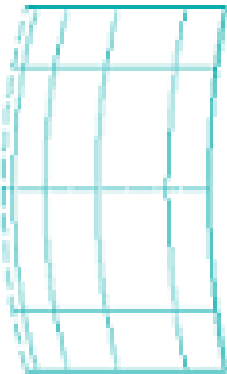


photometry预览



探测器设置

Parameter	Definition	X/Flip	True
Type	Photometric	X/Mirrored Extent	True
Format	XMP	Y/End	15deg
Near field	False	Y/Sampling-Resolution	Resolution
Axis System/Origin	References/Source	Y/Resolution	0.25deg
Axis System/X Direction	References/Orientation	Y/Mirrored Extent	True
Axis System/Y Direction	References/Z	Orientation	X As Meridian, Y As Parallel
X/End	45deg	Measure Template file	.\SPEOS input files\R6_LS_2a_single lamp_less than 750 mm.xml
X/Sampling-Resolution	Resolution	Design Table	No selection
X/Resolution	0.25deg		



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