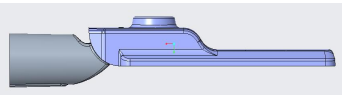
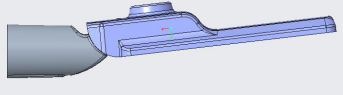
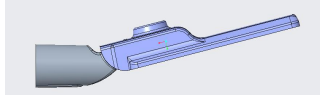
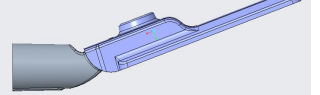




ST-M路灯风阻计算

Effective projected Area (EPA=SCX) Unit:M ²				
Tilt angle Model	0°	6°	12°	18°
一模 (50W)	0.020	0.020	0.020	0.030
一模 (100W)	0.030	0.030	0.030	0.040
一模 (150W)	0.030	0.030	0.040	0.050
一模 (200W)	0.030	0.030	0.040	0.060

Formula:

$$F = 1/2 RH \times S \times Cd \times V^2(N)$$

Cd is the drag coefficient;

S is the area of the surface to be loaded(m²).

RH is equal to 1,225 kg/m³(air volumic mass);

V is the wind speed (m/s).

V = 57 m/s(205 km/h) for heights of more than 15 m.

The drag coefficient is 1,2

