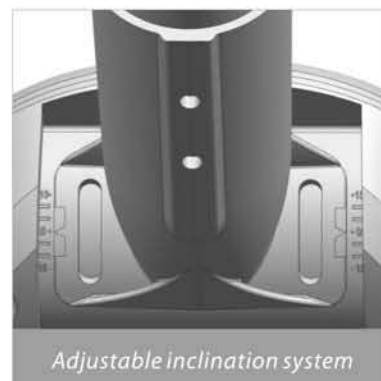
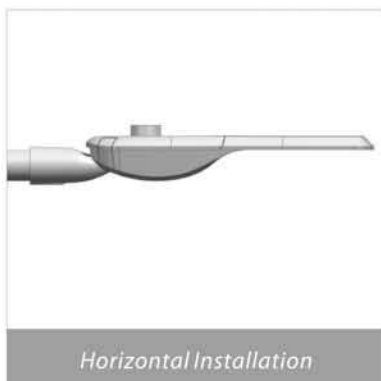
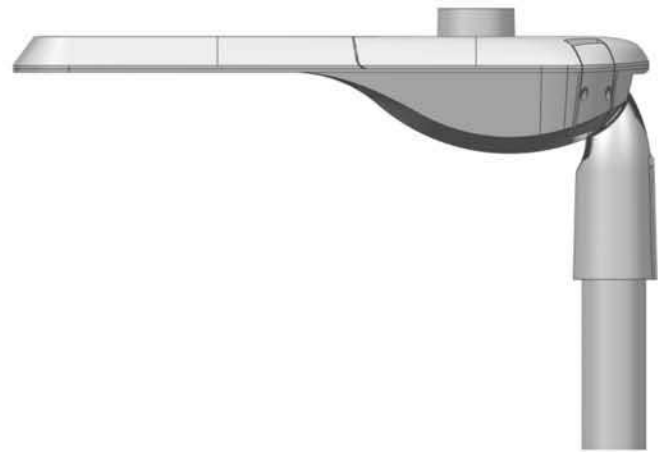


**High output LED Street Luminaire**  
**SERIES ML STR55**





## Product Description:

- STR55 series luminaire is the ideal solution that fulfils requirements of functional street lighting and residential areas, which working with outstanding heat dissipation and compacting system. Equipped with high-quality electrical components, long lifetime is assured. Tool-free design and disconnecter device, enables easy, safe and minimal cost for maintenance. Efficient system aslo to reduce energy consumption and to create a more attractive urban living environment and visual comforts for public and residential areas.
- With patented housing design and range of optics, Elux series luminaire is also a perfect choice for project oriented usage.

## Features:

- Patented Ribbon-Free housing™ technology
- Excellent thermal management
- Outstanding self-cleaning capability
- Patented optics for increased application efficiency
- Tool-free maintenance

## Application:

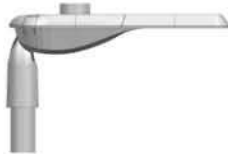
- Highway roads
- Streets
- Parking lots
- Residential areas

## Specifications:

ML STR55-Mini



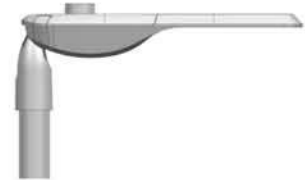
ML STR55-Small



ML SDTR55-Medium



ML STR55-Large



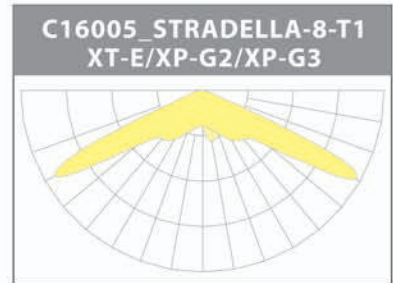
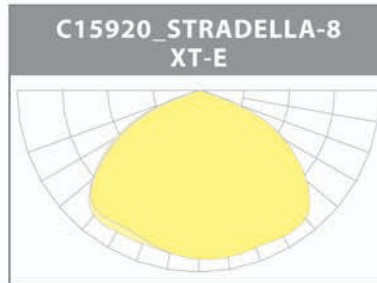
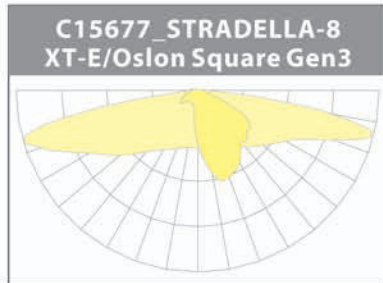
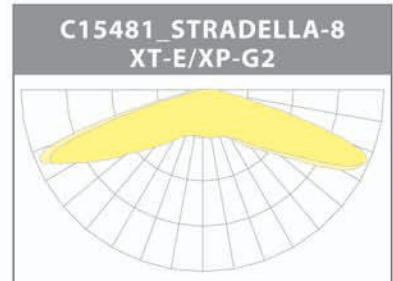
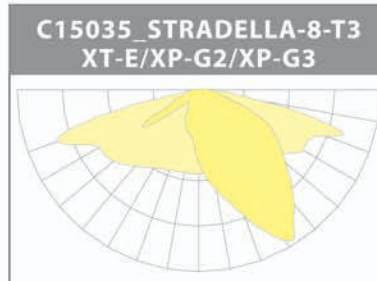
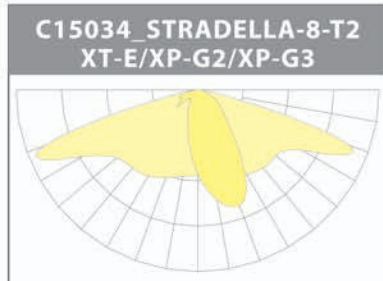
Model	ML STR55 - Mini version ML STR55 - Small version ML STR55 - Medium version ML STR55 - Large version
Light source	Integral LED Module
Power	30W/40W 50W/60W 80W/100W/120W 150W/180W/200W (Other power upon request)
Luminaire flux	1400-5500Lm(Mini version) 6500-7800Lm(Small version) 10000-16000Lm(Medium version) 19500-26000Lm(Large version)
Luminaire efficacy	110-140lm/W
CCT	4000K (3000K/5000K/5700K upon request)
CRI	> 70 > 80(upon request)
Lifetime	100,000 hours at 25°C ambient temperature
Operating temperature range	-30 to 45°C
Driver	Meanwell (Inventronics optional) Other brand of driver(upon request)
Electrical	Class I or Class II Input voltage: 90-305VAC/50-60Hz, 170-305VAC/50-60Hz 10KV/20KV SPD Power automatically switch off when opening
Dimming	Dali 1-10V PWM AstroDIM for autonomous dimming with five independent levels Smart control management system
Options	Photocell Surge protection device (up to 20KV) 0.5m External cable(Other length upon request) Smart control device Motion detection
Materials	Housing: ADC12 die-cast aluminum Cover: Toughened Glass Screws: 304 stainless screws
Color	Grey/ Black/ white
Tightness level	IP66
Impact Resistance	IK09



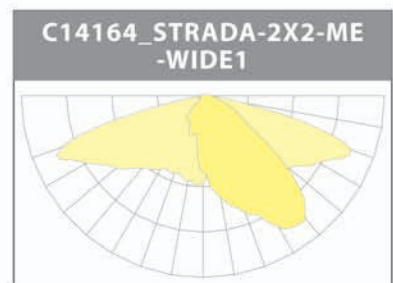
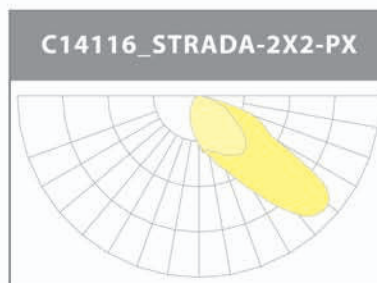
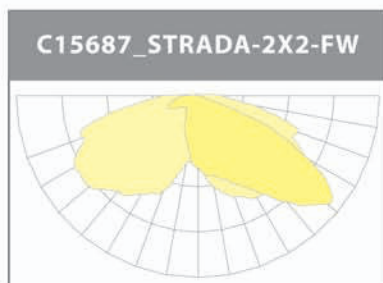
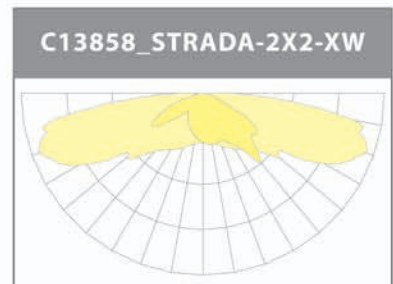
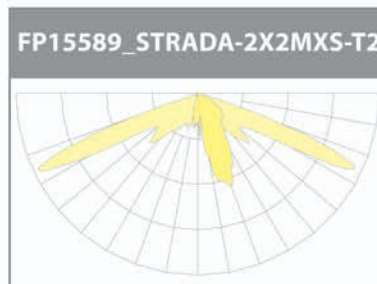
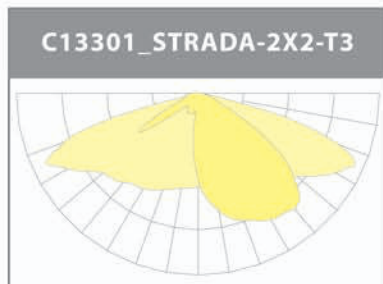
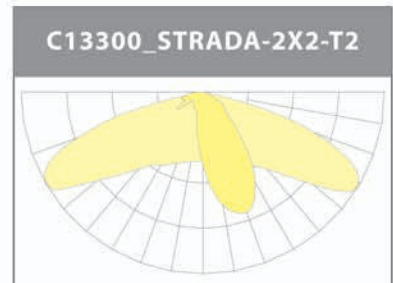
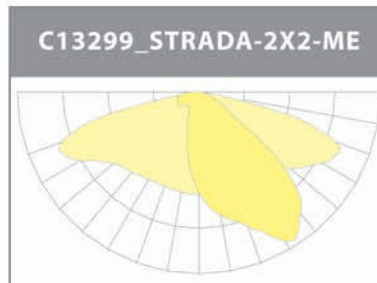
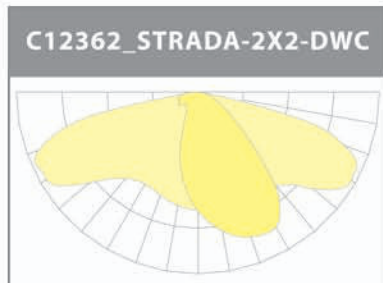
## Luminous Intensity Distribution Diagram

**STR55** series LED street light luminaire come with a robust optic compartment design, enable many different options of LED chipset and optic lens modules, which will help customers to always cope with the latest development of efficiency of led by using different type of led package, from 3030, 3535 to 5050.

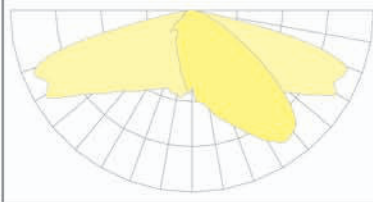
Option 1: with 3535 LED package, basically **STR55** could offer 6 standard light distribution curves as following



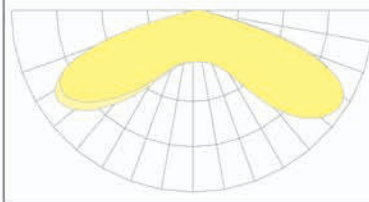
Option 2: with 5050 LED package, basically **STR55** could offer 18 standard light distribution curves as following



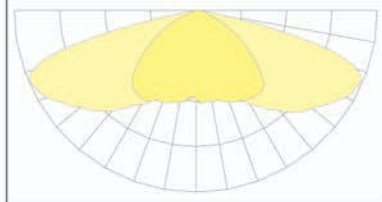
**C14165\_STRADA-2X2-ME  
-WIDE2**



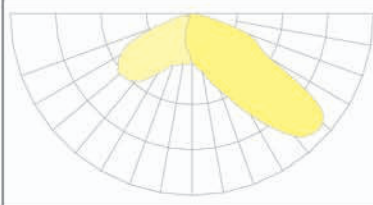
**C14680\_STRADA-2X2-VSM**



**C14750\_STRADA-2X2-CAT**



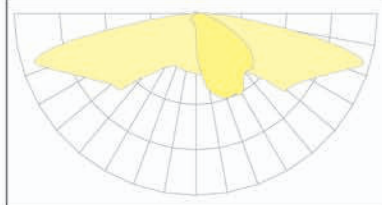
**C14896\_STRADA-2X2-PXL**



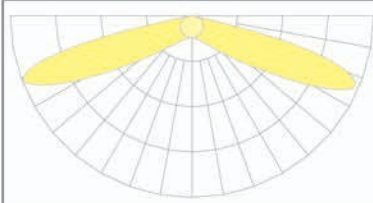
**C15014\_STRADA-2X2-T4**



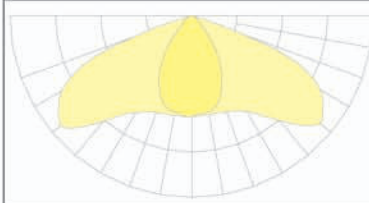
**C15021\_STRADA-2X2-SCL**



**C15135\_STRADA-2X2-T1**



**C15217\_STRADA-2X2-CAT-B**

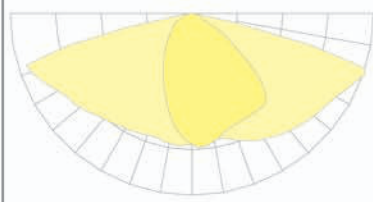


**C15594\_STRADA-2X2-MEW**

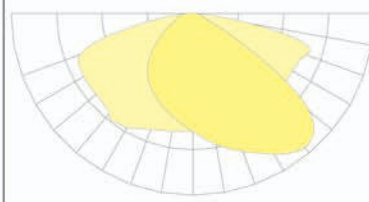


*Option 3: with 3030 LED package, basically the Elux could offer 6 standard light distribution curves as following*

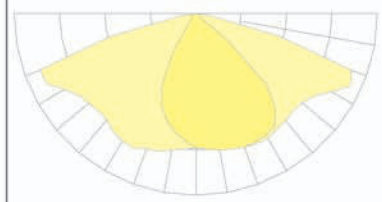
**155-70 Type II Medium**



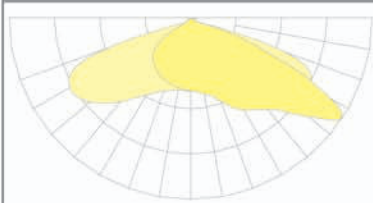
**150-80 Type III Medium**



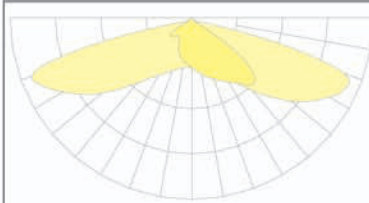
**150-75 Type II Short**



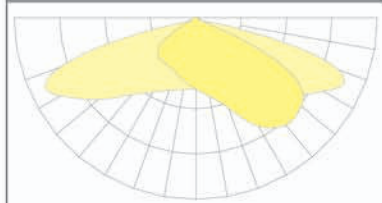
**145-60 Type III Short**



**155-45 Type II Medium**



**155-60 Type III Medium**

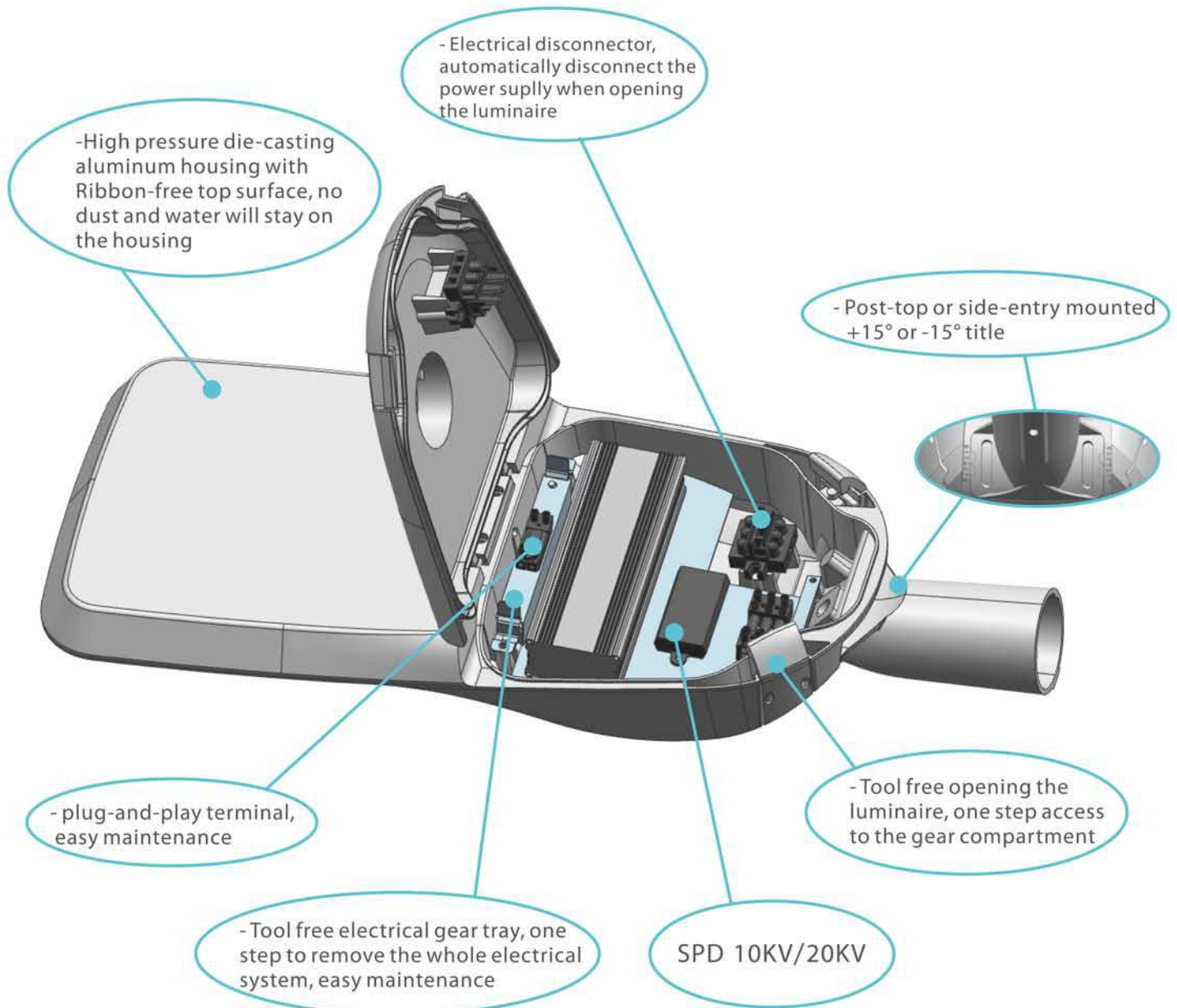




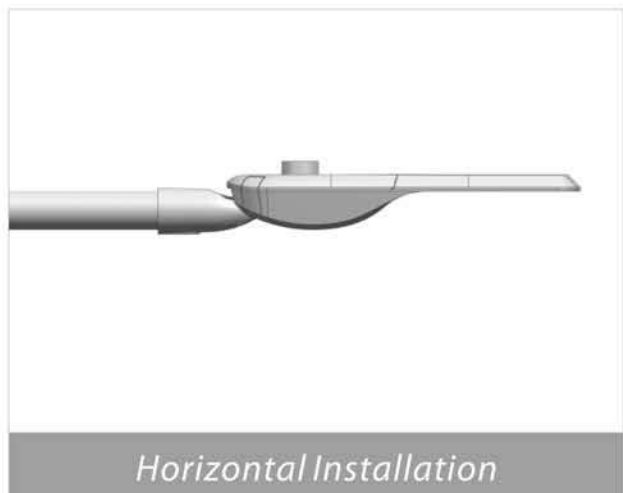
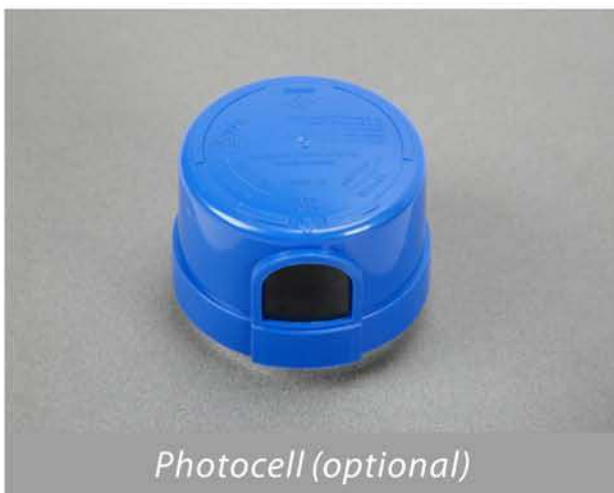
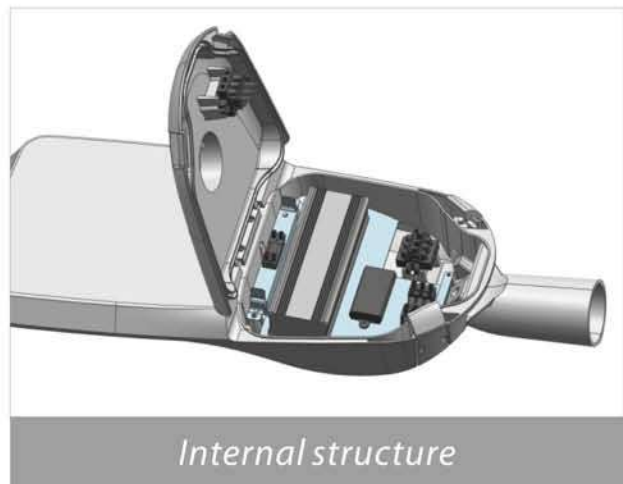
## Unique features STR55 LED street light luminaire Mini version



## Unique features STR55 LED street light luminaire Small/Medium/Large Version



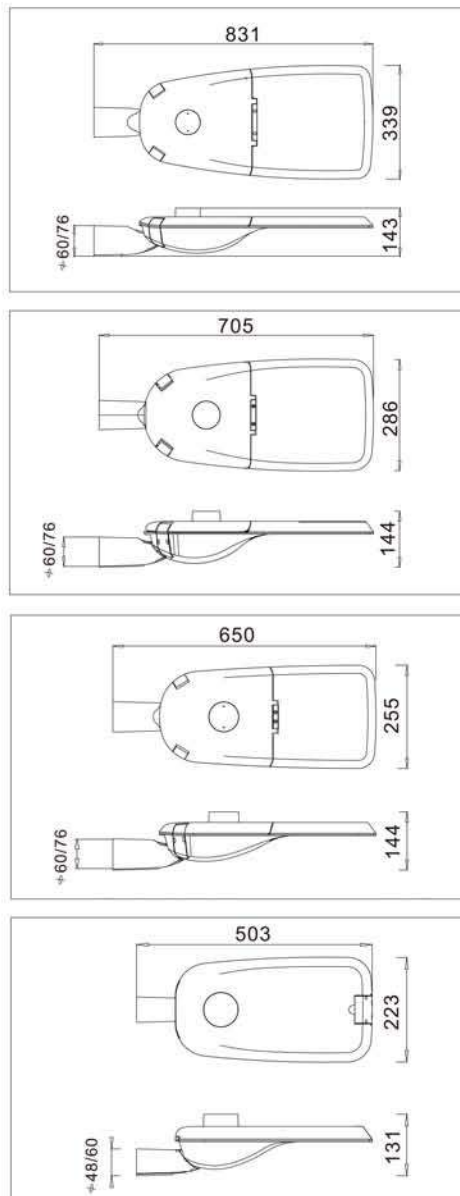
## Pictures:



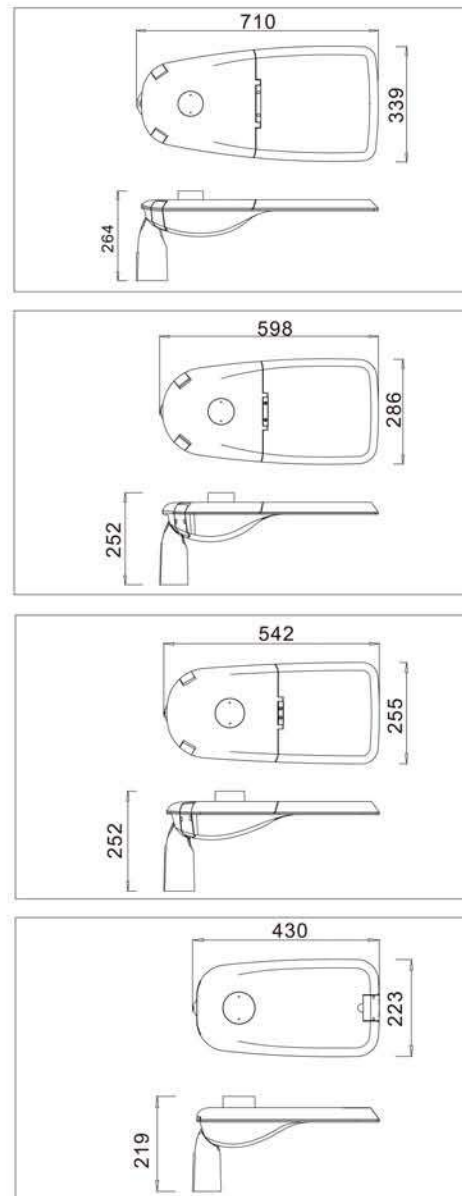


## Product size:

### Horizontal Installation



### Vertical Installation



## Installation:

- **STR55** luminaire can either be post-top or side-entry mounted.
- **STR55** luminaires are fitted with an adjustable inclination system to facilitate photometric adjustments on-site for optimal photometric performance.
- 3 installation pipe diameters are available, 48/60/76mm.
- Please look at the following information to finish installation.

