WHAT IS CLAIMED IS:

1. An LED tube lamp, comprising:

a lamp tube, which includes a light transmissive portion, a reinforcing portion and an end cap; and

an LED light assembly, which includes an LED light source and an LED light strip, wherein:

the light transmissive portion is fixedly connected to the reinforcing portion;

the reinforcing portion includes a platform and a bracing structure;

the bracing structure is fixedly connected to the platform and holds the platform in place;

the bracing structure is made from a material having a greater stiffness than a material from which the light transmissive portion is made;

the LED light source is thermally and electrically connected to the LED light strip, which is in turn thermally connected to the reinforcing portion;

the end cap is attached to an end of the lamp tube;

the light transmissive portion and the reinforcing portion define a first line between them on a cross section of the lamp tube;

the lamp tube has a shape of a circular cylinder;

a cross section of an inner surface of the lamp tube defines a hypothetical circle;

a second line parallel to the first line on the cross section cuts the circle horizontally into two equal halves along a diameter of the circle;

a cross section of the light transmissive portion defines an upper segment on the circle;

a cross section of the reinforcing portion defines a lower segment on the circle;

the bracing structure is made from one of metal, metal alloy and plastic; and

a ratio of a cross-sectional area of the bracing structure to a cross-sectional area of the lamp tube is from 1:3 to 1:30.

2. An LED tube lamp, comprising:

a lamp tube, which includes a light transmissive portion, a reinforcing portion, a ridge and an end cap; and

an LED light assembly, which includes an LED light source and an LED light strip, wherein:

the light transmissive portion is fixedly connected to the reinforcing portion;

the reinforcing portion includes a platform and a bracing structure;

the LED light strip is disposed on the platform;

the bracing structure is fixedly connected to the platform and holds the platform in place;

the bracing structure is made from a material having a greater stiffness than a material from which the light transmissive portion is made;

the LED light source is thermally and electrically connected to the LED light strip, which is in turn thermally connected to the reinforcing portion;

the end cap is attached to an end of the lamp tube;

the light transmissive portion and the reinforcing portion define a first line between them on a cross section of the lamp tube;

the lamp tube has a shape of a circular cylinder;

a cross section of an inner surface of the lamp tube defines a hypothetical circle;

a second line parallel to the first line on the cross section cuts the circle horizontally into two equal halves along a diameter of the circle;

a cross section of the light transmissive portion defines an upper segment on the circle;

a cross section of the reinforcing portion defines a lower segment on the circle;

the bracing structure includes a curvilinear rib;

a cross section of the curvilinear rib defines a lower arc on the circle;

an outer surface of the reinforcing portion forms an outer surface of the lamp tube;

the ridge is an elongated structure extending in an axial direction along an inner surface of the lamp tube;

the bracing structure is made from one of metal, metal alloy and plastic; and

a ratio of a cross-sectional area of the bracing structure to a cross-sectional area of the lamp tube is from 1:3 to 1:30.

3. An LED tube lamp, comprising:

a lamp tube, which includes a light transmissive portion, a reinforcing portion and an end cap; and

an LED light assembly, which includes an LED light source and an LED light strip, wherein:

the light transmissive portion is fixedly connected to the reinforcing portion;

the reinforcing portion includes a platform and a bracing structure;

the bracing structure is fixedly connected to the platform;

the bracing structure is made from a material having a greater stiffness than a material from which the light transmissive portion is made;

the LED light source is thermally and electrically connected to the LED light strip, the LED light strip is thermally connected to the reinforcing portion;

the end cap is attached to an end of the lamp tube;

the lamp tube has a shape of a circular cylinder;

the bracing structure is made from one of metal, metal alloy and plastic; and

a ratio of a cross-sectional area of the bracing structure to a cross-sectional area of the lamp tube is from 1:3 to 1:30.

4. The LED tube lamp in claim 3, wherein:

a cross section of the lamp tube defines a hypothetical circle;

the light transmissive portion and the reinforcing portion define a first line between them on a cross section of the lamp tube, the first line cuts the circle horizontally into an upper segment and a lower segment;

a second line parallel to the first line on the cross section cuts the circle horizontally into two equal halves along a diameter of the circle;

the first line sits below the second line; and

the upper segment, which comprises the light transmissive portion, has a greater area than the lower segment, which comprises the reinforcing portion.

5. The LED tube lamp in claim 3, wherein:

a cross section of the lamp tube defines a hypothetical circle;

the light transmissive portion and the reinforcing portion define a first line between them on a cross section of the lamp tube, the first line cuts the circle horizontally into an upper segment and a lower segment;

a second line parallel to the first line on the cross section cuts the circle horizontally into two equal halves along a diameter of the circle;

the first line rises above the second line; and

the upper segment, which comprises the light transmissive portion, has a smaller area than the lower segment, which comprises the reinforcing portion.

6. The LED tube lamp in claim 3, wherein:

a cross section of the lamp tube defines a hypothetical circle;

the light transmissive portion and the reinforcing portion define a first line between them on a cross section of the lamp tube, the first line cuts the circle horizontally into an upper segment and a lower segment;

a second line parallel to the first line on the cross section cuts the circle horizontally into two equal halves along a diameter of the circle;

the first line sits exactly on the second line; and

the upper segment, which encompasses the light transmissive portion, has a same area than the lower segment, which encompasses the reinforcing portion.

7. The LED tube lamp in claim 3, wherein:

the lamp tube further includes a pair of protruding bars;

the protruding bar extends in an axial direction along an inner surface of the lamp tube and is configured to form a guiding channel inside the lamp tube;

the reinforcing portion is connected to the lamp tube by sliding the reinforcing portion into the guiding channel; and

the reinforcing portion is disposed inside the lamp tube.

8. The LED tube lamp in claim 3, wherein the bracing structure includes one of a vertical rib, a horizontal rib, a curvilinear rib and a combination of ribs selected from the above.

9. The LED tube lamp in claim 8, wherein:

the lamp tube further includes a ridge; and

the ridge is an elongated structure extending in an axial direction along an inner surface of the lamp tube.

10. The LED tube lamp in claim 9, wherein the ridge is broken at intervals.

11. The LED tube lamp in claim 9, wherein:

the lamp tube further includes a maintaining stick;

the ridge is a hollow structure; and

the maintaining stick fills up the space inside the ridge.

12. The LED tube lamp in claim 9, wherein the second line passes through the ridge.

13. The LED tube lamp in claim 3, wherein:

the bracing structure includes a curvilinear rib; and

two ends of the curvilinear rib connect the platform.

14. The LED tube lamp in claim 4, wherein:

the bracing structure further includes a vertical rib; and

an end of the vertical rib connects the curvilinear rib.

15. The LED tube lamp in claim 3, wherein:

the bracing structure includes a vertical rib; and

an end of the vertical rib connects the platform.

16. The LED tube lamp in claim 3, wherein an outer surface of the reinforcing portion forms an outer surface of the lamp tube.

17. The LED tube lamp in claim 3, wherein the LED light strip forms the platform.

18. An LED tube lamp, comprising:

a lamp tube, which includes a light transmissive portion, a reinforcing portion and an end cap; and

an LED light assembly, which includes an LED light source and an LED light strip, wherein:

the light transmissive portion is fixedly connected to the reinforcing portion;

the reinforcing portion includes a platform;

the LED light strip forms the platform;

the reinforcing portion is made from a material having a greater stiffness than a material from which the light transmissive portion is made;

the LED light source is thermally and electrically connected to the LED light strip;

the end cap is attached to an end of the lamp tube;

the reinforcing portion is made from one of metal, metal alloy and plastic; and

a ratio of a cross-sectional area of the reinforcing portion to a cross-sectional area of the lamp tube is from 1:3 to 1:30.

19. The LED tube lamp in claim 18, wherein:

the reinforcing portion includes a curvilinear rib;

two ends of the curvilinear rib connect the platform.

20. The LED tube lamp in claim 19, wherein:

the reinforcing portion includes a vertical rib; and

an end of the vertical rib connects the curvilinear rib.

21. The LED tube lamp in claim 18, wherein:

the reinforcing portion includes a vertical rib; and

an end of the vertical rib connects the platform.

22. The LED tube lamp in claim 18, wherein:

the lamp tube further includes a pair of protruding bars;

the protruding bar extends in an axial direction along an inner surface of the lamp tube and is configured to form a guiding channel inside the lamp tube;

the reinforcing portion is connected to the lamp tube by sliding the reinforcing portion into the guiding channel; and

the reinforcing portion is disposed entirely inside the lamp tube.