

Element	Claim Text
1pre	1. A light fixture with self-test ability of sealing, comprising
1a	a light head having a head housing;
1b	a light source for emitting light and generating heat, which is arranged in the head housing, the light emitted by the light source being projected through a light outlet of the head housing;
1c	a temperature sensor and an air pressure sensor for respectively detecting temperature and air pressure inside the head housing, which are arranged in the head housing; and
1d	a controller configured to determine sealing performance of the head housing based on detection results of the temperature sensor and the air pressure sensor,
1e	wherein the head housing is provided with a waterproof breathable valve allowing an internal space of the head housing in air communication with an external space of the light fixture; and
1f	a switch is further provided, which is configured to make the internal space of the head housing in air communication with the external space of the light fixture by unblocking the waterproof breathable valve when the light fixture is in normal operation, so as to keep air pressure balance between inside and outside of the head housing, and
1g	configured to make the internal space of the head housing not in air communication with the external space of the light fixture by blocking the waterproof breathable valve when the light fixture is in testing of sealing performance.
2	2. The light fixture according to claim 1, wherein an effect assembly is further provided inside the head housing, which is configured to receive the light emitted by the light source and generate a light effect.
3	3. The light fixture according to claim 1, wherein a light shielding member for intercepting the light emitted by the light source is provided to improve efficiency of heating the inside of the head housing when the internal space of the head housing is isolated from the external space of the light fixture.

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4pre	4. The light fixture according to claim 1, further comprising
4a	a support arm for supporting the light head to rotate, and
4b	a base for supporting the support arm, the base having a base housing.
5pre	5. The light fixture according to claim 4, wherein the base further comprises
5a	a switching mode power supply arranged inside the base housing for supplying power and generating heat; and
5b	an additional temperature sensor and an additional air pressure sensor for respectively detecting the temperature and air pressure inside the base housing,
5c	wherein the base housing is provided with an additional waterproof breathable valve allowing an internal space of the base housing in air communication with the external space of the light fixture; and
5d	a switch is further provided, which is capable of switching between two states by unblocking/blocking the additional waterproof breathable valve to make the internal space of the base housing in air communication with the external space of the light fixture or not.
6	6. The light fixture according to claim 4, wherein a pipeline is configured to communicate the head housing with the base housing, with a joint therebetween sealed.
7	7. The light fixture according to claim 6, wherein the pipeline is provided with a blocking device for selectively blocking mutual air flow between the head housing and the base housing.
8	8. The light fixture according to claim 6, further comprising a temperature control system for synchronously increasing the temperature inside the head housing and the base housing.
9	9. The light fixture according to claim 1, wherein a heat homogenizing assembly is further provided in the head housing.
10	10. The light fixture according to claim 1, wherein an auxiliary heating assembly is further provided in the head housing.

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11	11. The light fixture according to claim 1, wherein the switch is in form of an electromagnetic valve.
12	12. The light fixture according to claim 5, wherein a heat homogenizing assembly is further provided in the base housing.
13	13. The light fixture according to claim 5, wherein an auxiliary heating assembly is further provided in the base housing.