Features & Specifications

PL&T
FLOOD LIGHTS

INTENDED USE – RGB LED floodlight fixtures feature the latest Red/Green/Blue color changing technology, meaning this flood light can be any color at any time and under your total control. With a remote control, these LED floodlights allow you to choose one color or automatically cycle through a range of colors with a click of a button. Special effects include flash, strobe, slow fade, and more! These RGB LED floodlights are ideal for landscape, architectural, and stage lighting applications.

There are several techniques that can be implemented by using flood light fixtures in landscape lighting. The easiest methods are simply positioning flood lights as an uplight or downlight, but there are more advanced techniques.

Wall washing: Used to spread a uniform light across large areas, such as the facade of a building.

Wall grazing: Used to highlight the patterns of stone walls, tree trunks, climbing vines, or other objects with textured surfaces. Accomplished by placing the light fixture about a foot away from the highlighted object and pointing the light straight up.

Shadowing: Achieved by positioning the light to cast the shadow of an object in front of it onto a wall.

REMOTE CONTROL - The effortless push of a button can trigger marvelous light displays. There are two remote control options, infrared (IR) and radio frequency (RF) remotes, for your lighting installations.

IR Remote - IR stands for Infrared waves which range from 300 GHz to 400 THz in the scale. You want to use an IR remote when you are able to be close to the device. This type of remote needs to be in line-of-sight of the fixture. The signal is not likely to be intercepted by other remote frequencies.

RF Remote - RF stands for Radio Frequency waves which range from 3 KHz to 300 GHz in the frequency scale. This remote works through walls, floors, and doors. RF remotes are remotes of convenience, better suited to those moments when you won't or can't get close to the receiver, such as outdoor applications. Many RF remotes can control several fixtures with a single remote.

CONSTRUCTION – High-density aluminum alloy housing with a bronze corrosion-resistant powder coat finish for lasting durability. Transparent and weather resistant lens. Housing is sealed against moisture and environmental contaminants (IP65 rated). Designed to protect each fixture from inclement weather.
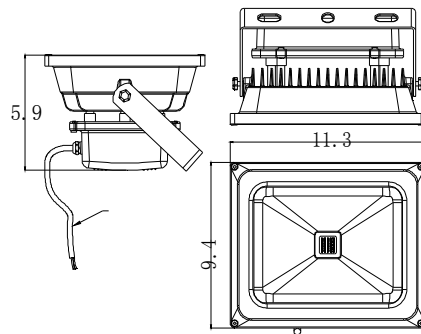
OPTICS – High-performance RGB LEDs maintain a 35,000 hour lifespan. Provides even and bright illumination across a wide area.

ELECTRICAL – Integral heat sink, Input voltage of 120-277 VAC, 50/60Hz. Consider adding a surge protector to protect your fixtures from power surges in your electrical system as an added insurance policy to your investment.

MOUNTING – Trunnion option for adjustable wall, pole, or roof mounting; ideal for flag and sign lighting. Adjustable knuckle mount with optional ground stake for landscape applications.

LISTINGS – UL Certified to safety standards for wet locations. Rated for -40°C to 45°C ambient temperature. IP-65 Rated.

WARRANTY – 5-year warranty. PLT products that are damaged or defective will be repaired or replaced at PLT's choosing for a period of 5 years. Contact 1-800-624-4488 for more information.

5.9
11.3
9.4

Dimensions
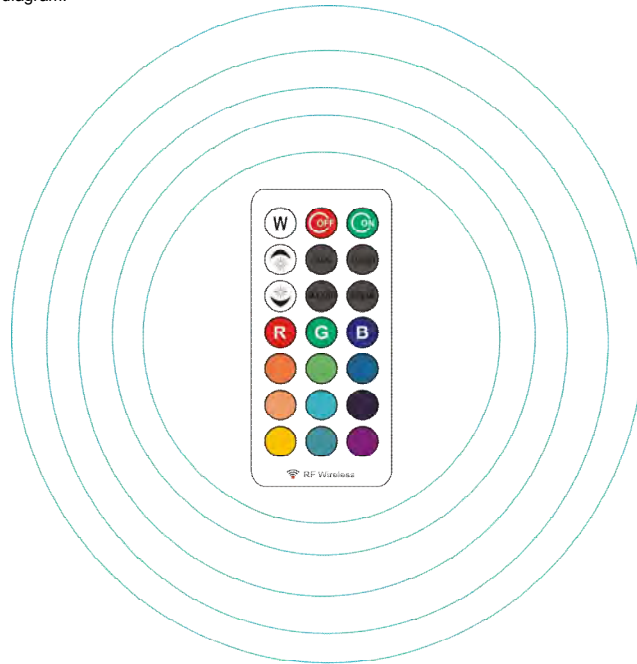Height: 9.4 in.
Width: 11.3 in.
Depth: 5.9 in.
Weight: 5.95 lbs

21 Button RF Remote

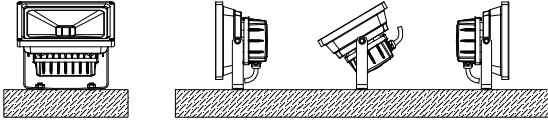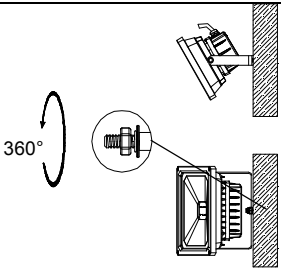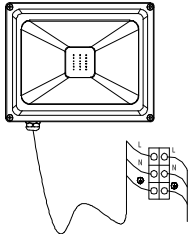| SKU#	Beam Angle	Wattage	Voltage	IP Rating	Mounting	Life Hours	Warranty
PLT-10270	120 Degree	60	120-240	IP65	Ceiling/Wall/Pedestal	35,000	5 Years

Button function

Off: Power off
On: Power on
R: Color change to Red
G: Color change to Green
B: Color change to Blue
W: Color change to White
Flash: Auto-change colors, fast skip
Strobe: Auto-change colors, slow skip
Fade: Auto-change colors, fast shade
Smooth: Auto-change colors, slow shade
Other no-letter buttons: For color-mix.

The following is Radio Frequency control diagram.

25M Max

Installation and use

1.First,adjust the angle you need,finally fasten the floodlights with screws	2.Install the LED Floodlight onto the wall or ground,punch hole on the wall orground,prepare the expansion screw,and then fasten the floodlight

360°

3.Connect the power wire from the Main lineto the power wire of the lamp,and then make treatment for water reistance. Pls note that the Brown color wire is Live wire,Blue wire is Null line,the yellow and green wire is Earth line.	4.Turn on the power supply to ensuer the light is working,Installed.

Attention
1.Please turn off the power supply befor installation or changing assembly parts.
2.The input voltage and the lamp should be adapted. After connecting the power line, please make sure the wiring section   is insulated.
3.Non-professionals, must not install or dismantle the lamps.
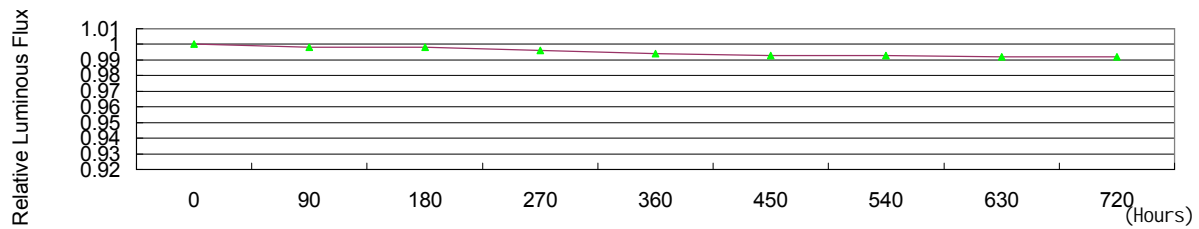4.All the floodlights during installation and in use should not be put with glass cover vertically upside.

Packing Spec

Item	Box			Carton		
	Measurement（mm）	Gross weight	Pcs/box	Measurement(mm)	Gross weight	Pcs/carton
BR-FL60W-01(ID:TA-RF)	L295*W240*H170	2.87 kg	1	L500*W370*H320	12.83 kg	4

Remarks：
1.White light series: WW (3000-3500K) NW (4000-4500K) CW (5000-6500K)
2.Luminous flux tolerance for ±10%
3.Products shall be subject to any changes without prior notices.

Light attenuation map

Through the 720H accelerated aging test,high and low temperature prediction in the rated under the working conditions after 35000H,will provide an average 70% optic maintenance ratio(L70).