

News Letter_ January~ March.2022_Monthly News letter

1E-gmtech Newsletter



1. Haejeong Gwangyeong Port navigational recognition lighting installation and remote control - Breakwater lighting, pier boundary indicator lights





GM Tech installed navigation distribution lamps in Gwangyeong Port. Navigation lamps are used when channels, shoals, or turning vessels are sailing. It is a safety lamp that can clearly identify obstacles at night and can be made recognizable in that matter when fog, rain, haze, haze or fog is long distance. It is advanced lighting that can, in ERM form, various patterns and colors are expressed with RGB as well as lighting of navigational recognition lighting. It enables to maximize the recognition rate when sailing. It is possible to control the lighting more easily and conveniently through remote control when possible. In the meantime, since wireless and receiving light Gwangyeong Port is installed, there are difficulties in installing equipment. However, with the navigational distribution lamp installed this time, as a result, since the cable directly connects the lamp to the main line, wiring and processing are simplified for better safety Gwangyeong Port provided. The chosen navigation lamp can be recognized even at night with its light intensity (light from a distance, up to 1000 meters), moisture-proof and flame-retardant. As a product, high-voltage waves in the lamp around breakwaters and lighthouses, etc. is a hazard for that can support even when hit by waves. The durability is strengthened by using the M and another lamp structure. It is expected that Haejeong Gwangyeong Port can prevent safety accidents during the entry and departure of ships at night and become a landmark in Gwangyeong Port, in the long.

2. Gumi Culture and Arts Center Landscape Lighting Replacement Project

A landscape lighting project was carried out and installed by another company in 2018 at the Gumi Culture and Arts Center. In the landscape lighting, the recently changed color and layout. Contract was placed on the replacement business company and replaced and installed. Existing products with low power efficiency and susceptible to water damage. Repair and repair of all 5000 landscape and 2000 low buildings, which have been demolished and have excellent waterproofing technology. Inside the Culture and Arts Center building is a building brand for the world, which is considered by the generation of modern architecture in Korea. It has a special meaning as a landscape lighting project for Korea. It is often observed the architectural beauty of the culture and art center building. In addition to waterproofing LED lighting and energy were increased. Due to the light landscape replacement project, the Culture and Arts Center is believed not only during the daytime, but also at night with beautiful lighting and is new culture for citizens. It is expected to transform into a space.

2Product of the month

Smart remote port Breakwater lighting Light floodlight indicator lamp

Using DMX12 + repeater, to mobile phone
High-durability LED line floodlight with remote control

- Daylight color, light blue color and search color can be set
- Set color performance are possible using a mobile phone APP
- High-durability 100% waterproof, moisture-proof, flame-retardant (FRG) and related technology category
- Recommended as Breakwater and pier boundary indicator lamp

Product specification

Product voltage	Power Consumption	Protection Class	Life span
DC24V	40W	IP68	30000hours

Material	Weight	Temperature	Lighting light color
FRG	1.5kg	-20~+60°C	White color, blue color, red color

Dimension 1000mm X 39.5mm X 24.3mm



Applications | breakwater, lighthouse, etc.



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