

## Proposal for floodlights for coldstorage

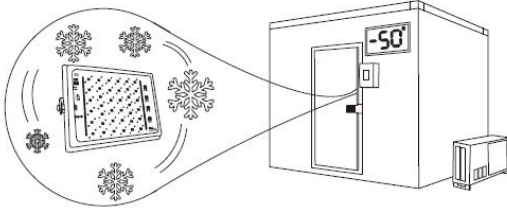




# 1.Feature of Coldstorage lights

## 01.Cold storage only

- Available at -50 degrees
- Extreme cold available

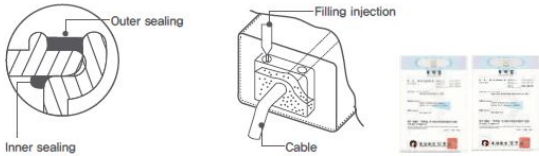


※ Can be used up to -50 degrees for the first time in Korea lighting market

## 03.Waterproof technology

Developed sealing technology to solve the waterproofing problem which is the problem of the existing coldstorage lighting.

- 1.Double sealing
- 2.Filling guide tech

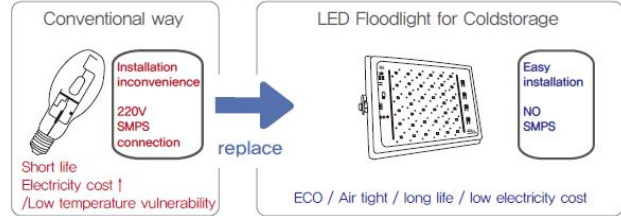


Registration number	Name	권리자	등록일
1 계 10-1324700호	DOUBLEY-SEALED TECH	E-GM TECH	2013/10/28
2 계 10-1306924호	FILLING INJECTION TECH	E-GM TECH	2013/09/04
3 US 9,791,143 B2	DOUBLEY-SEALED WATERPROOF FLOODLIGHT AND METHOD FOR SAME	E-GM TECH	2017/10/17

※ Product exchange in condensation !

## 02.Metal Halide Replacement Lights

- Replaceable metal halide 150w
- 10% ~ 25% luminous flux increase



※ 1st place in Korean coldstorage replacement sales

## 04. Reliability testing

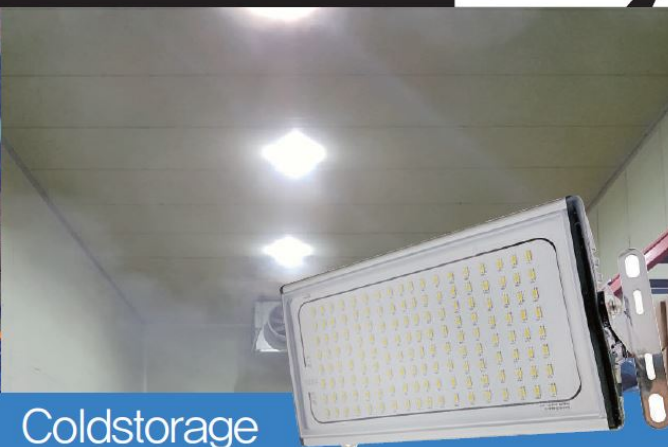
We test to improve customer satisfaction and trust.



※ warrenty 3 years (1:1)



## 2.Introduction to Coldstorage lighting



Coldstorage  
**50W** lights

Coldstorage  
**80W** Lights



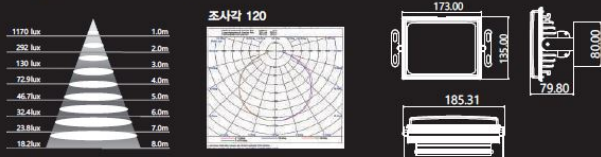
Total flux	Illuminance(1m)	Beam angle	CRI	CCT
3,386(lm)	1,170(lux)	120° / 60°	OVER 75	6,000K

Total flux	Illuminance(1m)	Beam angle	CRI	CCT
7,350(lm)	2,510(lux)	120° / 60°	OVER 75	6,000K

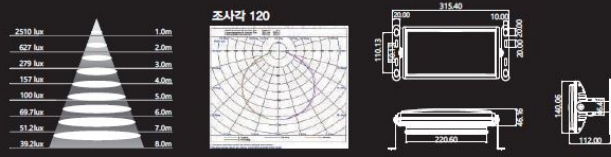
IP level	Weight	Operating temperature	Power consumption	Input voltage	PF
IP67	1 Kg	-50~50°C	50W	AC220V	OVER 0.9

IP level	Weight	Operating temperature	Power consumption	Input voltage	PF
IP67	2 Kg	-50~50°C	80W	AC220V	OVER 0.9

■ Light distribution, Direct illumination ■ Dimension



■ Light distribution, Direct illumination ■ Dimension





### 3. Comparison of LED floodlight and metal halide



※ Comparison of LED floodlight and metal halide 80w when replacing LED lighting

Place of installation: coldstorage 7m heigh,binggrae,kyungsan-si,kyungbook,korea

Compare Products: coldstorage LED 80wVS Metal halide 250W

Result: More light than metal halide 250W



## 4. Company brand introduction and performance



**STELLON** Brightly anywhere

어디서나 우리에게 빛을  
밝혀주는 마음으로...

**e.GM Tech**



LED special lighting Manufacturer

Day of establishment 2010. 12. 29

CEO Kim seung

Adress 1gongdan-ro 88-21  
Gumi-Si Kyungbook korea

Industry Manufacture

Class LED Floodlight

### Performance Status

- The Antarctic King Sejong Station
- Samjin coldstorage
- Chunil Logistics
- Changbogo food
- Chunil coldstorage
- Jenico
- Ohbok Food
- Brother fishery
- High one system
- Jinyoung coldstorage
- Jangbogo Antarctic Research Station
- Gyeongsan Binggure
- Galaxy fish
- Incheon Water Police
- Agrana fruit
- Jinyoung coldstorage
- Heysung coldstorage
- Hanbit FL
- Hanuri Information Technology
- Hyunbok food
- Tuna coldstorage
- Mexicana
- NH
- Youngdong seefood
- Shinchunji food
- Seowon coldstorage
- Samsung storage
- Backmi food
- Hemarkum
- SS food
- Hwasung food
- Shinhan fish
- Sewon electric
- Sangil coldstorage
- Bookyung coldstorage
- Hanwoomool
- Jeidy

