

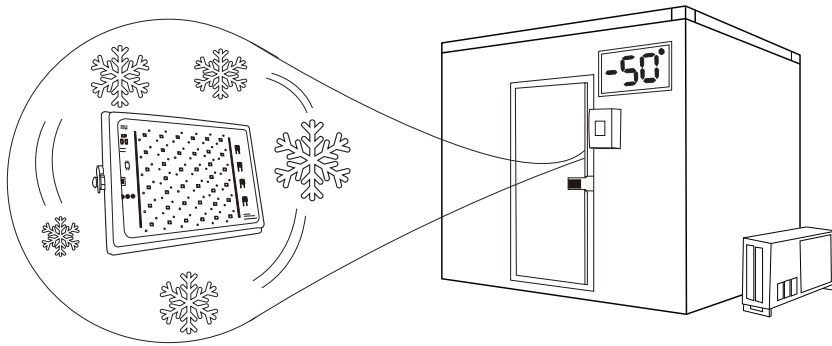
A 3D architectural rendering of a large, modern research station in a snowy, mountainous Antarctic environment. The station consists of several interconnected red and white modular buildings. The word "POLAR" is visible on the side of one of the buildings. Numerous small figures of people are scattered across the snowfield, providing a sense of scale. The background shows snow-covered mountains under a clear blue sky.

Proposal for Floodlights for coldstorage

※ Installed place : King Sejong Antarctic Research Station

01. Cold storage only

- Available at -50 degrees
- Extreme cold available

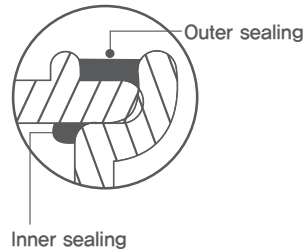


※ Can be used up to -50 degrees for the first time in Korea lighting market

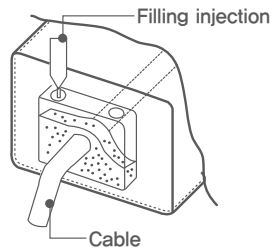
03. Waterproof technology

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

1. Double sealing



2. Filling guide tech

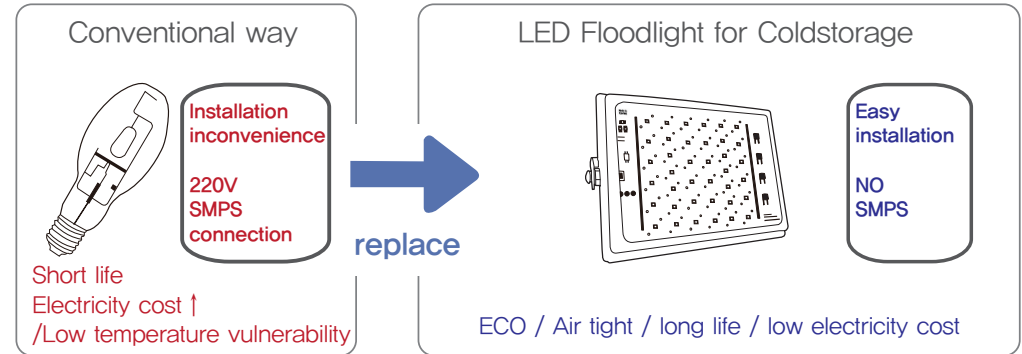


	Registration number	Name	권리자	등록일
1	제 10-1324700호	DOUBLEY-SEALED TECH	E-GM TECH	2013/10/28
2	제 10-1306924호	FILLING INJECTION TECH	E-GM TECH	2013/09/04
3	US 9,791,143 B2	DOUBLEY-SEALED WATERPROOF FLOODLIGHT AND METHOD FOR SAME	E-GM TECH	2017/10/17

※ Product exchange in condensation !

02. Metal Halide Replacement Lights

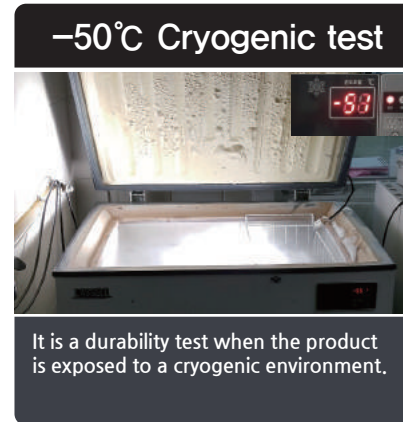
- Replaceable metal halide 150w
- 10% ~ 25% luminous flux increase



※ 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



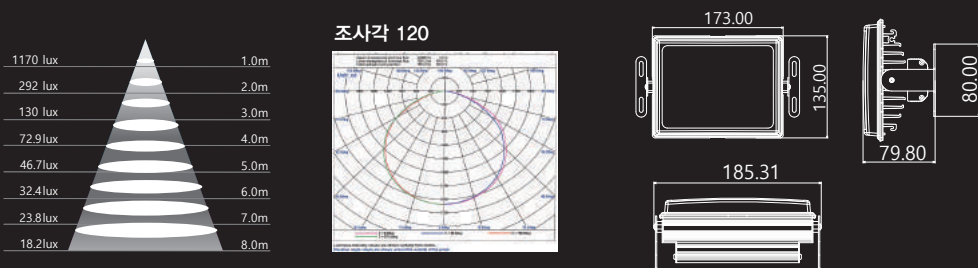
Total flux	Illuminance(1m)	Beam angle	CRI	CCT
3,386(lm)	1,170(lux)	120° / 60°	OVER 75	6,000K

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

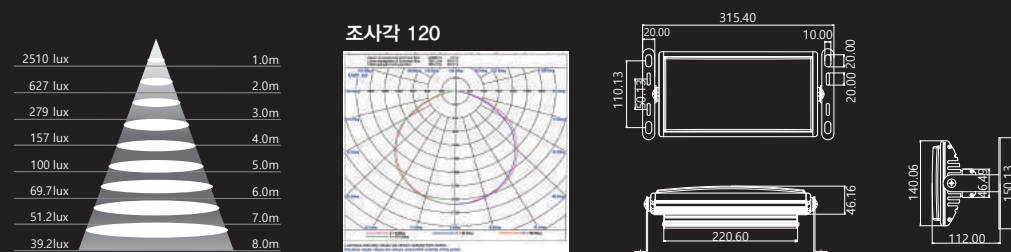
Total flux	Illuminance(1m)	Beam angle	CRI	CCT
7,350(lm)	2,510(lux)	120° / 60°	OVER 75	6,000K

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

■ Light distribution, Direct illumination ■ Dimension



■ Light distribution, Direct illumination ■ Dimension

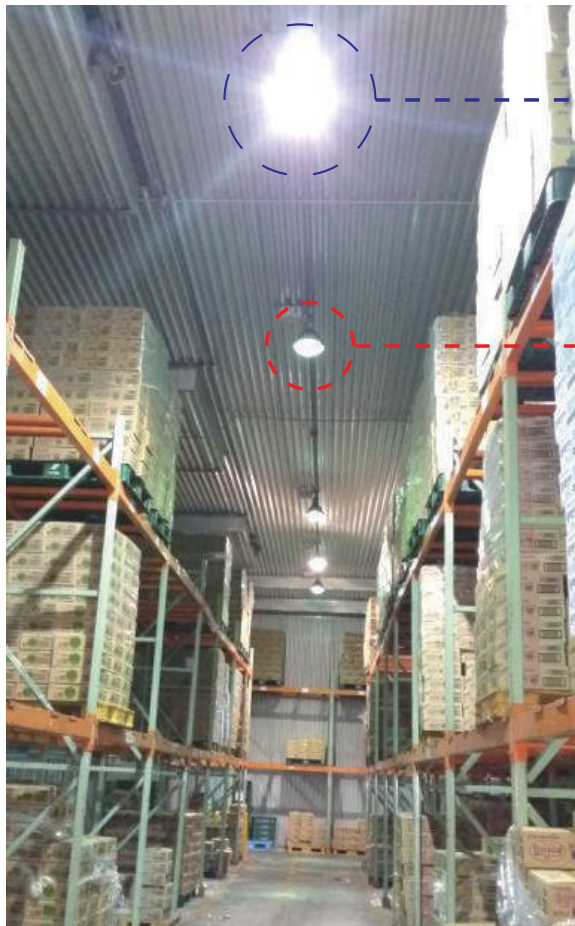


※ Comparison of LED floodlight and metal halide 80w when replacing LED lighting

Place of installation: coldstorage 7m heigh_binggrae_kyungsan-si_kyungbook_korea

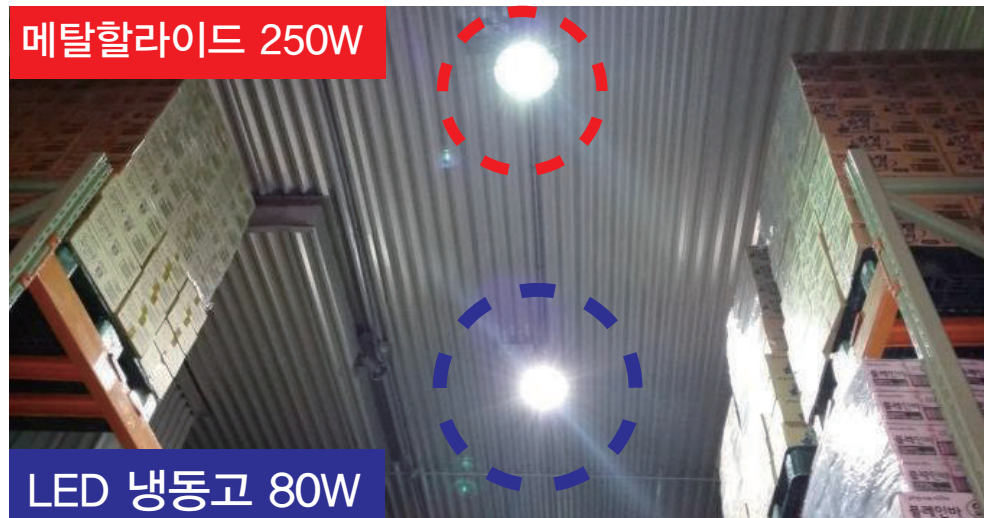
Compare Products: coldstorage LED 80w VS Metal halide 250W

Result: More light than metal halide 250W



LED Coldstorage 80W

Metal halide 250W



메탈할라이드 250W

LED 냉동고 80W

STELLON Brightly anywhere

어디서나 우리에게 빛을
밝혀주는 마음으로...



LED special lighting Manufacturer

Day of establishment	2010. 12. 29
CEO	Kim seung
Adress	1gongdan-ro 86-21 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 seafood
- Shinchunji food
- Seowon coldstorage
- Samsung storage
- Backmi food
- Hemarkum
- SS food
- Hwasung food
- Shinhan fish
- Sewon electric
- Sangil coldstorage
- Bookyung coldstorage
- Hanwoomool
- Jeidy