

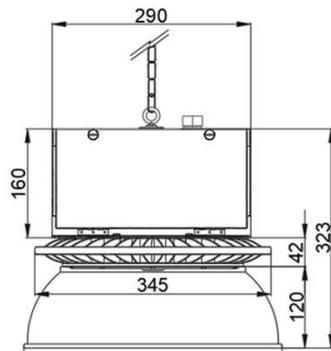
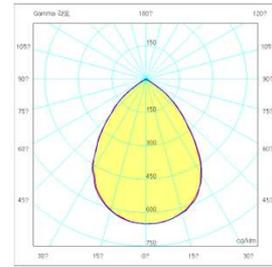
# **TAEYOUNGLS LED LIGHTING LED FLOOD LIGHT PROPOSAL**

산업용 DC 투광 조명 등기구 ( 200W / 80W )

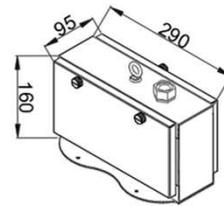
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□ <b>01</b>	200W 등기구 SPECIFICATION / 시험성적서 .....	01 - 02 Page
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□ <b>03</b>	구성품 SPECIFICATION .....	05 - 08 Page
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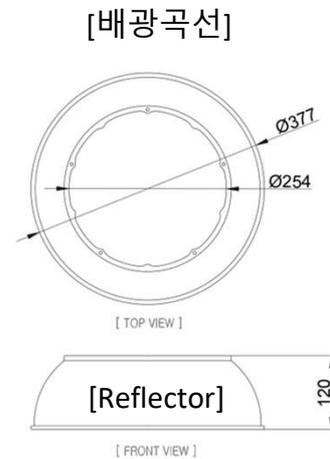
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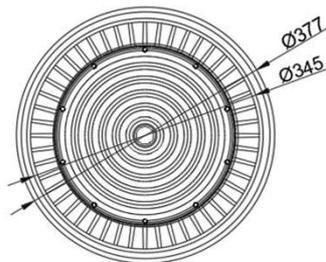
[FRONT VIEW]



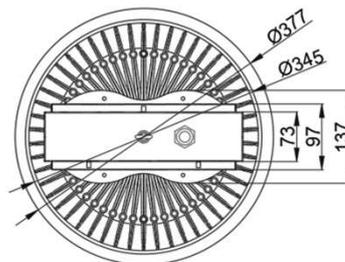
[ACU BOX]



[배광곡선]



[TOP VIEW]



[BACK VIEW]

FLOOD LIGHT 200W	
SIZE	Ø345 x H42 ( 후드 포함 Ø377 x H323 )
WATT	200W / 78° / 5,000K
MATERIAL	AL-DIECASTING / PC
CONVERTER	DC 80V, 200W 2CH / W173mm x D80mm
LED CHIP	LED 0.5W ( 384 EA ) 서울반도체 STW8C12C-E0
lm	27071.9 lm
lm / W	135.18 lm/W

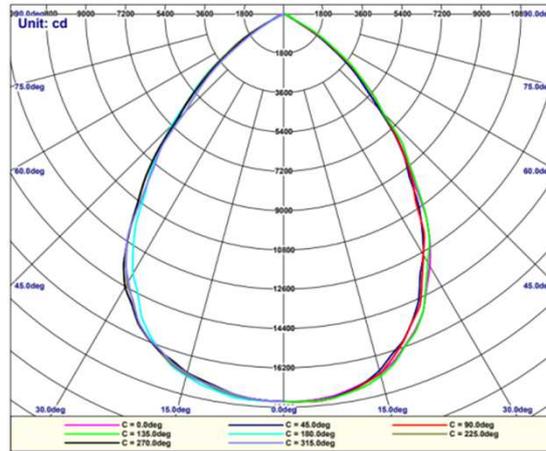
## 시험결과

시험 항목	단위	시험결과
입력 전압	V	80.0
입력 전류	A	2.509
소비 전력	W	200.72
광속	lm	29 390.0
광효율	lm/W	146.4
지향각	°	78.3

비고 : 신청자의 요청에 따라 30 분 안정화 후 측정 된 결과임.

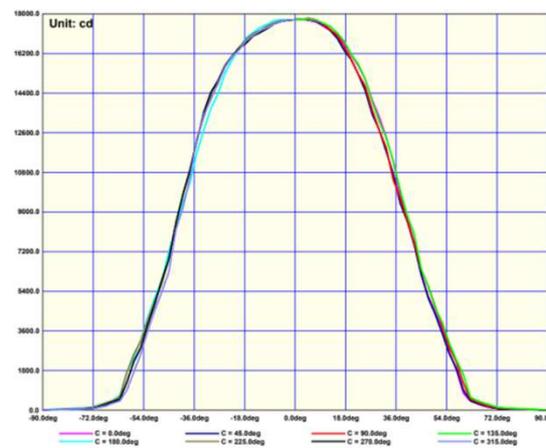
### 첨부 2. 배광곡선

[Polar Luminous Intensity Distribution ]



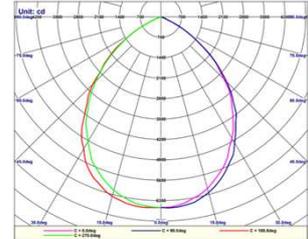
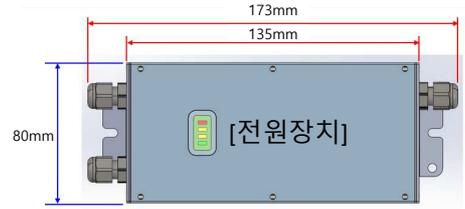
Luminous intensity values are shown radially from centre.  
Elevation angle values are shown around the outside of the graph.

[Cartesian Luminous Intensity Distribution ]

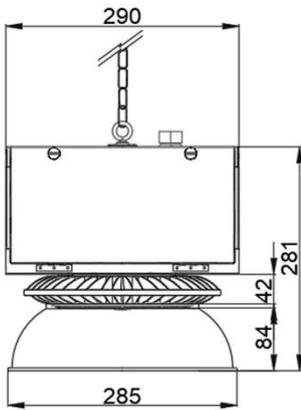


Luminous intensity values are shown on the vertical axis.  
Elevation angle values are shown on the horizontal axis.

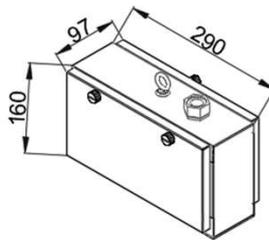
[ 80W ]



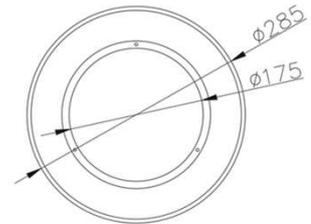
[배광곡선]



[FRONT VIEW]



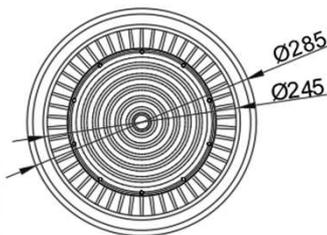
[ACU BOX]



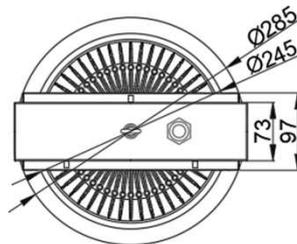
[ TOP VIEW ]



[ FRONT VIEW ]



[TOP VIEW]



[BACK VIEW]

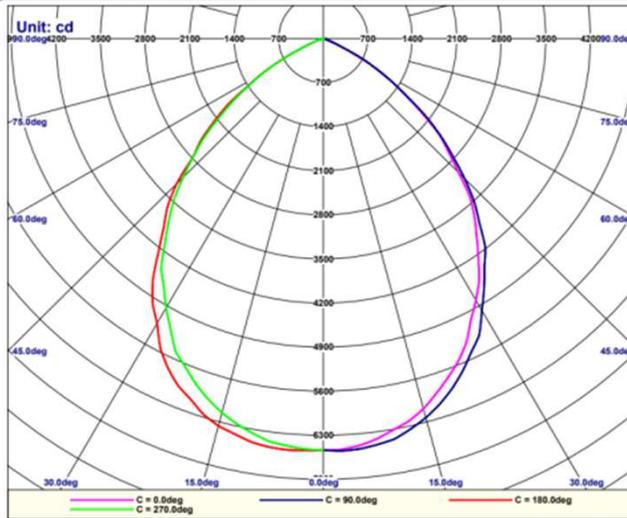
FLOOD LIGHT 80W	
SIZE	Ø245 x H42 ( 후드 포함 Ø285 x H281 )
WATT	80W / 88° / 5,000K
MATERIAL	AL-DIECASTING / PC
CONVERTER	DC 80V, 80W 2CH / W173mm x D80mm
LED CHIP	LED 0.5W ( 160 EA ) 서울반도체 STW8C12C-E0
lm	12069 lm
lm / W	157.6 lm/W

## 시험결과

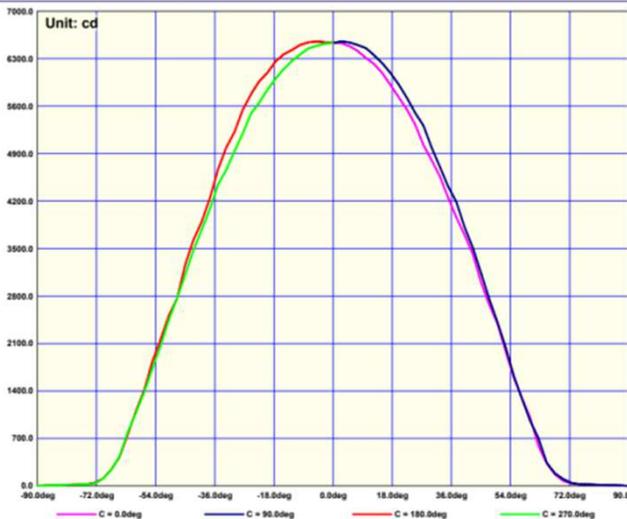
시험 항목	단위	시험결과	비고
입력 전압	V	80.0	신청자의 요청에 따라 30 분 안정화 후 측정된 결과임.
입력 전류	A	0.957	
소비 전력	W	80.56	
광속	lm	12 069.0	
광효율	lm/W	157.6	
지향각	°	88.4	

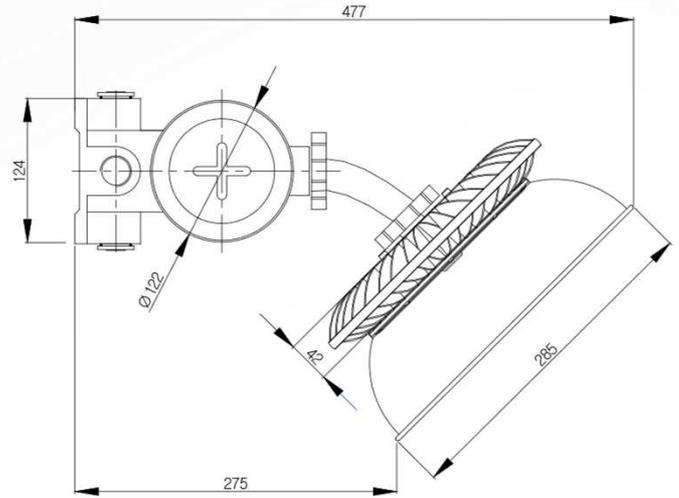
### 첨부 1. 배광곡선

#### 1. Polar Luminous Intensity Distribution

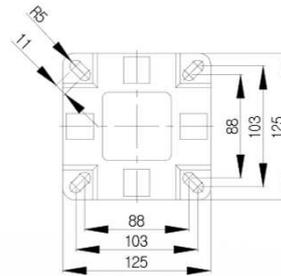
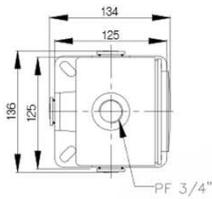


#### 2. Cartesian Luminous Intensity Distribution

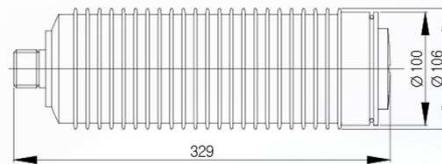
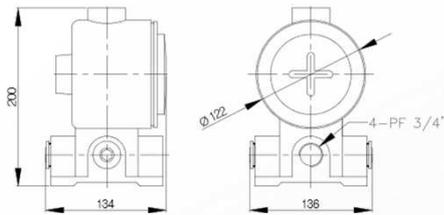




[ 브라켓 결합도 ]

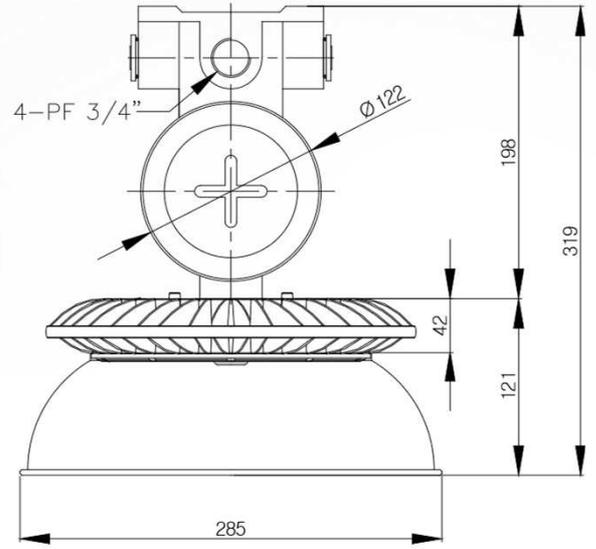


[ Mounting Box 타공 ]

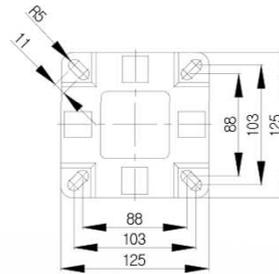
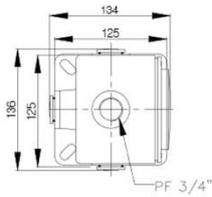


[ Mounting Box ]

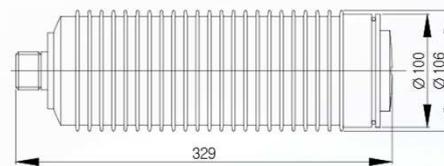
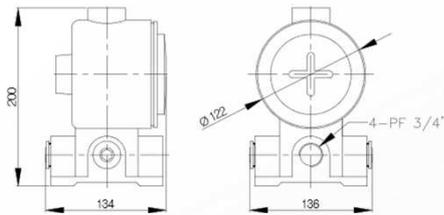
	80 W	200 W
SIZE	Ø250 x H173	Ø350 x H20
WATT	80W / 88° / 5,000K	200W / 78° / 5,000K
MATERIAL	AL-DIECASTING / PC	
CONVERTER	DC 80V, 80W 2CH / W173mm x D80mm	DC 80V, 200W 2CH / W173mm x D80mm
LED CHIP	LED 0.5W ( 160 EA ) 서울반도체 STW8C12C-E0	LED 0.5W ( 384 EA ) 서울반도체 STW8C12C-E0
lm	12069 lm	27071.9 lm
lm / W	157.6 lm/W	135.18 lm/W



[ 브라켓 결합도 ]

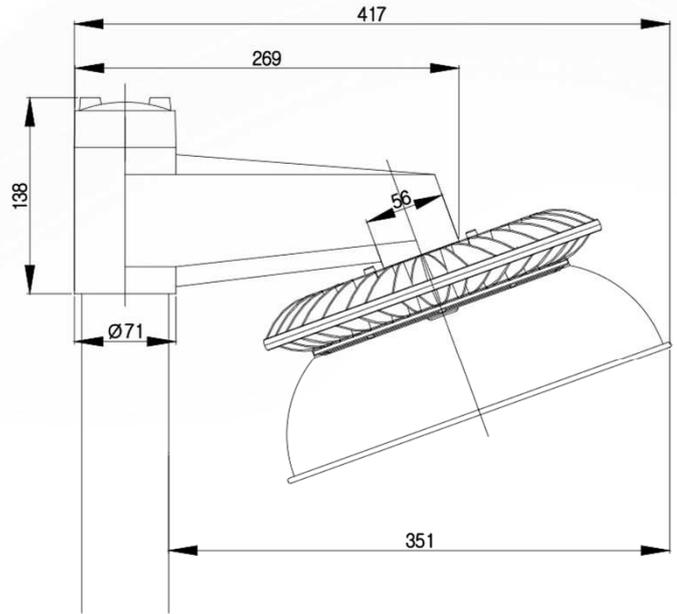


[ Mounting Box 타공 ]

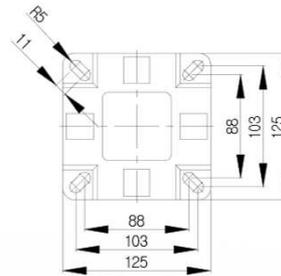
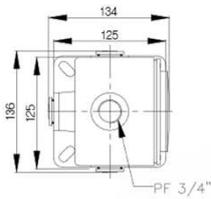


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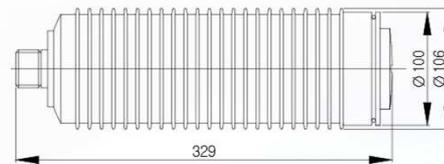
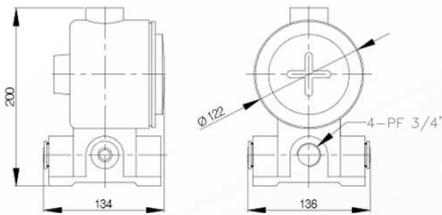
	80 W	200 W
SIZE	Ø250 x H173	Ø350 x H20
WATT	80W / 88° / 5,000K	200W / 78° / 5,000K
MATERIAL	AL-DIECASTING / PC	
CONVERTER	DC 80V, 80W 2CH / W173mm x D80mm	DC 80V, 200W 2CH / W173mm x D80mm
LED CHIP	LED 0.5W ( 160 EA ) 서울반도체 STW8C12C-E0	
lm	12069 lm	27071.9 lm
lm / W	157.6 lm/W	135.18 lm/W



[ 브라켓 결합도 ]

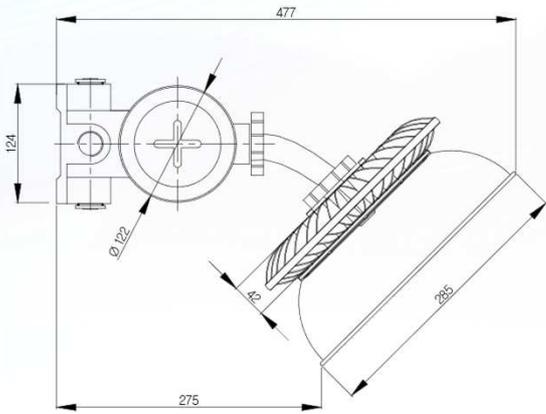


[ Mounting Box 타공 ]

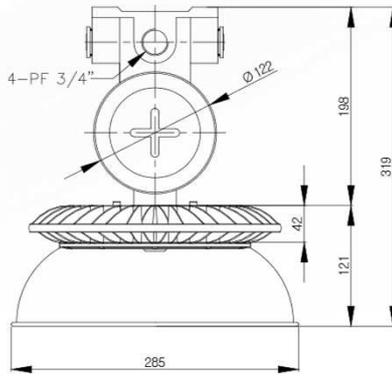


[ Mounting Box ]

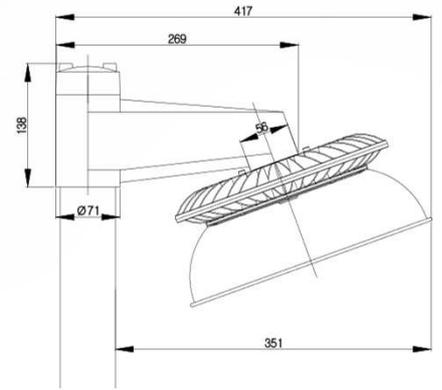
	80 W	200 W
SIZE	Ø250 x H173	Ø350 x H20
WATT	80W / 88° / 5,000K	200W / 78° / 5,000K
MATERIAL	AL-DIECASTING / PC	
CONVERTER	DC 80V, 80W 2CH / W173mm x D80mm	DC 80V, 200W 2CH / W173mm x D80mm
LED CHIP	LED 0.5W ( 160 EA ) 서울반도체 STW8C12C-E0	LED 0.5W ( 384 EA ) 서울반도체 STW8C12C-E0
lm	12069 lm	27071.9 lm
lm / W	157.6 lm/W	135.18 lm/W



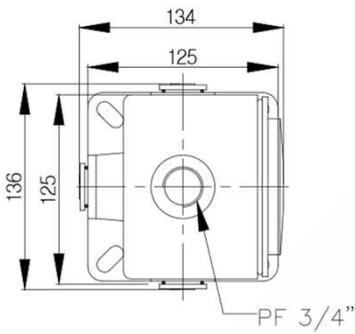
[ Bracket Type ]



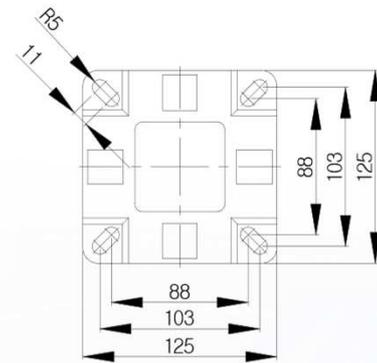
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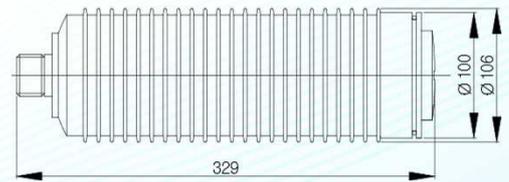
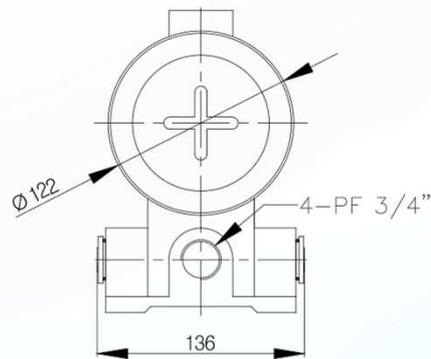
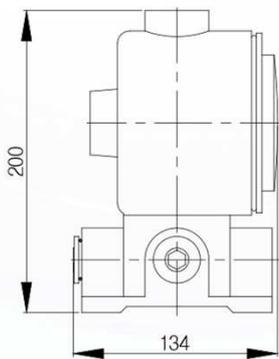
[ Pole Type ]



[ Mounting Box 1 ]



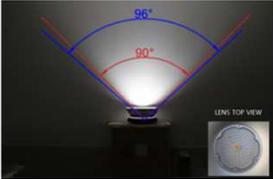
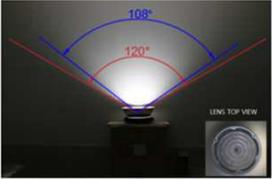
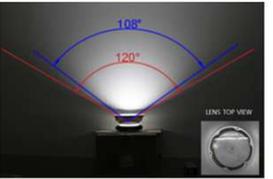
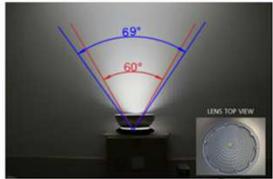
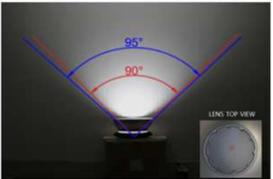
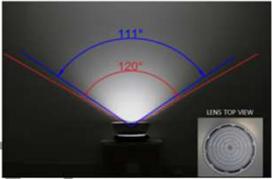
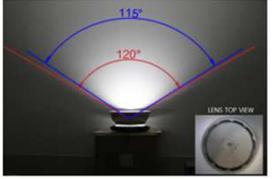
[ Mounting Box Hole Size ]



[ Mounting Box 2 ]

# 04 FLOOD LIGHTING

## A . BEAM ANGLE TEST

	60 °	90 °	120°-링타입	120°-평판타입
80W				
200W				

— 렌즈 빔각도  
— 광원 사진으로 실측 각도

	60 °	90 °	120°-링타입	120°-평판타입
80W				
200W				

1. 천장에 고정 브라켓 설치



천장에 드릴 등 공구를 이용하여 고정 브라켓을 단단히 설치한다.

2. 체인 연결



설치한 고정 브라켓에 체인을 걸어준다.

3. 등기구 연결 준비



체인의 끝부분을 등기구에 부착된 원형 고리에 연결하고, 전원선과 통신선을 LCU 함 안으로 넣어 결합 후 플렉시블 단자와 연결한다.

4. 전원선 연결 준비



등기구 전선함 커버를 열어 내부 전선 연결 단자를 확인한다.

5. 전원선 연결



가운데 선은 접지선, 붉은선은 (+), 까만선은 (-) 단자에 각각 연결하고, 통신선은 연결 어댑터에 결착한다.

6. 등기구 설치 완료



체인과 전원선이 모두 연결되면, 등기구가 천장에 안정적으로 매달리도록 위치를 조정한다.

