## VICHIDA BRIGHTLY EVERYWHERE

OVS2003 SLIM 50W RECESSED FIOOD LIGHT



We are committeed to provide high performance, high quality, high durability product as a reasonable price that lighting experts wanted. We aim for world best in outdoorlighting and specific object lighting

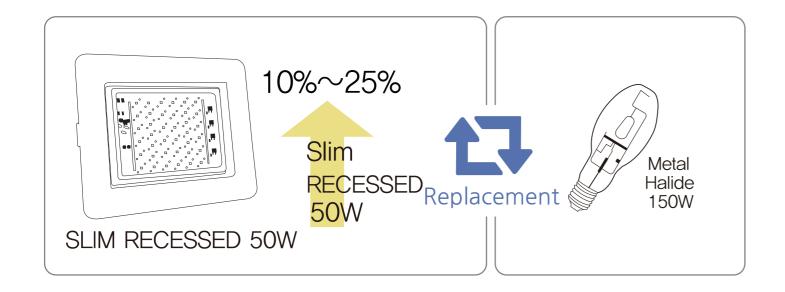


## Strength of product

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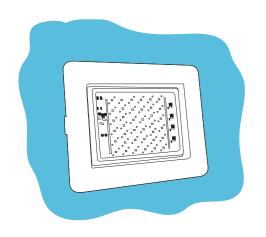
#### 01. SUBSTITUTION FOR METAL HALIDE

- -Possible to replacement with metal halide 150W
- -10%~25% brightness up



#### 02. PERFECT WATERPROOF

- -IP67
- -Related patent
- -Moisture proof, micro dust proof, frozen proof



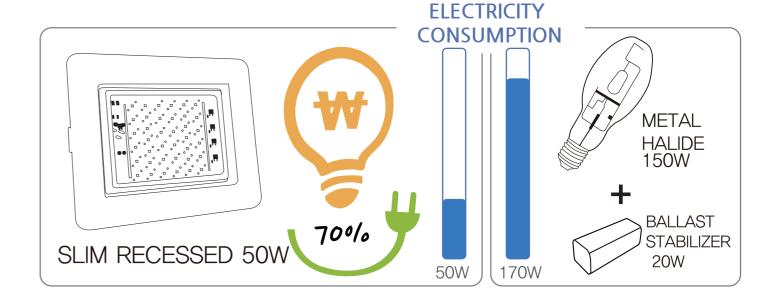






#### 03. SAVING ELECTRICITY COST

-60%~70% electricity cost reduction -Energy saving



# 04. SLIM APPEARANCE & HIGH DURABILITY

- -Indoor location possible structure.
- -3m drop test
- -Constant-current system



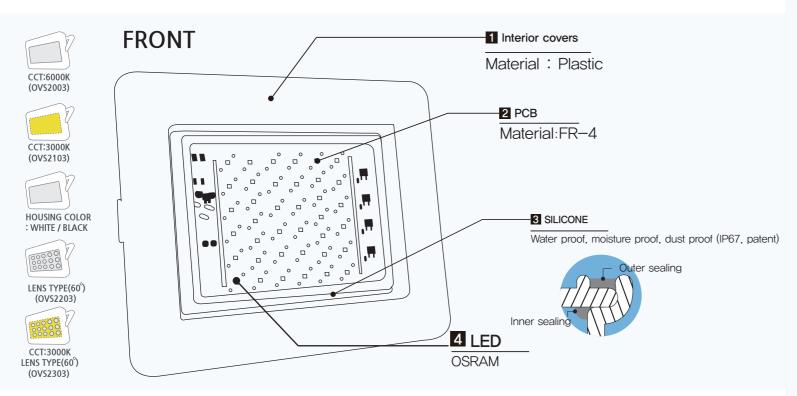
DURABILITY & ELECTRICAL SAFETY TEST VIDEO
: http://www.egmtech.kr/?page\_id=1350&uid=17&mod=document

## OVS2003 Series (SPEC)

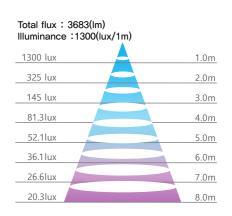
#### **■** Specifications

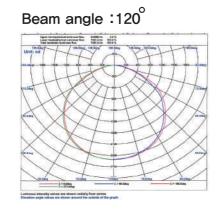
TOTAL FLUX	ILLUMINANCE (1M)	CRI	ССТ
3,683(Im)	1,300(lux)	OVER 75	6000K

IP LEVEL	WEIGHT	OPEATING TEMPERATURE	POWER CONSUMPTION	INPUT VOLTAGE	POWER FACTOR
IP67	1 Kg	-50~55°C	50W	AC220V (210V~270V)	OVER 0.9



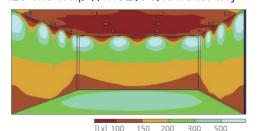
## ■ Light Distribution & Cone Lux Levels



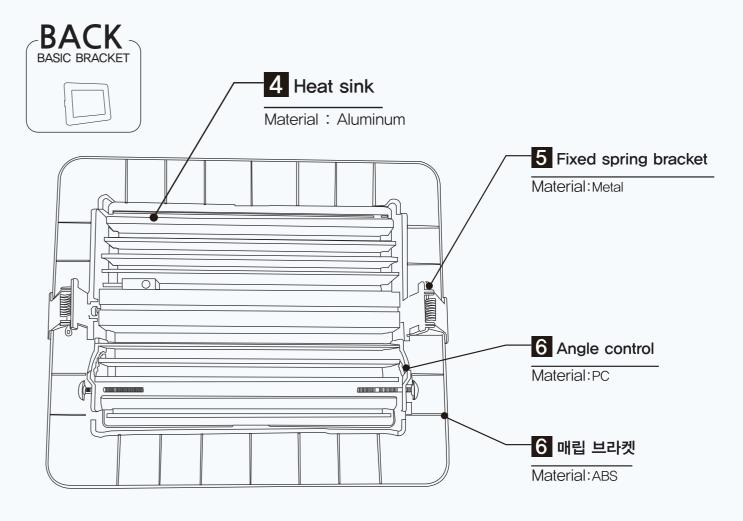


## ■ INSTALLATION SIMULATION

Model:OVS2000 Amount:16EA WidthXheight:9X9 Install height:5M Averge illumination:340lx IES file:http://me2.do/xm8t8Awi

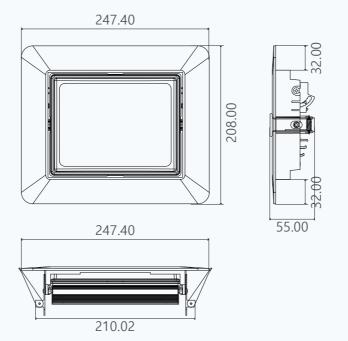


## OVS2003 Series (STRUCTURE)



#### **■** Dimension

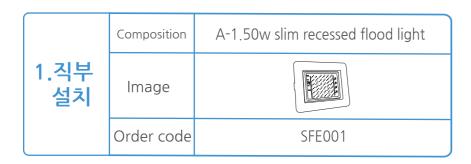
\* 247 4X208X55



#### ■ MAX MINI Hall standards



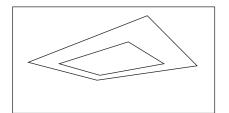
## Packing



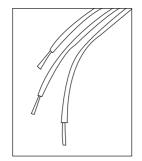
#### Setting up of the detailed way

#### A.Recessed type

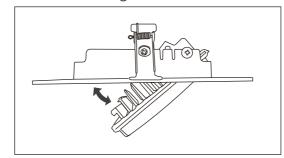
1) To cut to size cutiing size



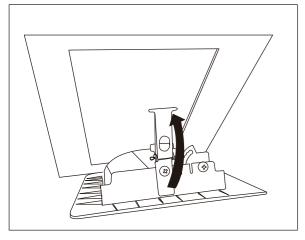
② Wire work (L,N,Grounding)



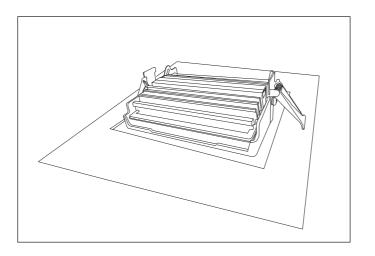
③ Angle control check (Angle is tilted only one way) Max:30 degrees

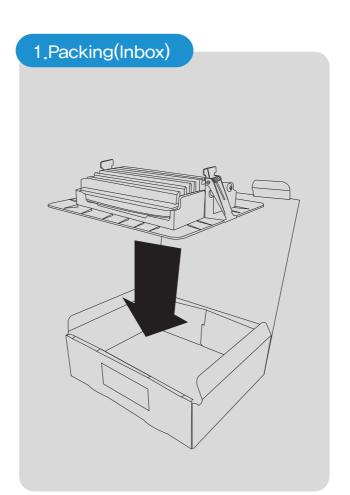


4 Open oneway direction fixed bracket after installation

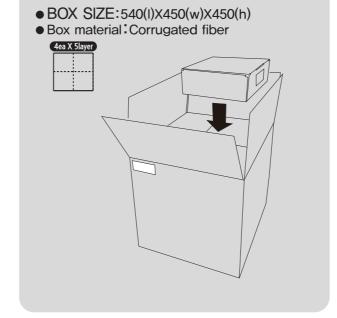


⑤ installed(To see the inside when installed)



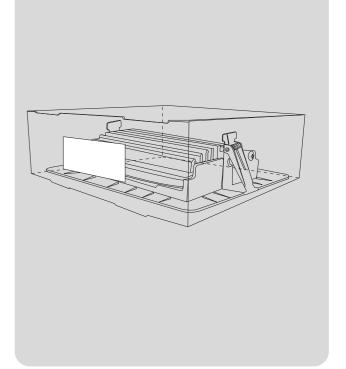


3.Out box size



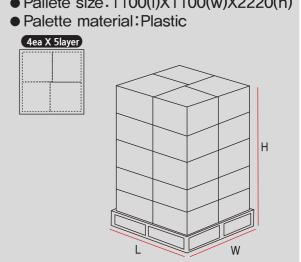
2.Inbox size

● BOX SIZE:150(I)X125(w)X125(h)



4. Pallete loading

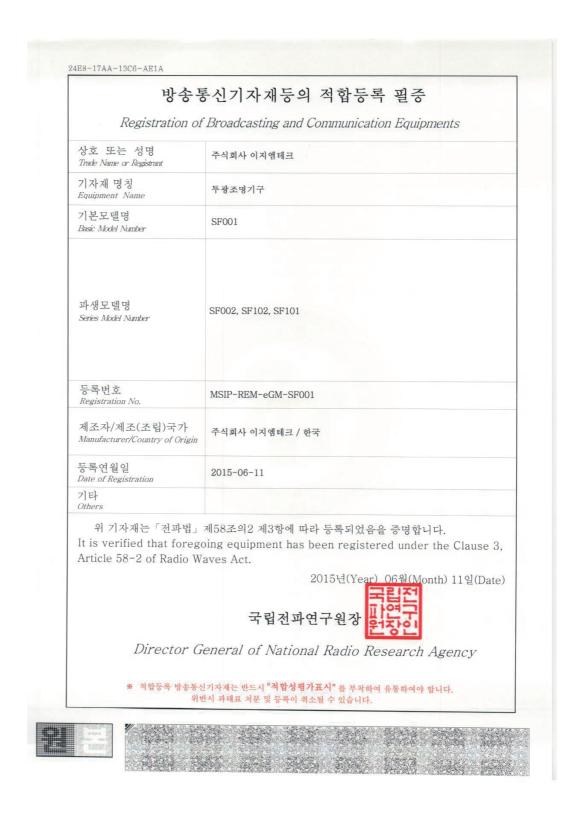
● Pallete size:1100(I)X1100(w)X2220(h)



### Certification



### Certification



## Certification

	RONEA TESTIN	G & RESEARCH INSTITUTE		l 달서구 성서4차첨단로 122-11	
제KCC201	5-1424호				
		전자파적합성(EN	/IC)시험성적	서	
	상 호	주식회사 이지엠테크			
신	성 명	김승훈	사업자등록번호	513-81-61574	
청 인	주 소	경상북도	경상북도 구미시 1공단로2길 13 (공단동)		
	전화번호	054-473-9420	팩스번호	054-474-9420	
시	명 칭		투광조명기구		
험 기	형 명	SF001	제조번호	_	
7	제 조 자	주식회사 이지엠테크	제조국가	한국	
~	d 수 일		2015년 06월 08일		
시	험 기 간	2015년 06월	월 09일 ~ 2015년 0	06월 11일	
제	품 규 격	■ 전자파 장해 : KN15(2011	1.09) ■ 전자파	내성 : KN61547(2012.06)	
시	험 결 과	■ 적합			
	시험자		확인자		
	250	Fit.	03	~3	
	(시험원) 노	동원	(기술책임기	The second secon	
	방	등통신기자재등 시험기관의	지정 및 관리에 관힌	· 고시	
	,	테13조의 규정에 의하여 시험	점성적서를 발급합니	다.	
		2015년 06월	11일		
		한국화학용	합시험연구원장		
		KOREA TESTING	& RESEARCH INSTRUCES	100	
	적합등록 방송	송통신기자재는 "적합성평가표	위변조 확 E시"를 부착하여 유통:	인용 QR 코드 <b>교통하</b> 하여야 한니다	
		위반 시 과태료 처분 및 인증	이 취소될 수 있습니다	t.	
시험성적	서의 결과는 시험을	실시한 제품에 한합니다.			
급번호 :	제KCC2015-1424호			페이지: 1 / 48	

## Test result

	TEST	TEST condition	Sample qty / Defect qty	Remark
1 Water		□. Check the normal operating after put in water tank For 1 week(9hr on / 15hr off per 1 cycle).	5 / 0	
	·	□. Check the moisture permeation after waterproof test and disassemble inside.	5 / 0	
2 Aging test		□. Check the product condition after aging for 120hours under the rated voltage and room temperature.	5 / 0	
	Aging test	□. Check the illuminance value fluctuation range after 4hours aging, and 120 hours aging.	5 / 0	
		□ Check the discolor, defect of PCB, PC Cover and any other part.	5 / 0	
3	Applied electric test under high/low temperature	□. Check the normal operating after test under 60°C and -50°C per 120hours.	5/0	
4	EMI test	□. Check the pass of KC standard with conduction and radiation.	5 / 0	
5	Surge test	□. Check the normal operating under the 5KV, 10KV electric current.	5 / 0	
6	Drop test	□. Check the crack or any other damage after drop from 2M height.	5 / 0	
7	Input rated voltage test	□. 220V product : Check the normal operating on 210V ~240V (sustainment time : 2hours)	5 / 0	
8	Temporary over voltage test	□. Check the normal operating under over 30% of rated voltage within 3 sec.	5 / 0	
9	Over voltage test	□. Check the normal operating under over 20% of rated voltage.(20 hours lasts under AC290V)	5 / 0	
10	Converter inside	□. Check the converter inside temperature after 5 hours aging under room temperature, and record it.(MAX temperature)	5 / 0	
11	Component temperature	□. Check the most hottest part of temperature, and record it.(measure it after 3 hours power on)	5 / 0	

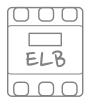
#### Caution

### Notice for using products



-Do not remodel or disassemble the product arbitrarily.

(You can not get A/S when arbitrarily)



-Please be sure to install in where circuit breaker in installed



-Please be sure to install at power off.

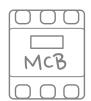


 -Do not touch the product during the light on for a long time.



-Please do not look light directly when light on.

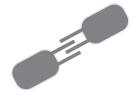
## Checklist for product problem



-If LED doesn't light on, please check the power circuit breaker



-Make sure the power switch is set to ON.



-If the product does not light up after power on, please check the power cable contact status.



-When the product have problem, do not disassemble the product arbitrarily, and ask to store which you bought.

(You can not get A/S when arbitrarily disassemble)



If product has trouble caused by natural disaster like thunderbolt or surge, you can not get free A/S. (It need cost for A/S)