

Indoor  
Rigid light

LVV

Luci Vivoxy Graze 





88 Cove Drive, Sentosa House  
Location: Singapore  
Interior Design: Studio MK27  
Lighting Design: SWITCH



TOTO Headquarters office building, Jakarta  
Location: Indonesia  
Lighting Design: Lumina Group



# Luci Vivoxy Graze

Wall grazing light to beautifully accentuate wall elements with new and powerful high CRI LED  
Original optical lens with less scalloping and applicable for wide range of offset distances

Selectable brightness by choosing different output from constant current driver

## Specifications

### Dimensions

Cross section	W 27xH 24 mm		
Length	4 types of fixed length		
	1200	900	
	600	300	

### Color temperature

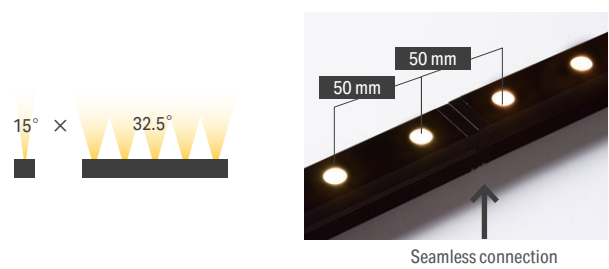


Ra 90  
**NEW** Upgraded to High CRI and brighter LED Package

### Electrical & Output

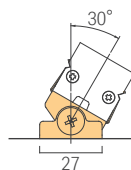
Input current	700 mA	500 mA	350 mA
Power Consumption (W/m)	38.9	27.8	18.9
Luminous flux @ 3000K (lm/m)	3485	2609	1876

### Optics

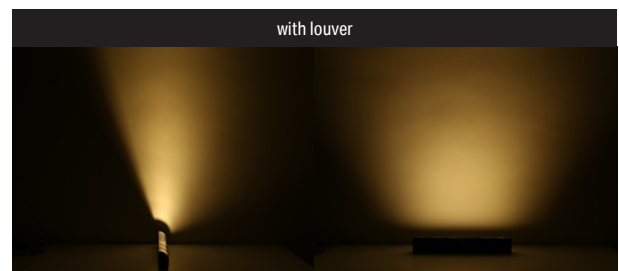
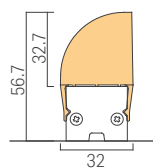


### Accessories

#### Adjustable mounting fixture



#### Anti glare louver



### Project reference





only L22

Color management  
MacAdam

Color management  
ANSI BIN



3 years warranty

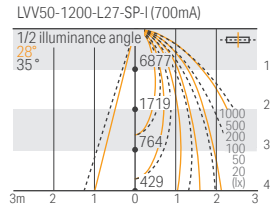
- For grazing light with spread lens 15° x 32° with High CRI LED
- 3 different brightness by choosing 350mA, 500mA or 700mA C.C driver
- Adjustable bracket and louver is available

Model No.

**LVV50** - [ ] [ ] [ ] [ ] - [ ] - **SP** - **I**

Product Name / LED pitch	Length	Light source color	Beam angle	Environment
LVV50 : 50mm pitch	0300 0600 0900 1200	N : Natural white W : White WW : Warm white 3500K L30 : Warm white 3000K L27 : Warm white 2700K L22 : Warm white 2200K	SP: 15°×32.5°	I : Indoors

Light Intensity Refer to P.102



### Specification

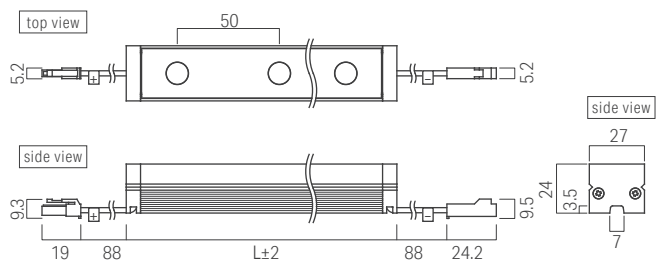
Length	0300			0600			0900			1200		
Model No.	LVV50-0300-[ ]-SP-I			LVV50-0600-[ ]-SP-I			LVV50-0900-[ ]-SP-I			LVV50-1200-[ ]-SP-I		
Rated input current	700mA	500mA	350mA	700mA	500mA	350mA	700mA	500mA	350mA	700mA	500mA	350mA
Power consumption (Max.)	12W	8W	6W	24W	17W	11W	35W	25W	17W	47W	33W	23W
Power consumption (Max.) L22	13W	9W	6W	26W	18W	12W	38W	27W	18W	51W	36W	24W
Fitting length(L)	300mm			600mm			900mm			1200mm		
Weight	180g			360g			540g			720g		
Luminaire efficacy(2700K)	83.4 lm/W@700mA			83.4 lm/W@700mA			83.4 lm/W@700mA			83.4 lm/W@700mA		
Light source color	○ = Device inventory * = Equivalent											
Rated input current	700mA	500mA	350mA	700mA	500mA	350mA	700mA	500mA	350mA	700mA	500mA	350mA
D 7100K	-	-	-	-	-	-	-	-	-	-	-	-
N 5000K Ra90	○ 1258 lm*	○ 942 lm*	○ 677 lm*	○ 2517 lm*	○ 1884 lm*	○ 1354 lm*	○ 3775 lm*	○ 2826 lm*	○ 2031 lm*	○ 5034 lm	○ 3769 lm	○ 2708 lm
W 4000K Ra92	○ 1244 lm*	○ 941 lm*	○ 670 lm*	○ 2489 lm*	○ 1881 lm*	○ 1339 lm*	○ 3733 lm*	○ 2822 lm*	○ 2009 lm*	○ 4977 lm	○ 3762 lm	○ 2678 lm
WW 3500K Ra92	○ 1163 lm*	○ 871 lm*	○ 626 lm*	○ 2326 lm*	○ 1741 lm*	○ 1252 lm*	○ 3489 lm*	○ 2612 lm*	○ 1877 lm*	○ 4652 lm	○ 3483 lm	○ 2503 lm
L30 3000K Ra92	○ 1046 lm*	○ 783 lm*	○ 563 lm*	○ 2091 lm*	○ 1566 lm*	○ 1125 lm*	○ 3137 lm*	○ 2348 lm*	○ 1688 lm*	○ 4183 lm	○ 3131 lm	○ 2251 lm
L27 2700K Ra94	○ 980 lm*	○ 734 lm*	○ 528 lm*	○ 1961 lm*	○ 1468 lm*	○ 1055 lm*	○ 2941 lm*	○ 2202 lm*	○ 1583 lm*	○ 3921 lm	○ 2936 lm	○ 2110 lm
L22 2200K Ra 82	○ 802 lm*	○ 600 lm*	○ 432 lm*	○ 1604 lm*	○ 1201 lm*	○ 863 lm*	○ 2406 lm*	○ 1801 lm*	○ 1295 lm*	○ 3208 lm	○ 2402 lm	○ 1726 lm
L19 1900K	-	-	-	-	-	-	-	-	-	-	-	-

Specification may be subject to change without announcement. The optical data provided on the each product pages are for reference only; the data values are not guaranteed. Please use as reference materials for your planning.

### General Specification

Input current	700mA	500mA	350mA
LED beam angle	15°×32.5°		
Environment	Indoors (no condensation)		
Max. length per run*	2.7m (L22: 2.4m)	4.2m (L22: 3.6m)	6m (L22: 5.4m)
Material (body)	Aluminum(black), Polycarbonate		
Attachments	① Mounting fixture 2pcs		
Option parts	① Mounting fixture ② Adjustable mounting fixture ③ Fall prevention mounting fixture ④ Louver ⑤ Joint cable		
Certification	CE		
Dimmable	Yes (0-10V, DALI)		
Power Supplies	Constant current driver is required.		

### External dimensions



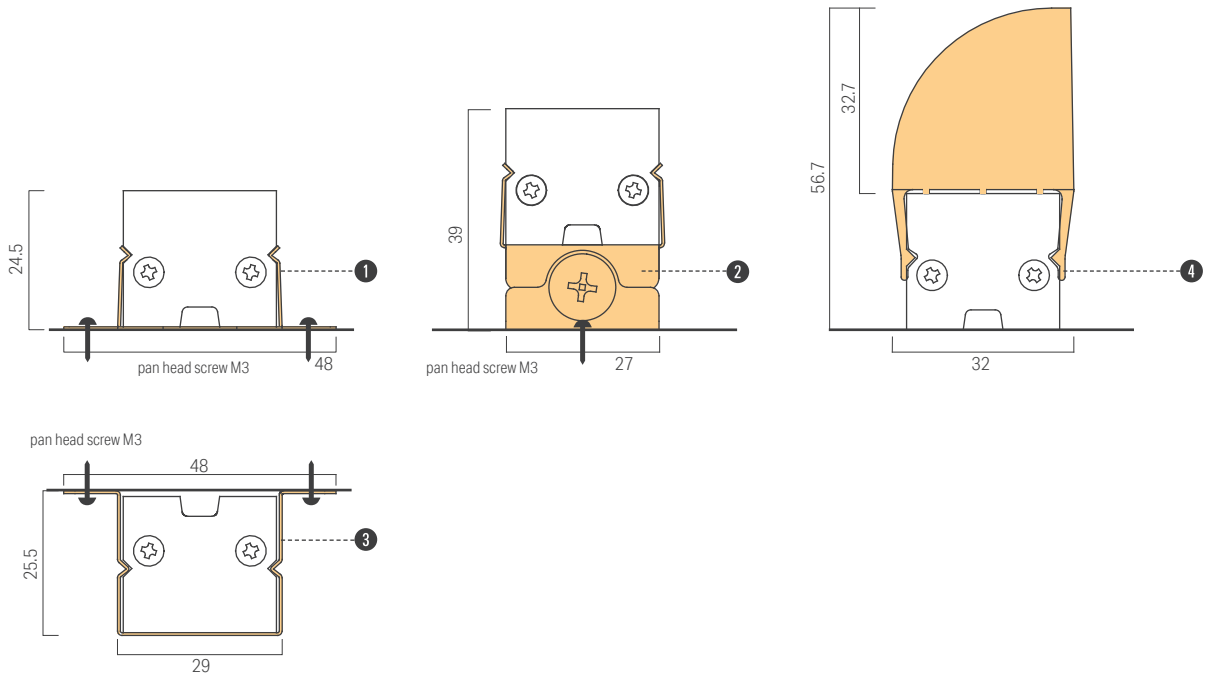
\* The connectable number of luminaires depends on the output voltage of the driver used. Check the instructions in the driver manual.

### Min. and Max. length per run for Meanwell HVGC series

\* A: ON/OFF, B: 0-10V dimming type

Rated current	Meanwell Model No.	Rated wattage	Constant current region	Connectable length range of LVV50
700mA	HVGC-65-700-*	65W	9-93V	0.3-1.2m (L22: 0.3-0.9m)
	HVGC-100-700-*	100W	15-142V	0.6-1.8m (L22: 0.6-1.5m)
	HVGC-150-700-*	150W	21-215V	0.6-2.7m (L22: 0.6-2.4m)
500mA	HVGC-65-500-*	65W	13-130V	0.6-1.8m (L22: 0.3-1.5m)
	HVGC-150-500-*	150W	30-300V	0.9-4.2m (L22: 0.9-3.6m)
350mA	HVGC-65-350-*	65W	18-186V	0.6-2.4m (L22: 0.6-2.1m)
	HVGC-100-350-*	100W	29-285V	0.9-3.9m (L22: 0.9-3.6m)
	HVGC-150-350-*	150W	42-428V	1.2-6.0m (L22: 1.2-5.4m)

## Cross sectional view



## Option parts

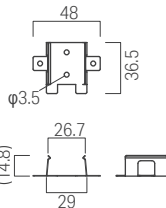
### 1 Mounting fixture for Vivoxy Graze **Attachment**



Model No : LVV-PT-A  
Attached with LED fixture  
2 pcs per LED fixture

For extra order  
1 pc / bag

top view



side view

### 2 Adjustable mounting fixture for Vivoxy Graze

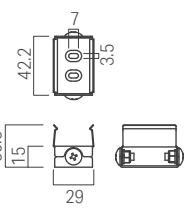


Model No : LVV-PT-B  
1 pc/bag

2 pcs per LED fixture is recommended.

For tilting installation

top view



side view

### 3 Fall prevention mounting fixture for Vivoxy Graze

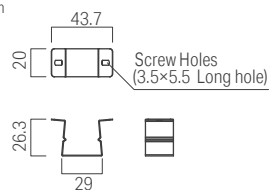


Model No : LVV-PT-C  
1 pcs/1 bag

2 pcs per LED fixture is recommended.

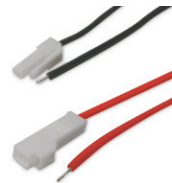
For downward installation

top view



side view

### 5 Joint cable set 5M for Vivoxy Graze **Required**

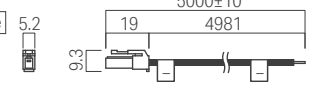


Model No : CAD-5000-SETB-I

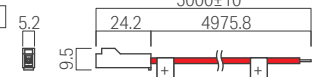
1 pc per circuit for connecting the LED fixture to power supply or dimmer driver.

Red : + , Black : -

Socket side



Plug side



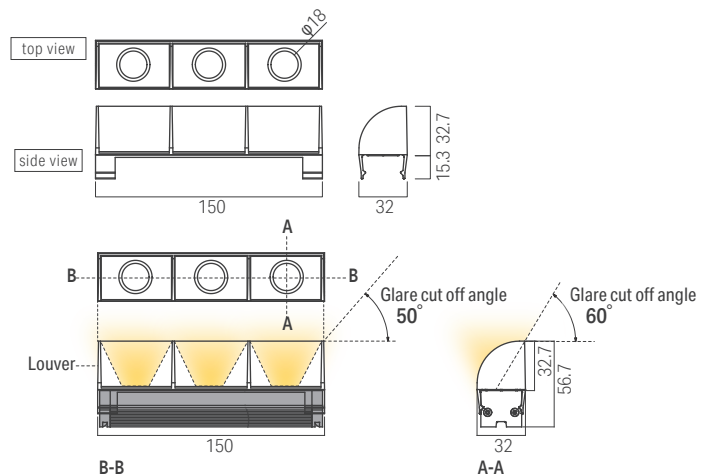
### 4 Louver for Vivoxy Graze



Model No : LVV50-LV0150  
150mmx2 pcs / set

1 set for each 300mm LED fixture.

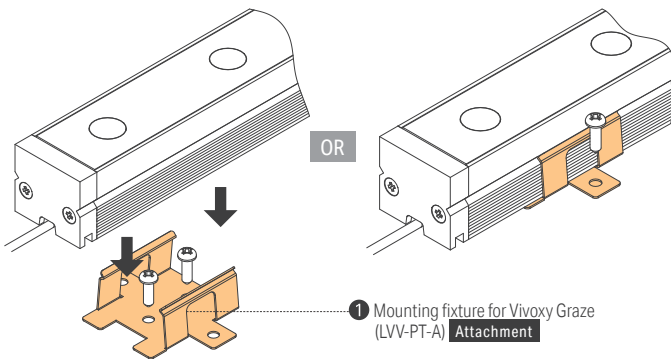
A dedicated louver can be installed on Luci Vivoxy Graze. Direct glare in a parallel or vertical direction against the lighting apparatus can be prevented.



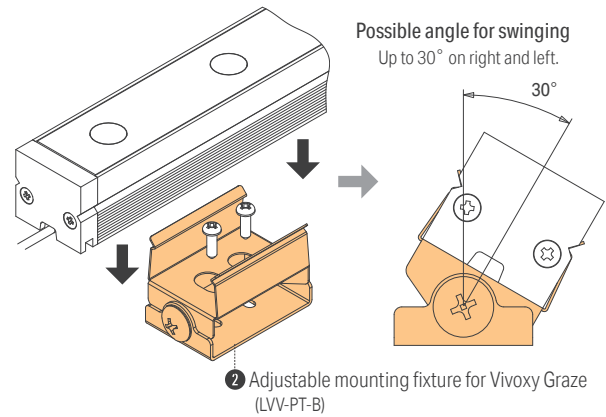
# Vivoxy Graze

## Installing the product

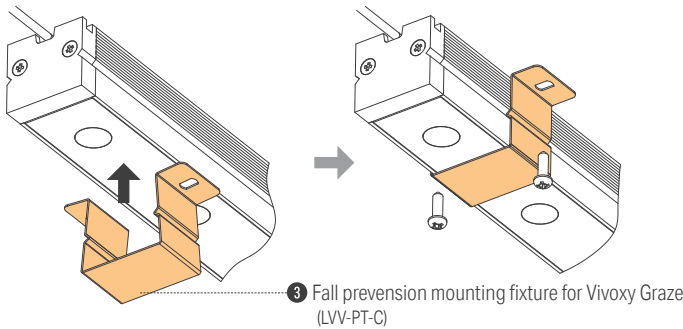
### Mounting fixture installation



### Adjustable fixture installation



### Fall prevention mounting fixture installation



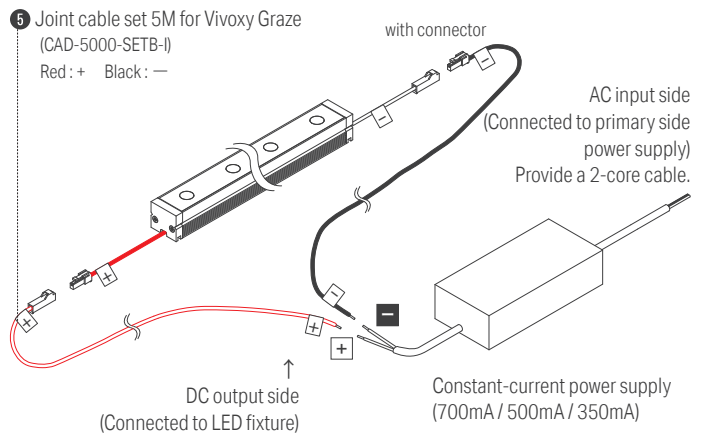
## Connecting to the power supply

- Use appropriate constant current driver according to the length of the LED fixtures.
- Do not split the circuit of LED fixtures into multiple from the driver.
- Connect the RED power supply cable to + (plus) of the driver and the BLACK power supply cable to - (minus) of the driver.
- Use an appropriate signal cable and install it according to the instructions caution of the signal cable installation.

Caution: Ensure that power of drivers is off during connecting the LED fixtures. After confirming that LED fixtures are connected to the driver properly before turning on the main switch.

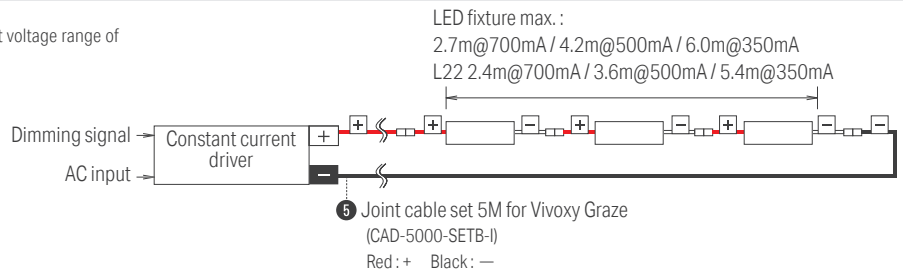
Polarity reversal or wrong procedure of connection, the LED fixture will be damaged due to a high inrush current.

If the driver was turned on before connecting the LED fixtures, turn off the power and wait one or more minutes according to the manual of the driver for releasing the accumulated electricity inside the driver.



## System configuration diagram

- Max. connectable length depends on the wattage and output voltage range of the power supply.
- Max. length per circuit of Luci Vivoxy Graze is,  
2.7 m @ 700 mA  
4.2 m @ 500 mA  
6.0 m @ 350 mA
- L22 2.4m@700mA  
3.6m@500mA  
5.4m@350mA



## Min. and Max. length per run for Meanwell HVGC series

\* A: ON/OFF, B: 0-10V dimming type

Rated current	Meanwell Model No.	Rated wattage	Constant current region	Connectable length range of LVV50
700mA	HVGC-65-700-*	65W	9-93V	0.3-1.2m (L22: 0.3-0.9m)
	HVGC-100-700-*	100W	15-142V	0.6-1.8m (L22: 0.6-1.5m)
	HVGC-150-700-*	150W	21-215V	0.6-2.7m (L22: 0.6-2.4m)
500mA	HVGC-65-500-*	65W	13-130V	0.6-1.8m (L22: 0.3-1.5m)
	HVGC-150-500-*	150W	30-300V	0.9-4.2m (L22: 0.9-3.6m)
350mA	HVGC-65-350-*	65W	18-186V	0.6-2.4m (L22: 0.6-2.1m)
	HVGC-100-350-*	100W	29-285V	0.9-3.9m (L22: 0.9-3.6m)
	HVGC-150-350-*	150W	42-428V	1.2-6.0m (L22: 1.2-5.4m)

## Guide for selecting constant current driver

1) The minimum and maximum voltage of LED fixture must be within the output voltage range of the constant current driver.  
 2) The total wattage of LED fixture including 80% load\*1 must not exceed the wattage capacity of the constant current driver.  
 Please contact us when you have any questions for selecting the constant current driver.  
 Please follow instructions for the power supply and confirm the operation environment conditions including temperature and humidity.  
 Specifications and price are subject to change without prior notification.

Example:	1) Voltage range		2) Power consumption	Connectable or not
C.C driver	Constant Current Region of driver 21V ————— 215V		Rated power of driver 150W	
LVV50 (@700mA)	Min. and Max. voltage range of LED fixture Wattage (inc. 80% load)		Wattage (inc. 80% load)	
L300mm	✗ 12V — 22V ✓		✓ 15W	✗
L600mm	✓ 25V — 43V ✓		✓ 29W	✓
L1800mm	✓ 75V — 130V ✓		✓ 88W	✓
L2700mm	✓ 112V — 194V ✓		✓ 132W	✓
L3000mm	✓ 125V — 216V ✗		✓ 147W	✗
L3300mm	✓ 137V — 238V ✗		✗ 162W	✗

## Min and Max voltage of LED fixture and power consumption (N, W, WW, L30, L27)

Rated input current	700mA				500mA				300mA			
	Fitting length per run (mm)	Min. Voltage	Max. Voltage	Power consumption (@Typ)	Power consumption (@Typ)*80% load *1	Min. Voltage	Max. Voltage	Power consumption (@Typ)	Power consumption (@Max)* 80% load	Min. Voltage	Max. Voltage	Power consumption (@Typ)
300	12V	22V	12W	15W	12V	21V	8W	10W	12V	21V	6W	7W
600	25V	43V	24W	29W	24V	42V	17W	21W	24V	42V	11W	14W
900	37V	65V	35W	44W	37V	64V	25W	31W	36V	63V	17W	21W
1200	50V	86V	47W	59W	49V	85V	33W	41W	48V	84V	23W	28W
1500	62V	108V	59W	74W	61V	106V	41W	52W	60V	104V	28W	35W
1800	75V	130V	71W	88W	73V	127V	50W	62W	72V	125V	34W	43W
2100	87V	151V	82W	103W	86V	149V	58W	72W	84V	146V	40W	50W
2400	100V	173V	94W	118W	98V	170V	66W	83W	96V	167V	45W	57W
2700	112V	194V	106W	132W	110V	191V	74W	93W	108V	188V	51W	64W
3000	125V	216V	118W	147W	122V	212V	83W	103W	120V	209V	57W	71W
3300	137V	238V	129W	162W	135V	234V	91W	113W	132V	230V	62W	78W
3600	150V	259V	141W	176W	147V	255V	99W	124W	144V	251V	68W	85W
3900	162V	281V	153W	191W	159V	276V	107W	134W	156V	271V	74W	92W
4200	175V	302V	165W	206W	171V	297V	116W	144W	168V	292V	79W	99W
4500	187V	324V	176W	221W	184V	319V	124W	155W	180V	313V	85W	106W
4800	200V	346V	188W	235W	196V	340V	132W	165W	192V	334V	91W	113W
5100	212V	367V	200W	250W	208V	361V	140W	175W	204V	355V	96W	120W
5400	225V	389V	212W	265W	220V	382V	149W	186W	216V	376V	102W	128W
5700	237V	410V	223W	279W	233V	404V	157W	196W	228V	397V	108W	135W
6000	250V	432V	235W	294W	245V	425V	165W	206W	240V	418V	113W	142W

## Min and Max voltage of LED fixture and power consumption (L22)

Rated input current	700mA				500mA				300mA			
	Fitting length per run (mm)	Min. Voltage	Max. Voltage	Power consumption (@Typ)	Power consumption (@Typ)*80% load *1	Min. Voltage	Max. Voltage	Power consumption (@Typ)	Power consumption (@Max)* 80% load	Min. Voltage	Max. Voltage	Power consumption (@Typ)
300	13V	24V	13W	16W	13V	24V	9W	11W	12V	23V	6W	8W
600	26V	49V	26W	32W	26V	48V	18W	23W	25V	47V	12W	15W
900	40V	73V	38W	48W	39V	72V	27W	34W	37V	70V	18W	23W
1200	53V	98V	51W	64W	52V	96V	36W	45W	50V	94V	24W	30W
1500	66V	122V	64W	80W	65V	121V	45W	56W	62V	117V	30W	38W
1800	79V	147V	77W	96W	78V	145V	54W	68W	75V	140V	37W	46W
2100	92V	171V	90W	112W	91V	169V	63W	79W	87V	164V	43W	53W
2400	106V	196V	102W	128W	104V	193V	72W	90W	100V	187V	49W	61W
2700	119V	220V	115W	144W	117V	217V	81W	101W	112V	211V	55W	69W
3000	132V	245V	128W	160W	130V	241V	90W	113W	125V	234V	61W	76W
3300	145V	269V	141W	176W	143V	265V	99W	124W	137V	257V	67W	84W
3600	158V	294V	154W	192W	156V	289V	108W	135W	150V	281V	73W	91W
3900	172V	318V	167W	208W	168V	314V	117W	146W	162V	304V	79W	99W
4200	185V	343V	179W	224W	181V	338V	126W	158W	175V	328V	85W	107W
4500	198V	367V	192W	240W	194V	362V	135W	169W	187V	351V	91W	114W
4800	211V	392V	205W	256W	207V	386V	144W	180W	200V	374V	97W	122W
5100	224V	416V	218W	272W	220V	410V	153W	191W	212V	398V	104W	129W
5400	238V	441V	231W	288W	233V	434V	162W	203W	225V	421V	110W	137W
5700	251V	465V	243W	304W	246V	458V	171W	214W	237V	445V	116W	145W
6000	264V	490V	256W	320W	259V	482V	180W	225W	250V	468V	122W	152W

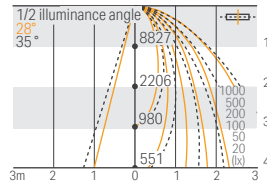
# Vivoxy Graze

## Illuminance data

### 700mA

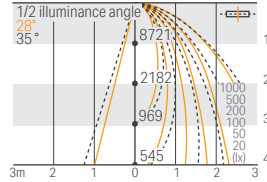
#### LVV50-1200-N-SP-I

Light source color 4000K  
 Brightness 8827 cd  
 Luminous flux 5034 lm  
 Color rendering index Ra 90



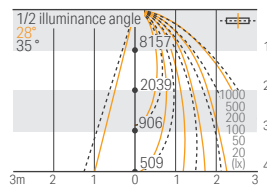
#### LVV50-1200-W-SP-I

Light source color 4000K  
 Brightness 8721 cd  
 Luminous flux 4978 lm  
 Color rendering index Ra 92



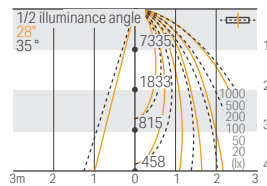
#### LVV50-1200-WW-SP-I

Light source color 3500K  
 Brightness 8157 cd  
 Luminous flux 4652 lm  
 Color rendering index Ra 92



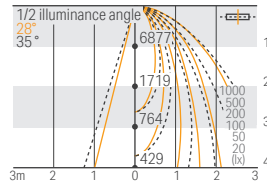
#### LVV50-1200-L30-SP-I

Light source color 3000K  
 Brightness 7335 cd  
 Luminous flux 4183 lm  
 Color rendering index Ra 92



#### LVV50-1200-L27-SP-I

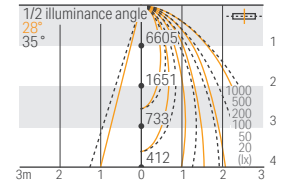
Light source color 2700K  
 Brightness 6877 cd  
 Luminous flux 3922 lm  
 Color rendering index Ra 94



### 500mA

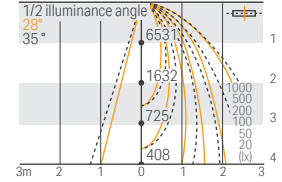
#### LVV50-1200-N-SP-I

Light source color 4000K  
 Brightness 6605 cd  
 Luminous flux 3769 lm  
 Color rendering index Ra 90



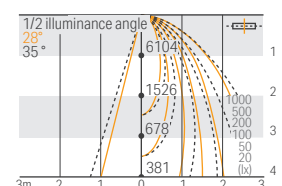
#### LVV50-1200-W-SP-I

Light source color 4000K  
 Brightness 6531 cd  
 Luminous flux 3727 lm  
 Color rendering index Ra 92



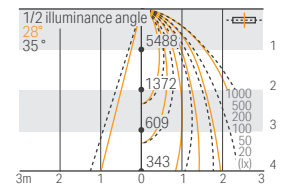
#### LVV50-1200-WW-SP-I

Light source color 3500K  
 Brightness 6401 cd  
 Luminous flux 3483 lm  
 Color rendering index Ra 92



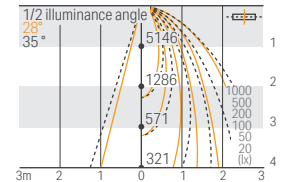
#### LVV50-1200-L30-SP-I

Light source color 3000K  
 Brightness 5488 cd  
 Luminous flux 3132 lm  
 Color rendering index Ra 92



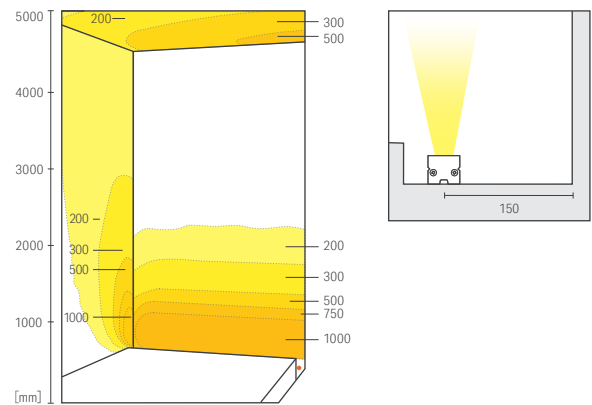
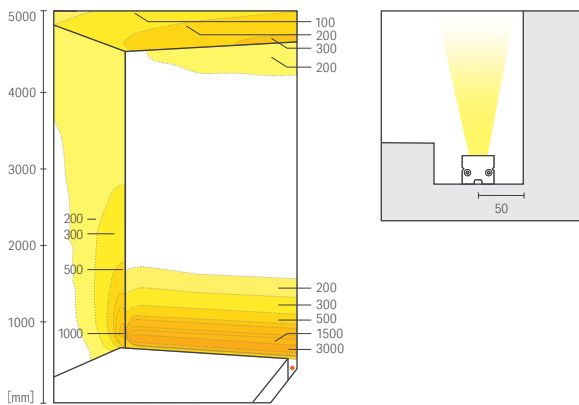
#### LVV50-1200-L27-SP-I

Light source color 2700K  
 Brightness 5146 cd  
 Luminous flux 2936 lm  
 Color rendering index Ra 94



## Recommend dimensions and illumination distributions

CH=5000 700mA



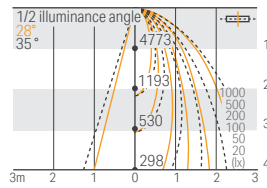


## Distance from wall

350mA

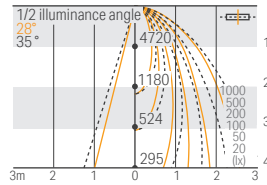
LVV50-1200-N-SP-I

Light source color 4000K  
 Brightness 4773 cd  
 Luminous flux 1355 lm  
 Color rendering index Ra 90



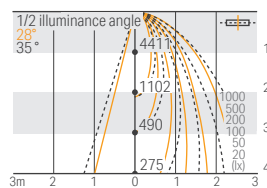
LVV50-1200-W-SP-I

Light source color 4000K  
 Brightness 4720 cd  
 Luminous flux 2679 lm  
 Color rendering index Ra 92



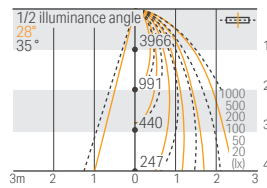
LVV50-1200-WW-SP-I

Light source color 3500K  
 Brightness 4411 cd  
 Luminous flux 2504 lm  
 Color rendering index Ra 92



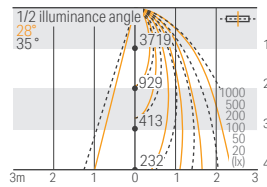
LVV50-1200-L30-SP-I

Light source color 3000K  
 Brightness 3966 cd  
 Luminous flux 2251 lm  
 Color rendering index Ra 92



LVV50-1200-L27-SP-I

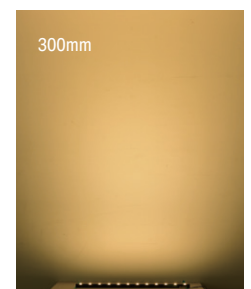
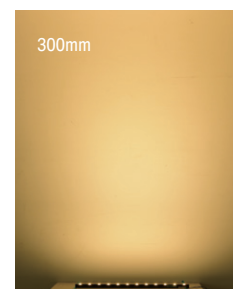
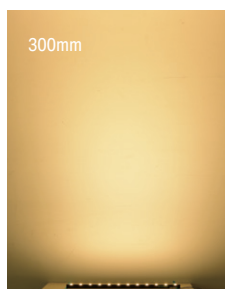
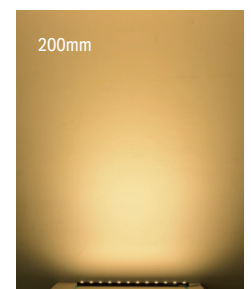
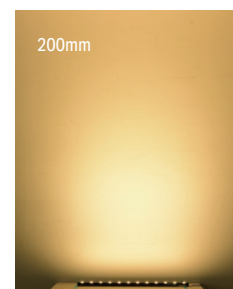
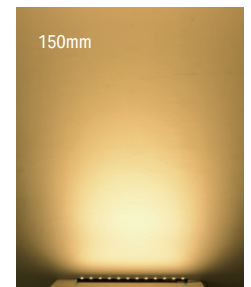
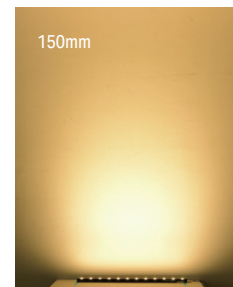
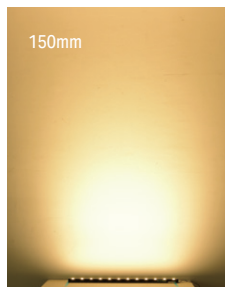
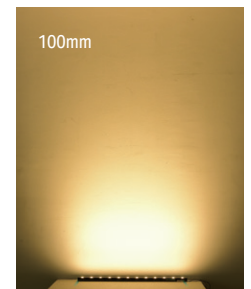
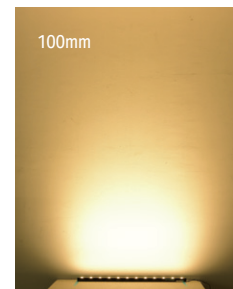
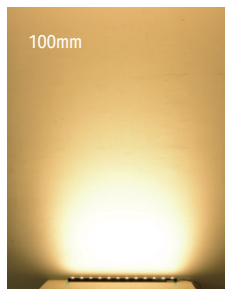
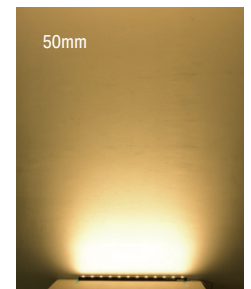
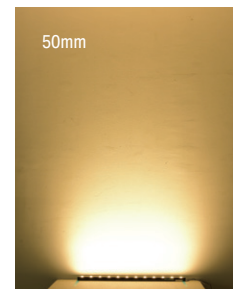
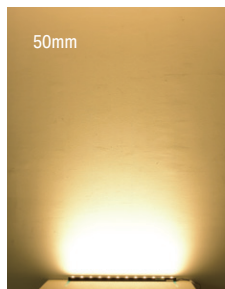
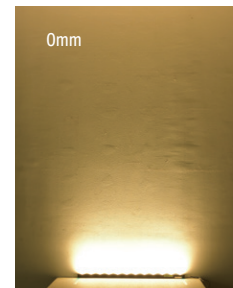
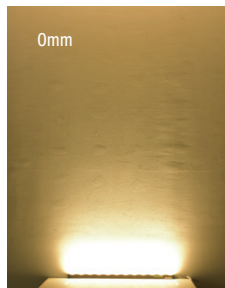
Light source color 2700K  
 Brightness 3179 cd  
 Luminous flux 2111 lm  
 Color rendering index Ra 94



700mA

500mA

350mA





88 Cove Drive, Sentosa House  
Location: Singapore  
Interior Design: Studio MK27  
Lighting Design: SWITCH



TOTO Headquarters office building, Jakarta  
Location: Indonesia  
Lighting Design: Lumina Group



# Luci Vivoxy Graze

Wall grazing light to beautifully accentuate wall elements with new and powerful high CRI LED  
Original optical lens with less scalloping and applicable for wide range of offset distances

Selectable brightness by choosing different output from constant current driver

## Specifications

### Dimensions

Cross section	W 27xH 24 mm		
Length	4 types of fixed length		
	1200	900	
	600	300	

### Color temperature



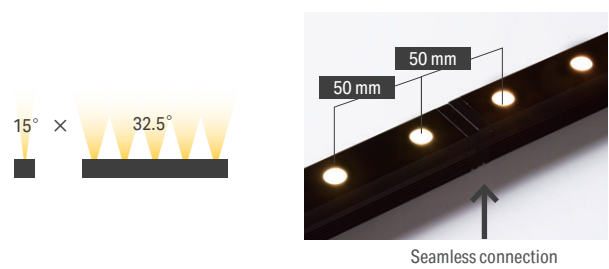
Ra 90

**NEW** Upgraded to High CRI and brighter LED Package

### Electrical & Output

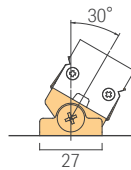
Input current	700 mA	500 mA	350 mA
Power Consumption (W/m)	38.9	27.8	18.9
Luminous flux @ 3000K (lm/m)	3485	2609	1876

### Optics

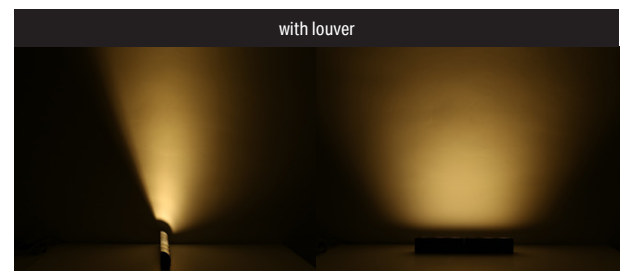
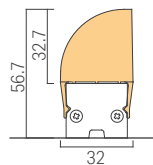


### Accessories

#### Adjustable mounting fixture



#### Anti glare louver



### Project reference





only L22

Color management  
MacAdam

Color management  
ANSI BIN



3 years warranty

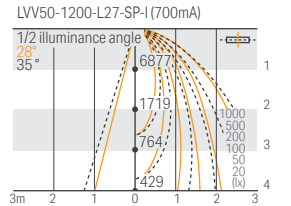
- For grazing light with spread lens 15° x 32° with High CRI LED
- 3 different brightness by choosing 350mA, 500mA or 700mA C.C driver
- Adjustable bracket and louver is available

Model No.

**LVV50** - [ ] [ ] [ ] [ ] - [ ] - **SP** - **I**

Product Name / LED pitch	Length	Light source color	Beam angle	Environment
LVV50 : 50mm pitch	0300 0600 0900 1200	N : Natural white W : White WW : Warm white 3500K L30 : Warm white 3000K L27 : Warm white 2700K L22 : Warm white 2200K	SP: 15°×32.5°	I : Indoors

Light Intensity Refer to P.102



### Specification

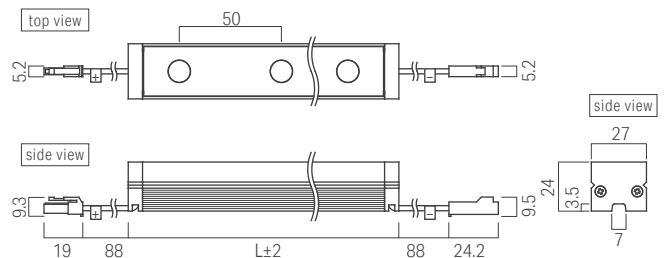
Length	0300			0600			0900			1200		
Model No.	LVV50-0300-[ ]-SP-I			LVV50-0600-[ ]-SP-I			LVV50-0900-[ ]-SP-I			LVV50-1200-[ ]-SP-I		
Rated input current	700mA	500mA	350mA	700mA	500mA	350mA	700mA	500mA	350mA	700mA	500mA	350mA
Power consumption (Max.)	12W	8W	6W	24W	17W	11W	35W	25W	17W	47W	33W	23W
Power consumption (Max.) L22	13W	9W	6W	26W	18W	12W	38W	27W	18W	51W	36W	24W
Fitting length(L)	300mm			600mm			900mm			1200mm		
Weight	180g			360g			540g			720g		
Luminaire efficacy(2700K)	83.4 lm/W@700mA			83.4 lm/W@700mA			83.4 lm/W@700mA			83.4 lm/W@700mA		
Light source color	○ = Device inventory * = Equivalent											
Rated input current	700mA	500mA	350mA	700mA	500mA	350mA	700mA	500mA	350mA	700mA	500mA	350mA
D 7100K	-	-	-	-	-	-	-	-	-	-	-	-
N 5000K Ra90	○ 1258 lm*	○ 942 lm*	○ 677 lm*	○ 2517 lm*	○ 1884 lm*	○ 1354 lm*	○ 3775 lm*	○ 2826 lm*	○ 2031 lm*	○ 5034 lm	○ 3769 lm	○ 2708 lm
W 4000K Ra92	○ 1244 lm*	○ 941 lm*	○ 670 lm*	○ 2489 lm*	○ 1881 lm*	○ 1339 lm*	○ 3733 lm*	○ 2822 lm*	○ 2009 lm*	○ 4977 lm	○ 3762 lm	○ 2678 lm
WW 3500K Ra92	○ 1163 lm*	○ 871 lm*	○ 626 lm*	○ 2326 lm*	○ 1741 lm*	○ 1252 lm*	○ 3489 lm*	○ 2612 lm*	○ 1877 lm*	○ 4652 lm	○ 3483 lm	○ 2503 lm
L30 3000K Ra92	○ 1046 lm*	○ 783 lm*	○ 563 lm*	○ 2091 lm*	○ 1566 lm*	○ 1125 lm*	○ 3137 lm*	○ 2348 lm*	○ 1688 lm*	○ 4183 lm	○ 3131 lm	○ 2251 lm
L27 2700K Ra94	○ 980 lm*	○ 734 lm*	○ 528 lm*	○ 1961 lm*	○ 1468 lm*	○ 1055 lm*	○ 2941 lm*	○ 2202 lm*	○ 1583 lm*	○ 3921 lm	○ 2936 lm	○ 2110 lm
L22 2200K Ra 82	○ 802 lm*	○ 600 lm*	○ 432 lm*	○ 1604 lm*	○ 1201 lm*	○ 863 lm*	○ 2406 lm*	○ 1801 lm*	○ 1295 lm*	○ 3208 lm	○ 2402 lm	○ 1726 lm
L19 1900K	-	-	-	-	-	-	-	-	-	-	-	-

Specification may be subject to change without announcement. The optical data provided on the each product pages are for reference only; the data values are not guaranteed. Please use as reference materials for your planning.

### General Specification

Input current	700mA	500mA	350mA
LED beam angle	15°×32.5°		
Environment	Indoors (no condensation)		
Max. length per run*	2.7m (L22: 2.4m)	4.2m (L22: 3.6m)	6m (L22: 5.4m)
Material (body)	Aluminum(black), Polycarbonate		
Attachments	① Mounting fixture 2pcs		
Option parts	① Mounting fixture ② Adjustable mounting fixture ③ Fall prevention mounting fixture ④ Louver ⑤ Joint cable		
Certification	CE		
Dimmable	Yes (0-10V, DALI)		
Power Supplies	Constant current driver is required.		

### External dimensions



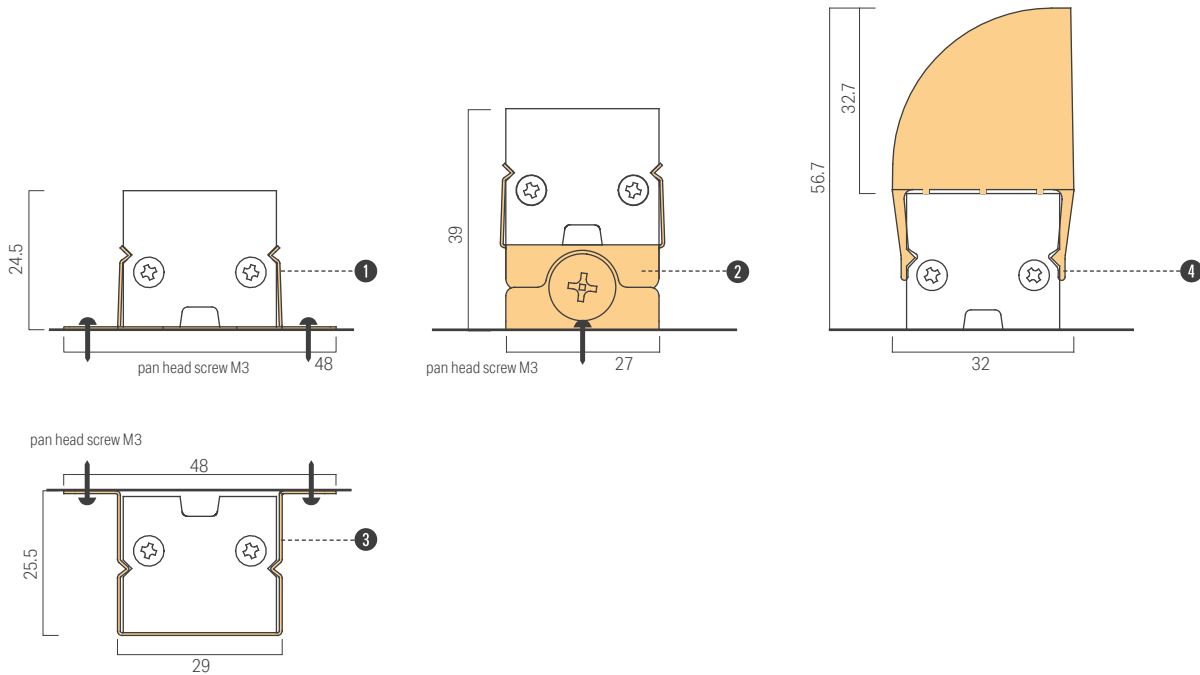
\* The connectable number of luminaires depends on the output voltage of the driver used. Check the instructions in the driver manual.

### Min. and Max. length per run for Meanwell HVGC series

\* A: ON/OFF, B: 0-10V dimming type

Rated current	Meanwell Model No.	Rated wattage	Constant current region	Connectable length range of LVV50
700mA	HVGC-65-700-*	65W	9-93V	0.3-1.2m (L22: 0.3-0.9m)
	HVGC-100-700-*	100W	15-142V	0.6-1.8m (L22: 0.6-1.5m)
	HVGC-150-700-*	150W	21-215V	0.6-2.7m (L22: 0.6-2.4m)
500mA	HVGC-65-500-*	65W	13-130V	0.6-1.8m (L22: 0.3-1.5m)
	HVGC-150-500-*	150W	30-300V	0.9-4.2m (L22: 0.9-3.6m)
350mA	HVGC-65-350-*	65W	18-186V	0.6-2.4m (L22: 0.6-2.1m)
	HVGC-100-350-*	100W	29-285V	0.9-3.9m (L22: 0.9-3.6m)
	HVGC-150-350-*	150W	42-428V	1.2-6.0m (L22: 1.2-5.4m)

## Cross sectional view



## Option parts

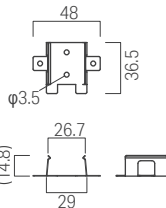
### 1 Mounting fixture for Vivoxy Graze **Attachment**



Model No : LVV-PT-A  
Attached with LED fixture  
2 pcs per LED fixture

For extra order  
1 pc / bag

top view



side view

### 2 Adjustable mounting fixture for Vivoxy Graze

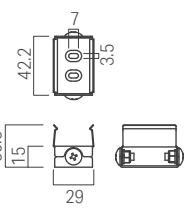


Model No : LVV-PT-B  
1 pc/bag

2 pcs per LED fixture is recommended.

For tilting installation

top view



side view

### 3 Fall prevention mounting fixture for Vivoxy Graze

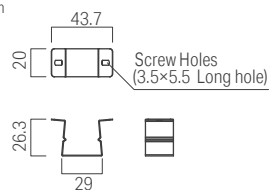


Model No : LVV-PT-C  
1 pcs/1 bag

2 pcs per LED fixture is recommended.

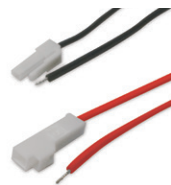
For downward installation

top view



side view

### 5 Joint cable set 5M for Vivoxy Graze **Required**

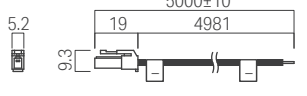


Model No : CAD-5000-SETB-I

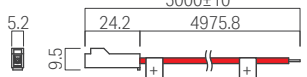
1 pc per circuit for connecting the LED fixture to power supply or dimmer driver.

Red : + , Black : -

Socket side



Plug side



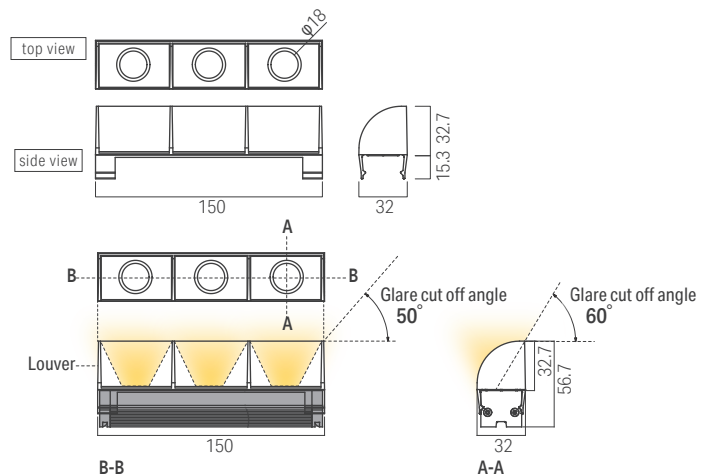
### 4 Louver for Vivoxy Graze



Model No : LVV50-LV0150  
150mmx2 pcs / set

1 set for each 300mm LED fixture.

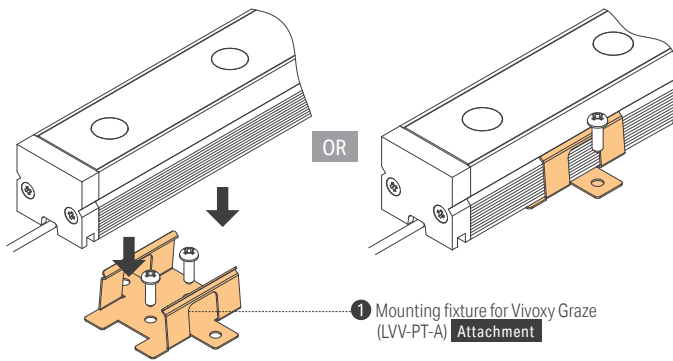
A dedicated louver can be installed on Luci Vivoxy Graze. Direct glare in a parallel or vertical direction against the lighting apparatus can be prevented.



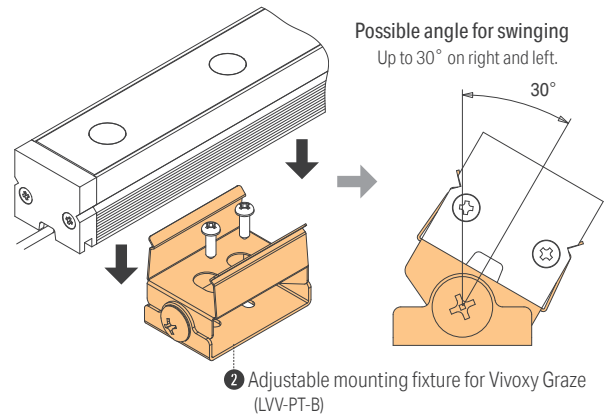
# Vivoxy Graze

## Installing the product

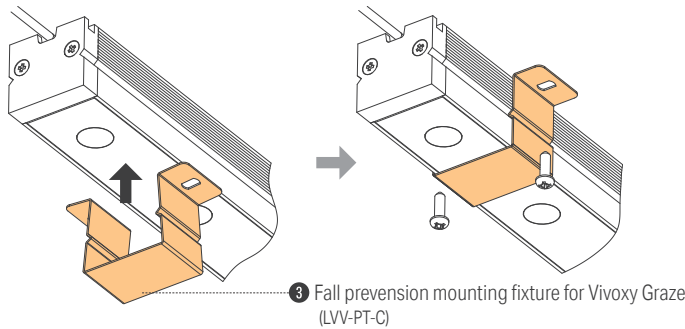
### Mounting fixture installation



### Adjustable fixture installation



### Fall prevention mounting fixture installation



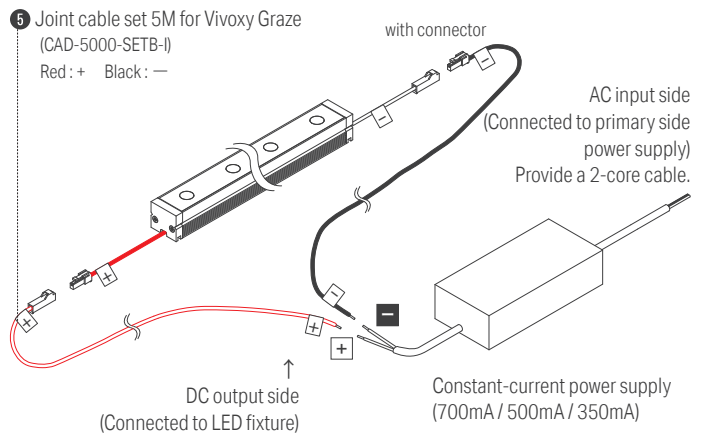
## Connecting to the power supply

- Use appropriate constant current driver according to the length of the LED fixtures.
- Do not split the circuit of LED fixtures into multiple from the driver.
- Connect the RED power supply cable to + (plus) of the driver and the BLACK power supply cable to - (minus) of the driver.
- Use an appropriate signal cable and install it according to the instructions caution of the signal cable installation.

Caution: Ensure that power of drivers is off during connecting the LED fixtures. After confirming that LED fixtures are connected to the driver properly before turning on the main switch.

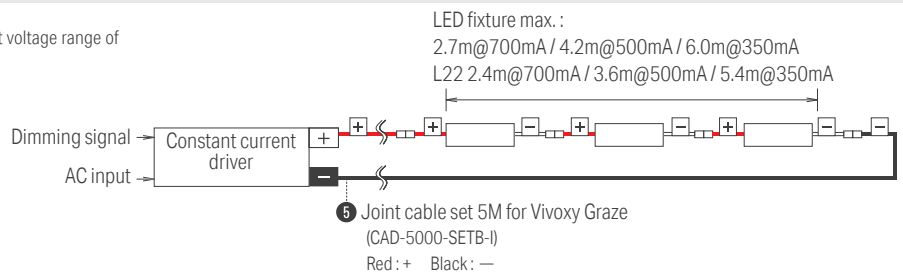
Polarity reversal or wrong procedure of connection, the LED fixture will be damaged due to a high inrush current.

If the driver was turned on before connecting the LED fixtures, turn off the power and wait one or more minutes according to the manual of the driver for releasing the accumulated electricity inside the driver.



## System configuration diagram

- Max. connectable length depends on the wattage and output voltage range of the power supply.
  - Max. length per circuit of Luci Vivoxy Graze is,  
2.7 m @ 700 mA  
4.2 m @ 500 mA  
6.0 m @ 350 mA
- L22 2.4m@700mA  
3.6m@500mA  
5.4m@350mA



## Min. and Max. length per run for Meanwell HVGC series

\* A: ON/OFF, B: 0-10V dimming type

Rated current	Meanwell Model No.	Rated wattage	Constant current region	Connectable length range of LVV50
700mA	HVGC-65-700-*	65W	9-93V	0.3-1.2m (L22: 0.3-0.9m)
	HVGC-100-700-*	100W	15-142V	0.6-1.8m (L22: 0.6-1.5m)
	HVGC-150-700-*	150W	21-215V	0.6-2.7m (L22: 0.6-2.4m)
500mA	HVGC-65-500-*	65W	13-130V	0.6-1.8m (L22: 0.3-1.5m)
	HVGC-150-500-*	150W	30-300V	0.9-4.2m (L22: 0.9-3.6m)
350mA	HVGC-65-350-*	65W	18-186V	0.6-2.4m (L22: 0.6-2.1m)
	HVGC-100-350-*	100W	29-285V	0.9-3.9m (L22: 0.9-3.6m)
	HVGC-150-350-*	150W	42-428V	1.2-6.0m (L22: 1.2-5.4m)

Guide for selecting constant current driver

1) The minimum and maximum voltage of LED fixture must be within the output voltage range of the constant current driver.  
 2) The total wattage of LED fixture including 80% load\*1 must not exceed the wattage capacity of the constant current driver.  
 Please contact us when you have any questions for selecting the constant current driver.  
 Please follow instructions for the power supply and confirm the operation environment conditions including temperature and humidity.  
 Specifications and price are subject to change without prior notification.

Example:	1) Voltage range		2) Power consumption	Connectable or not
C.C driver	Constant Current Region of driver 21V ————— 215V		Rated power of driver 150W	
LVV50 (@700mA)	Min. and Max. voltage range of LED fixture Wattage (inc. 80% load)		Wattage (inc. 80% load)	
L300mm	✗ 12V — 22V ✓		✓ 15W	✗
L600mm	✓ 25V — 43V ✓		✓ 29W	✓
L1800mm	✓ 75V — 130V ✓		✓ 88W	✓
L2700mm	✓ 112V — 194V ✓		✓ 132W	✓
L3000mm	✓ 125V — 216V ✗		✓ 147W	✗
L3300mm	✓ 137V — 238V ✗		✗ 162W	✗

Min and Max voltage of LED fixture and power consumption (N, W, WW, L30, L27)

Rated input current	700mA				500mA				300mA			
	Fitting length per run (mm)	Min. Voltage	Max. Voltage	Power consumption (@Typ)	Power consumption (@Typ)*80% load *1	Min. Voltage	Max. Voltage	Power consumption (@Typ)	Power consumption (@Max)* 80% load	Min. Voltage	Max. Voltage	Power consumption (@Typ)
300	12V	22V	12W	15W	12V	21V	8W	10W	12V	21V	6W	7W
600	25V	43V	24W	29W	24V	42V	17W	21W	24V	42V	11W	14W
900	37V	65V	35W	44W	37V	64V	25W	31W	36V	63V	17W	21W
1200	50V	86V	47W	59W	49V	85V	33W	41W	48V	84V	23W	28W
1500	62V	108V	59W	74W	61V	106V	41W	52W	60V	104V	28W	35W
1800	75V	130V	71W	88W	73V	127V	50W	62W	72V	125V	34W	43W
2100	87V	151V	82W	103W	86V	149V	58W	72W	84V	146V	40W	50W
2400	100V	173V	94W	118W	98V	170V	66W	83W	96V	167V	45W	57W
2700	112V	194V	106W	132W	110V	191V	74W	93W	108V	188V	51W	64W
3000	125V	216V	118W	147W	122V	212V	83W	103W	120V	209V	57W	71W
3300	137V	238V	129W	162W	135V	234V	91W	113W	132V	230V	62W	78W
3600	150V	259V	141W	176W	147V	255V	99W	124W	144V	251V	68W	85W
3900	162V	281V	153W	191W	159V	276V	107W	134W	156V	271V	74W	92W
4200	175V	302V	165W	206W	171V	297V	116W	144W	168V	292V	79W	99W
4500	187V	324V	176W	221W	184V	319V	124W	155W	180V	313V	85W	106W
4800	200V	346V	188W	235W	196V	340V	132W	165W	192V	334V	91W	113W
5100	212V	367V	200W	250W	208V	361V	140W	175W	204V	355V	96W	120W
5400	225V	389V	212W	265W	220V	382V	149W	186W	216V	376V	102W	128W
5700	237V	410V	223W	279W	233V	404V	157W	196W	228V	397V	108W	135W
6000	250V	432V	235W	294W	245V	425V	165W	206W	240V	418V	113W	142W

Min and Max voltage of LED fixture and power consumption (L22)

Rated input current	700mA				500mA				300mA			
	Fitting length per run (mm)	Min. Voltage	Max. Voltage	Power consumption (@Typ)	Power consumption (@Typ)*80% load *1	Min. Voltage	Max. Voltage	Power consumption (@Typ)	Power consumption (@Max)* 80% load	Min. Voltage	Max. Voltage	Power consumption (@Typ)
300	13V	24V	13W	16W	13V	24V	9W	11W	12V	23V	6W	8W
600	26V	49V	26W	32W	26V	48V	18W	23W	25V	47V	12W	15W
900	40V	73V	38W	48W	39V	72V	27W	34W	37V	70V	18W	23W
1200	53V	98V	51W	64W	52V	96V	36W	45W	50V	94V	24W	30W
1500	66V	122V	64W	80W	65V	121V	45W	56W	62V	117V	30W	38W
1800	79V	147V	77W	96W	78V	145V	54W	68W	75V	140V	37W	46W
2100	92V	171V	90W	112W	91V	169V	63W	79W	87V	164V	43W	53W
2400	106V	196V	102W	128W	104V	193V	72W	90W	100V	187V	49W	61W
2700	119V	220V	115W	144W	117V	217V	81W	101W	112V	211V	55W	69W
3000	132V	245V	128W	160W	130V	241V	90W	113W	125V	234V	61W	76W
3300	145V	269V	141W	176W	143V	265V	99W	124W	137V	257V	67W	84W
3600	158V	294V	154W	192W	156V	289V	108W	135W	150V	281V	73W	91W
3900	172V	318V	167W	208W	168V	314V	117W	146W	162V	304V	79W	99W
4200	185V	343V	179W	224W	181V	338V	126W	158W	175V	328V	85W	107W
4500	198V	367V	192W	240W	194V	362V	135W	169W	187V	351V	91W	114W
4800	211V	392V	205W	256W	207V	386V	144W	180W	200V	374V	97W	122W
5100	224V	416V	218W	272W	220V	410V	153W	191W	212V	398V	104W	129W
5400	238V	441V	231W	288W	233V	434V	162W	203W	225V	421V	110W	137W
5700	251V	465V	243W	304W	246V	458V	171W	214W	237V	445V	116W	145W
6000	264V	490V	256W	320W	259V	482V	180W	225W	250V	468V	122W	152W

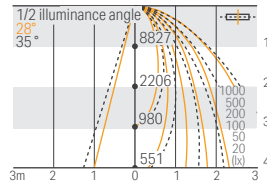
# Vivoxy Graze

## Illuminance data

### 700mA

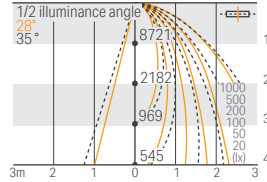
#### LVV50-1200-N-SP-I

Light source color 4000K  
 Brightness 8827 cd  
 Luminous flux 5034 lm  
 Color rendering index Ra 90



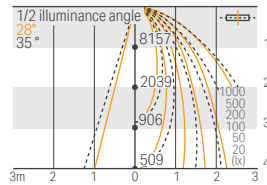
#### LVV50-1200-W-SP-I

Light source color 4000K  
 Brightness 8721 cd  
 Luminous flux 4978 lm  
 Color rendering index Ra 92



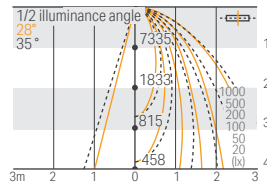
#### LVV50-1200-WW-SP-I

Light source color 3500K  
 Brightness 8157 cd  
 Luminous flux 4652 lm  
 Color rendering index Ra 92



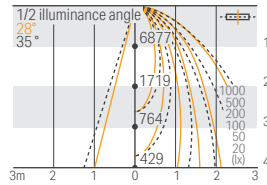
#### LVV50-1200-L30-SP-I

Light source color 3000K  
 Brightness 7335 cd  
 Luminous flux 4183 lm  
 Color rendering index Ra 92



#### LVV50-1200-L27-SP-I

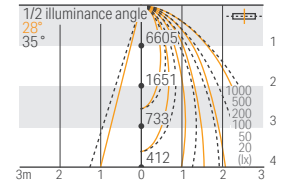
Light source color 2700K  
 Brightness 6877 cd  
 Luminous flux 3922 lm  
 Color rendering index Ra 94



### 500mA

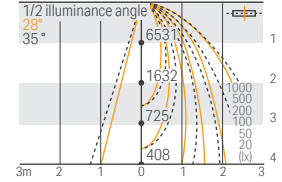
#### LVV50-1200-N-SP-I

Light source color 4000K  
 Brightness 6605 cd  
 Luminous flux 3769 lm  
 Color rendering index Ra 90



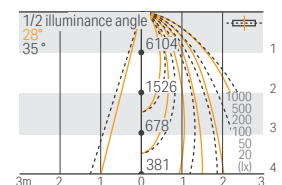
#### LVV50-1200-W-SP-I

Light source color 4000K  
 Brightness 6531 cd  
 Luminous flux 3727 lm  
 Color rendering index Ra 92



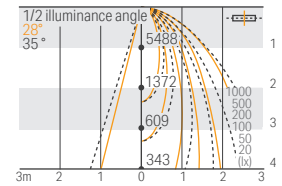
#### LVV50-1200-WW-SP-I

Light source color 3500K  
 Brightness 6401 cd  
 Luminous flux 3483 lm  
 Color rendering index Ra 92



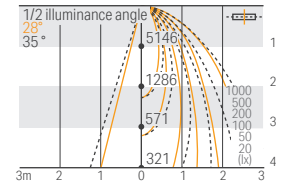
#### LVV50-1200-L30-SP-I

Light source color 3000K  
 Brightness 5488 cd  
 Luminous flux 3132 lm  
 Color rendering index Ra 92



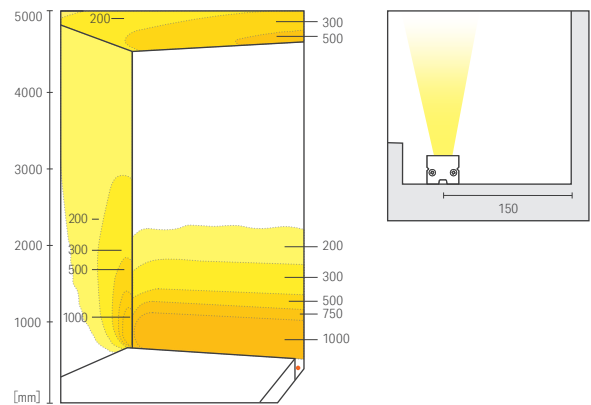
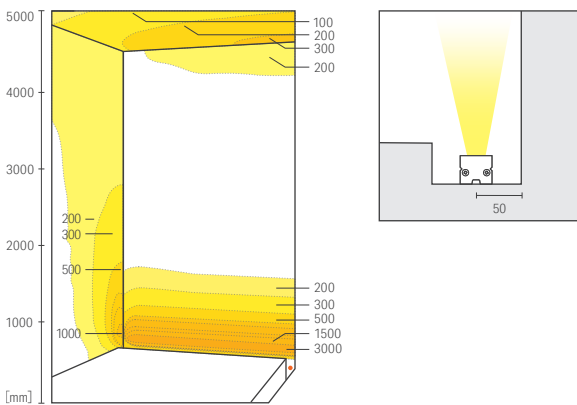
#### LVV50-1200-L27-SP-I

Light source color 2700K  
 Brightness 5146 cd  
 Luminous flux 2936 lm  
 Color rendering index Ra 94



## Recommend dimensions and illumination distributions

CH=5000 700mA

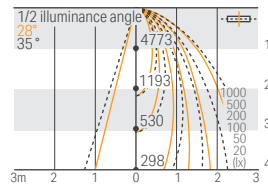




## 350mA

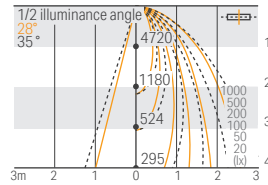
LVV50-1200-N-SP-I

Light source color 4000K  
 Brightness 4773 cd  
 Luminous flux 1355 lm  
 Color rendering index Ra 90



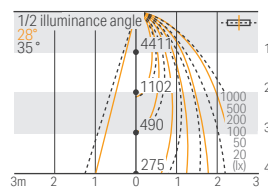
LVV50-1200-W-SP-I

Light source color 4000K  
 Brightness 4720 cd  
 Luminous flux 2679 lm  
 Color rendering index Ra 92



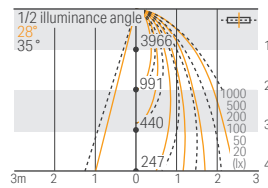
LVV50-1200-WW-SP-I

Light source color 3500K  
 Brightness 4411 cd  
 Luminous flux 2504 lm  
 Color rendering index Ra 92



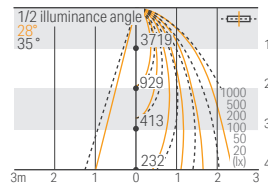
LVV50-1200-L30-SP-I

Light source color 3000K  
 Brightness 3966 cd  
 Luminous flux 2251 lm  
 Color rendering index Ra 92



LVV50-1200-L27-SP-I

Light source color 2700K  
 Brightness 3179 cd  
 Luminous flux 2111 lm  
 Color rendering index Ra 94



## Distance from wall

### 700mA

### 500mA

### 350mA

