



# STRONGERTUBE | G2 ZB

For hyper chlorinated environments and outdoor



S pool



High moisture



Indoor



Outdoor under shelter



Outdoor



Suspended



Ceiling mounting



Wall mounting

5 YEARS warranty



## Benefits

- With specific potting process for a full gas tight sealing, to **avoid the penetration of gases and water**.
- Completely **safe against the corrosion** of LED modules and electronic components.
- High thickness PMMA **resistant to chemicals** and robust finish for a **durable use in outdoor**, preventing yellowing over time.
- ASA end caps with **great thermal stability** to resist to UV radiation, heat, water, ageing and chemicals.

## Characteristics

### Mechanical characteristics

Profile	PMMA
End caps	Acrylonitrile styrene acrylate (ASA)
Gasket	Polyurethane
Gear tray	White laquered steel plate
Cable entry	Cable gland 3m external cable included, with resistant outer sheath
Fixing clips	Special V4A 316 stainless steel fixing braquets included



Stainless steel fixing bracket  
It allows luminaire rotation

### Electrical characteristics

Connection	3/5 pole push wire terminal block
Power factor	> 0.95 full load
THD	< 10% full load < 7% full load for HT versions
Flicker factor	< 1%

IP 66	IP69(80°)	IK 10	Frequency 0-50/60Hz	Rated voltage 220-240V	NON-SELV	
-------	-----------	-------	---------------------	------------------------	----------	--

### Functional characteristics

Lifetime	L80 100,000 hours at 35°C
Fire protection	Flammability (UL94): HB Glow wire test (EN 60595-2-11): 650°

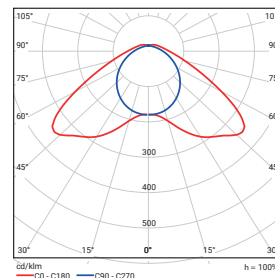
Compliance



RoHS REACH

### Photometrical characteristics

SDCM	< 3
------	-----



## STRONGERTUBE | G2 ZB

### Description

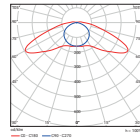
FAMILY	VERSION	OPTICS	LUMINOUS FLUX (lm)	CRI	LIGHT COLOUR (K)	DRIVER	TEMPERATURE RANGE	PROFILE	FIXING CLIPS
> STRONGERTUBE	> G2	> B: wide	> 6500	> 8: > 80	> 40: 4000	> ET: non dimmable > ETDD: DALI	> HT: -40°C - +50°C > _: -25°C - +45°C	> PMMA	> ZB: special stainless steel fixing brackets

#### Special options under request

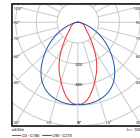
Ask our Sales Team for more details	> XB: extremely wide > TB: narrow	> 2000 to 8000	> 30: 3000 > 65: 6500 > 827-865: tunable white	> ETDD CS: Casambi dimmable > ETD: 1-10V dimmable > ETDD CLO: Constant Lumen Output
-------------------------------------	--------------------------------------	----------------	--	---

#### More options available under request:

- High frequency sensor (HFS).
- Through wiring: 3x1.5mm<sup>2</sup>, 3x2.5mm<sup>2</sup>, 5x1.5mm<sup>2</sup>, 5x2.5mm<sup>2</sup>.
- Length: 1800mm with 10,000lm.



XB



TB

### Operational data

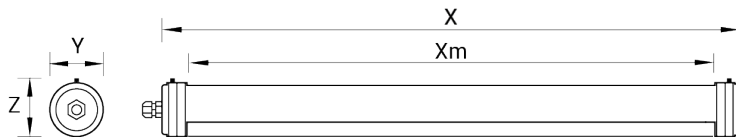
Description	Order number	Luminous flux (lm)	Power (W)	Efficiency (lm/W)	Colour temperature (K)	CRI	Temperature range
STRONGERTUBE G2 B 6500-840 ET PMMA ZB	10223683	6500	43	150	4000	> 80	-25°C - +45°C
STRONGERTUBE G2 B 6500-840 ETDD PMMA ZB	10223685	6500	43	150	4000	> 80	-25°C - +45°C
<b>HIGH TEMPERATURE</b>							
STRONGERTUBE G2 B 6500-840 ET HT PMMA ZB	10223684	6500	43	150	4000	> 80	-40°C - +50°C
STRONGERTUBE G2 B 6500-840 ETDD HT PMMA ZB	10223686	6500	43	150	4000	> 80	-40°C - +50°C
<b>EMERGENCY KIT WITH 10-YEARS EXTENDED GUARANTEE<sup>1</sup></b>							
STRONGERTUBE G2 L10 B 6500-840 ET PMMA ZB	10254109	6500	43	150	4000	> 80	-0°C - +40°C
STRONGERTUBE G2 L10 B 6500-840 ETDD PMMA ZB	10253420	6500	43	150	4000	> 80	-0°C - +40°C

<sup>1</sup> Not included in the ENEC certificate

### Dimensions and logistics

Description	X	Xm	Y	Z					
	mm	mm	mm	mm	L x W x H mm	Pcs./Box	Box	Groupage Pcs./Euro pallet	Double pallet Pcs./Euro pallet
STRONGERTUBE G2... ZB	1340	1205	112	112	1350 x 112 x 112	1	4.8	54	42 + 42

Please check with our Back Office to confirm logistic data



### Accessories

10185019	Special V4A 316 stainless steel fixing brackets for STRONGERTUBE ZB, 2 pieces set
----------	---



10185019

### Circuit breaker/inrush current

Order number	Number of drivers on a single-pole power circuit breakers (CB)			
	CB-Type	10A	16A	20A
10223684	B	21	36	45
10223686	C	37	60	75
10223683	B	16	26	32
	C	27	43	54
10223685	B	15	24	30
	C	25	40	50

- Data for Usupply = 230 VAC, mains impedance = 1 Ω
- In case of multi-polar CB the maximum number is reduced by 20 %.
- The maximum number may differ depending on CB manufacturer. Please consider the specifications of the manufacturer.
- CB with C-characteristics are recommended to be used in lighting groups.