



STRONGERTUBE | G2

Fit and forget



5 YEARS warranty



Benefits

- Specific gas tight potting to **avoid the ingress and condensation of gases** and to resist to acids and sulphur vapours.
- **Easy to clean** with high pressure (100 bar) and high temperature (80°C) cleaners, thanks to its IP69K degree.
- 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	Stainless steel

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	IP 69K	IK 08	Frequency 0-50/60Hz	Rated voltage 220-240V	NON-SELV	
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Functional characteristics

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

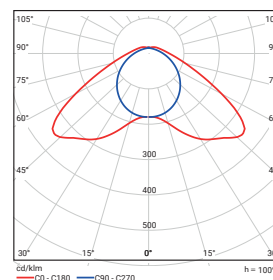
Compliance



RoHS REACH

Photometrical characteristics

SDCM	< 3
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STRONGERTUBE | G2

Description

FAMILY	VERSION	LUMINOUS FLUX (lm)	CRI	LIGHT COLOUR (K)	DRIVER	TEMPERATURE RANGE	PROFILE
> STRONGERTUBE	> G2 B	> 65: 6500	> 8: > 80	> 40: 4000	> ET: non dimmable > ETDD: DALI	> HT: -40°C - +50°C > LT: -25°C - +45°C	> PMMA

Special options under request

Ask our Sales Team for more details > 2000 to 8000

> 30: 3000

> 65: 6500

> 827-865: tunable white

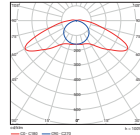
> ETDD CS: Casambi dimmable

> ETD: 1-10V dimmable

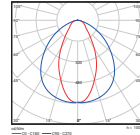
> ETDD CLO: Constant Lumen Output

More options available under request:

- High frequency sensor (HFS).
- Through wiring: 3x1.5mm², 3x2.5mm², 5x1.5mm², 5x2.5mm².
- Length: 1800mm with 10,000lm.
- Optics: extensive (XW) and narrow (TB).



XW



TB

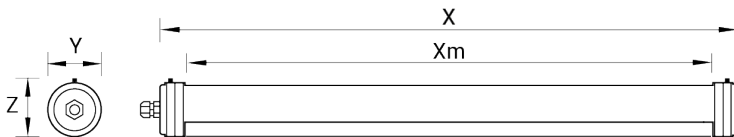
Operational data

Description	Order number	Luminous flux (lm)	Power (W)	Efficiency (lm/W)	Colour temperature (K)	CRI	Temperature range
STRONGERTUBE G2 VW 6500-840 ET HT PMMA	10175731	6500	43	150	4000	> 80	-40°C - +50°C
STRONGERTUBE G2 VW 6500-840 ETDD HT PMMA	10175732	6500	43	150	4000	> 80	-40°C - +50°C
STRONGERTUBE G2 VW 6500-840 ET PMMA	10231696	6500	43	150	4000	> 80	-25°C - +45°C
STRONGERTUBE G2 VW 6500-840 ETDD PMMA	10231697	6500	43	150	4000	> 80	-25°C - +45°C

Dimensions and logistics

Description	X	Xm	Y	Z	L x W x H mm	Pcs./Box	Box	Groupage Pcs./Euro pallet	Double pallet Pcs./Euro pallet
STRONGERTUBE G2 VW...	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



Circuit breaker/inrush current

Order number	Number of drivers on a single-pole power circuit breakers (CB)			
	CB-Type	10A	16A	20A
10175731	B	21	36	45
10175732	C	37	60	75
10231696	B	16	26	32
	C	27	43	54
10231697	B	15	24	30
	C	25	40	50

- Data for U_{supply} = 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.