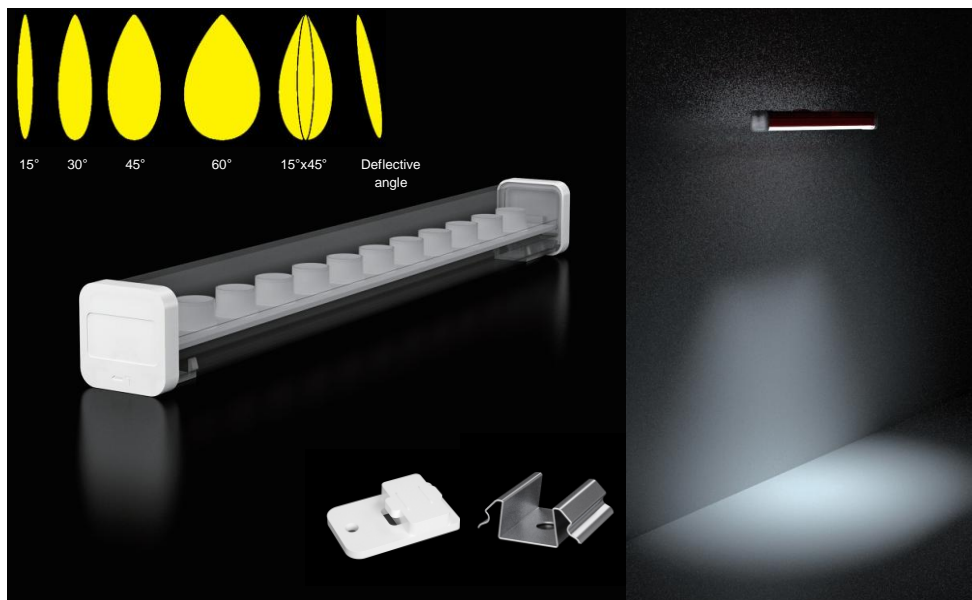


Product datasheet



Single LENS Optics Tube

P/N:

Z8C6GX32E-0.6-03

Z8C6GX32E-1.2-03

Z8C6GX32E-2.4-03

Areas of application

- Gas station, Wall washer

Product main benefits

- **Single LENS optics, many different angles are available,**
- UV-resistant PC material for all component, superior weather resistance,
- Special anti-vulcanization process design LED, more reliable in harsh environment use,
- LED chip adopts pure gold wire welding process, strong ductility, stable structure,
- Constant current IC circuit design, to ensure that brightness is consistent from head to end
- Integrated and sliding buckle design for easy installation,
- Stainless steel clip available,
- 5 Years warranty,
- IP68, **patent protection for waterproof design.**



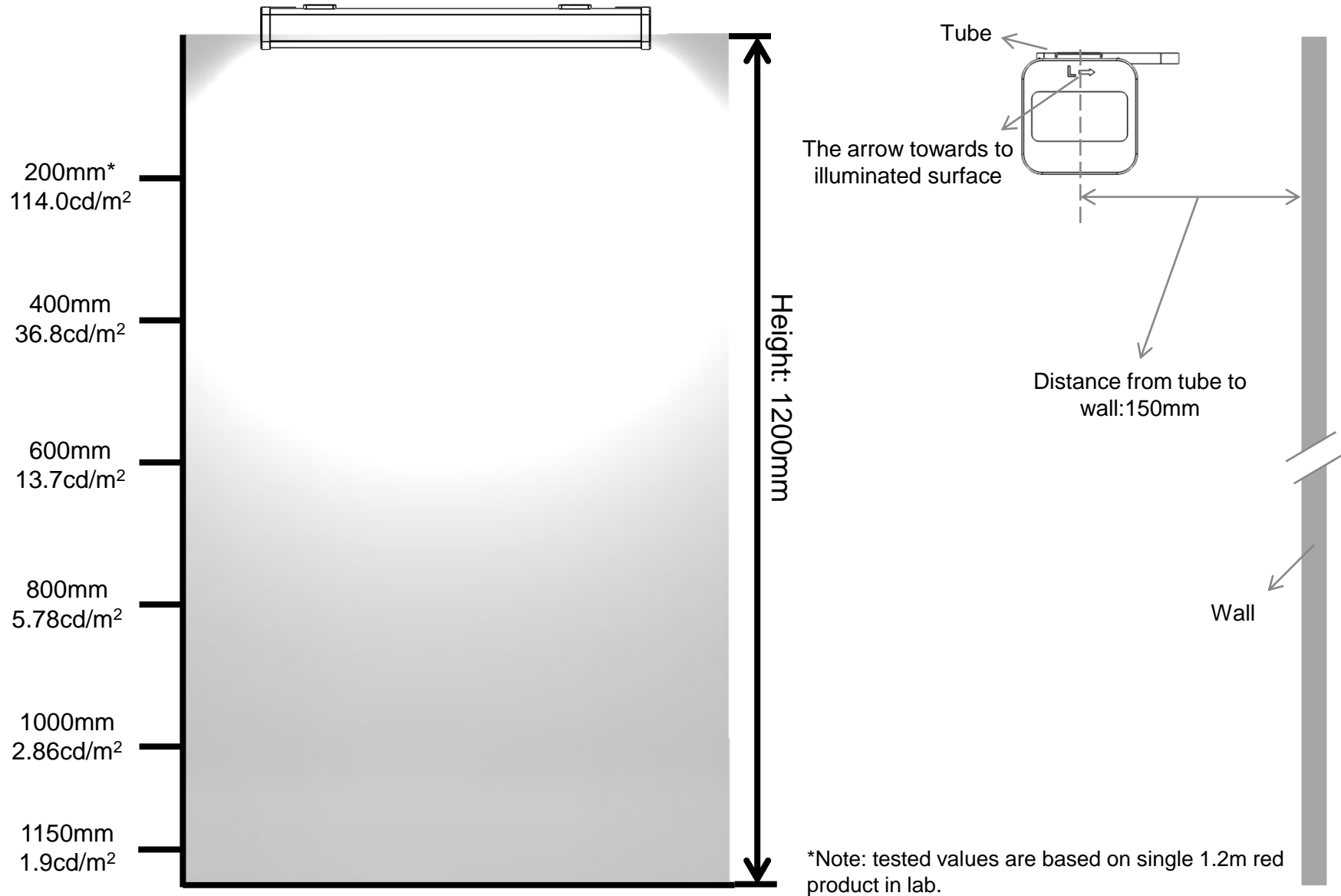
PART NUMBERS	Typical Voltage	Energy Consumption	Energy Consumption/ft	Qty. connection(max.)
Z8C6GW32E-0.6-03	24VDC	6.25W	10.4W	8
Z8C6GW32E-1.2-03	24VDC	12.5W	10.4W	4
Z8C6GW32E-2.4-03	24VDC	25W	10.4W	2
Z8C6GR32E-0.6-03	24VDC	6.25W	10.4W	8
Z8C6GR32E-1.2-03	24VDC	12.5W	10.4W	4
Z8C6GR32E-2.4-03	24VDC	25W	10.4W	2

Remark:

1. Ranking at $t_a = 25^\circ\text{C}$.

PART NUMBERS	Light color (designation)	Color (CCT, wavelength)	Typical Brightness (lumen/pcs)	Typical Brightness (lumen/m.)
Z8C6GW32E-0.6-03	White	6500K	590	980
Z8C6GW32E-1.2-03	White	6500K	1180	980
Z8C6GW32E-2.4-03	White	6500K	2360	980
Z8C6GR32E-0.6-03	Red	620-625nm	215	360
Z8C6GR32E-1.2-03	Red	620-625nm	435	360
Z8C6GR32E-2.4-03	Red	620-625nm	870	360

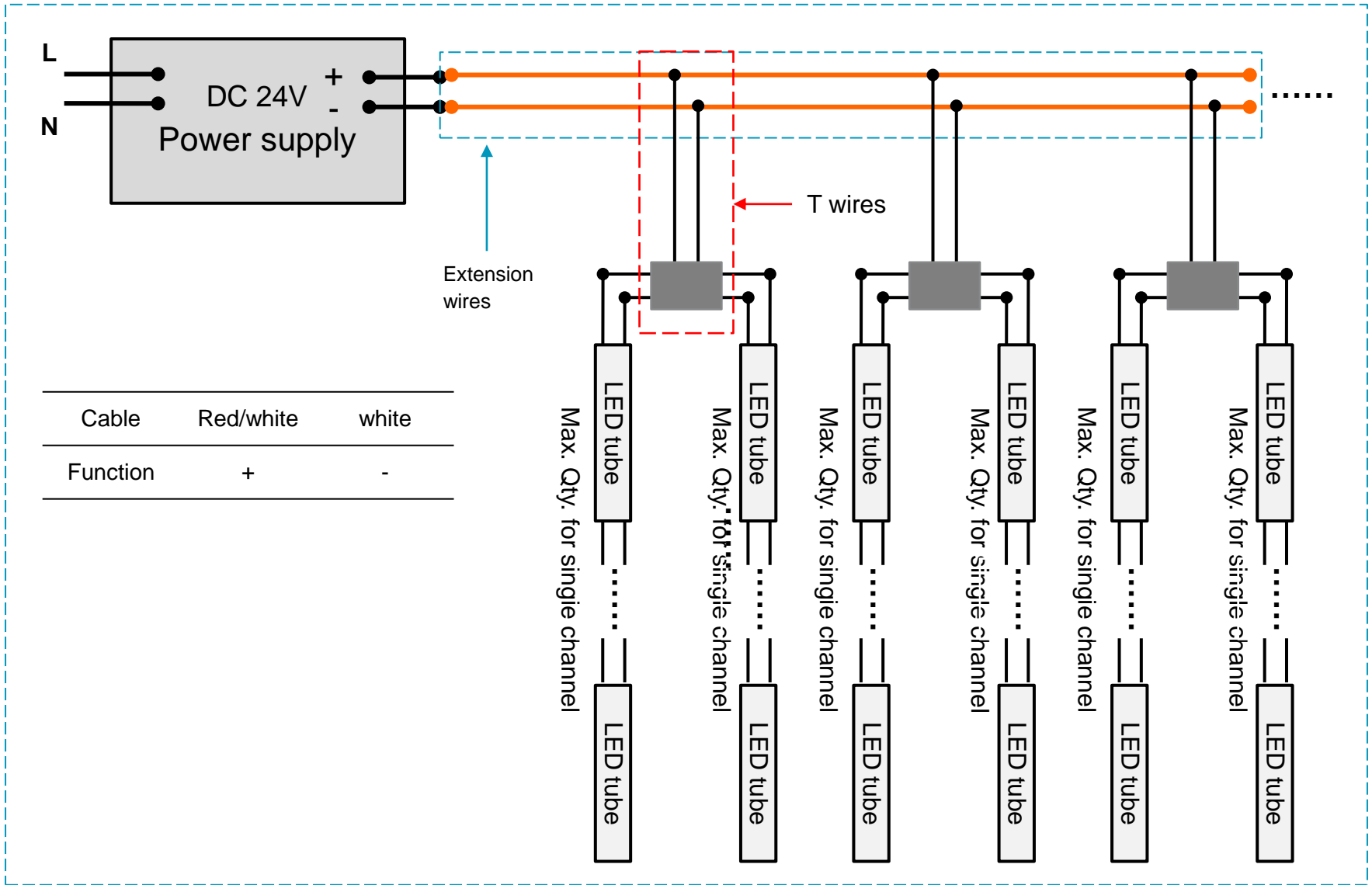
1. Ranking at $t_a = 25^\circ\text{C}$.
2. Tolerance of measurements for brightness is $\pm 10\%$, tolerance of measurements for the Chromaticity Coordinate is ± 0.01 ; the tolerance of CCT should be calculated accordingly, $R_a > 70$.

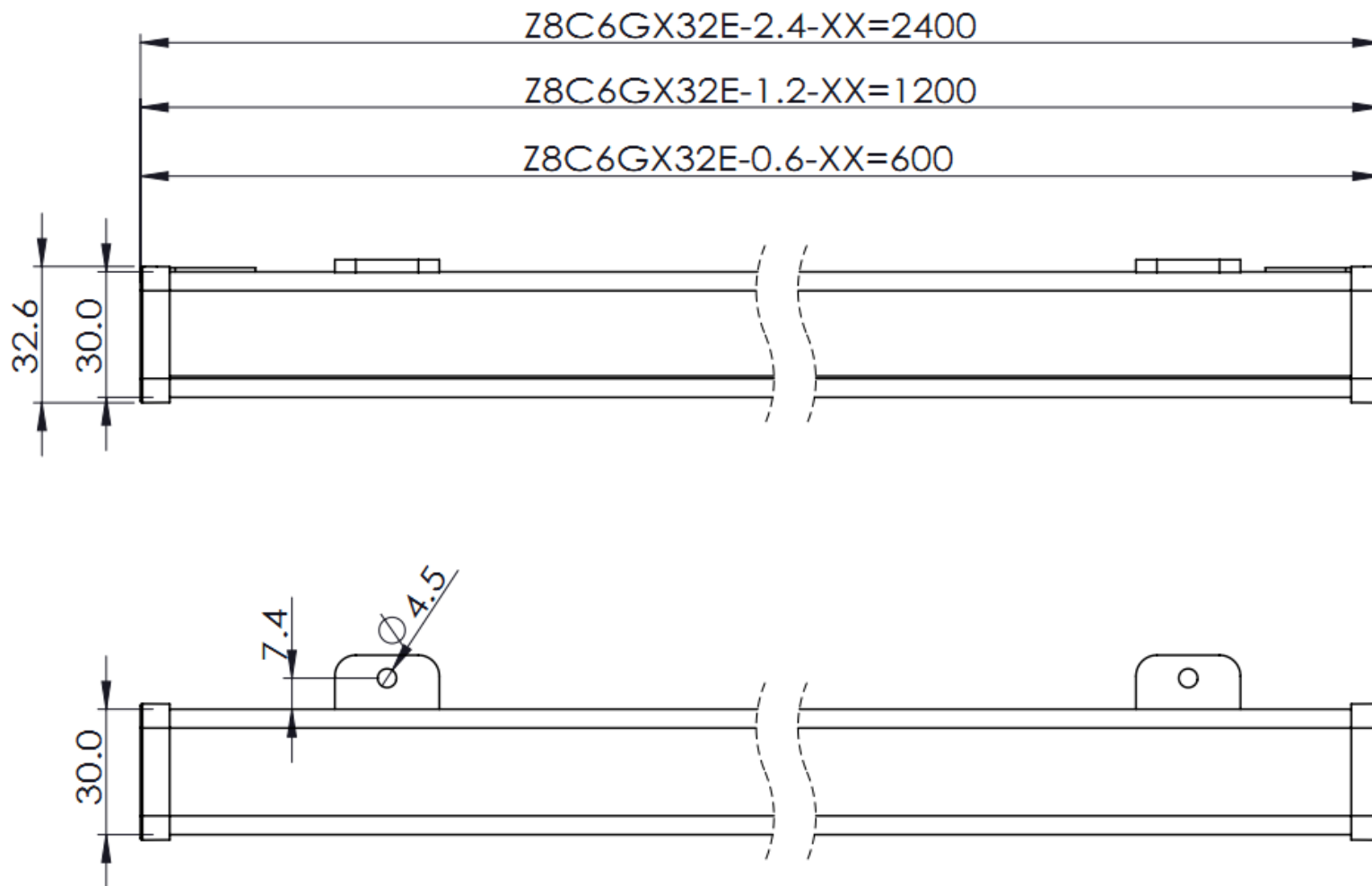


Application Conditions

Operating Environment (t_a)	-25°C to +60°C
Storage Temperature Range (t_s)	-40°C to +85°C
IP Rating	IP68
Lifetime (L70B50)	50,000 hours
t_c temperature	80°C
Dimming mode	N/A

Wiring method





Units: mm

PRODUCTS	PART NUMBERS	Package unit (modules/carton box)	Carton box Dimensions (length x width x height)
Single LENS Optics Tube	Z8C6GX32E-0.6-XX	24	1265x230x175mm
	Z8C6GX32E-1.2-XX	12	1265x230x175mm
	Z8C6GX32E-2.4-XX	12	2465x230x175mm

Additional information:

- Installation of LED light tubes (with power supplies) needs to be made under consideration of all valid regulations and norms.
- Installation by qualified electrician only.
- Parallel connection is mandatory for safe electrical operation. Serial connection of LED light tube is discouraged. Unbalanced voltage drop in serial connection can cause hazardous overload
- Electrical contact is achieved with the contact cables or the terminals of the light bars. Please refer to the technical data for maximum number of LED light tubes that can be operated on one control gear.
- To avoid mechanical damage, the LED light tubes have to be attached securely to the intended mounting surface. It is recommended to avoid heavy vibration.