

Product datasheet

MYNICE[®]
美耐斯



Light Emitting Tube

P/N:

Z8C6GX32E-0.6-00

Z8C6GX32E-1.2-00

Z8C6GX32E-2.4-00

Areas of application

- Gas station cornice, Outline lighting etc.

Product main benefits

- 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.**



EPISTAR

PART NUMBERS	Typical Voltage	Energy Consumption	Energy Consumption/ft	Qty. connection(max.)
Z8C6GW32E-0.6-00	24VDC	5W	8.33W	8
Z8C6GW32E-1.2-00	24VDC	10W	8.33W	4
Z8C6GW32E-2.4-00	24VDC	20W	8.33W	2
Z8C6GR32E-0.6-00	24VDC	5W	8.33W	8
Z8C6GR32E-1.2-00	24VDC	10W	8.33W	4
Z8C6GR32E-2.4-00	24VDC	20W	8.33W	2
Z8C6GG32E-0.6-00	24VDC	5W	8.33W	8
Z8C6GG32E-1.2-00	24VDC	10W	8.33W	4
Z8C6GG32E-2.4-00	24VDC	20W	8.33W	2

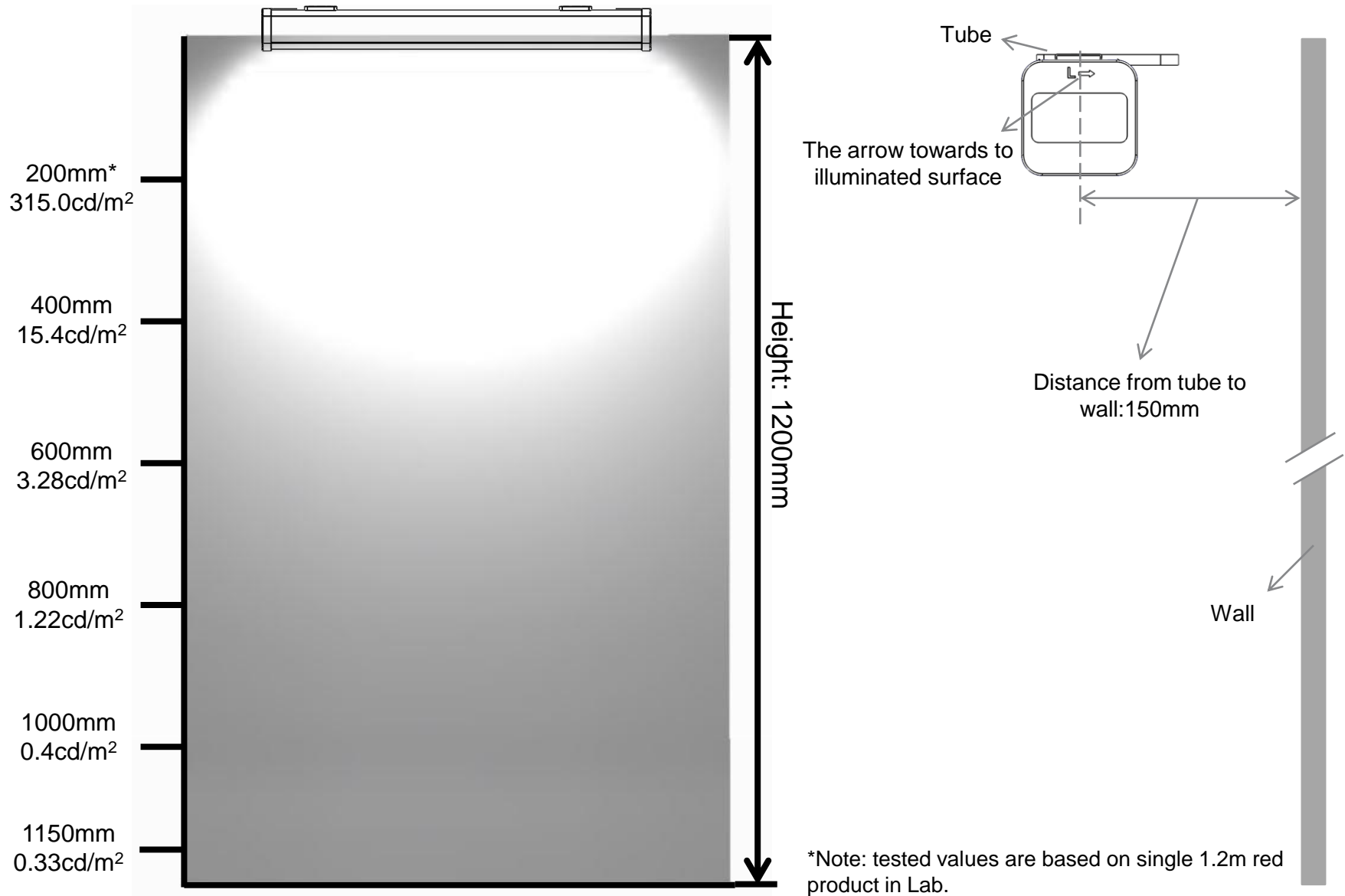
Remark:

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

Photometrical data

PART NUMBERS	Light color (designation)	Color (CCT, wavelength)	Typical Brightness (lumen/pcs)	Typical Brightness (lumen/m.)
Z8C6GW32E-0.6-00	White	6500K	550	920
Z8C6GW32E-1.2-00	White	6500K	1100	920
Z8C6GW32E-2.4-00	White	6500K	2200	920
Z8C6GR32E-0.6-00	Red	620-625nm	135	225
Z8C6GR32E-1.2-00	Red	620-625nm	270	225
Z8C6GR32E-2.4-00	Red	620-625nm	540	225
Z8C6GG32E-0.6-00	Green	520-530nm	275	775
Z8C6GG32E-1.2-00	Green	520-530nm	550	775
Z8C6GG32E-2.4-00	Green	520-530nm	1100	775

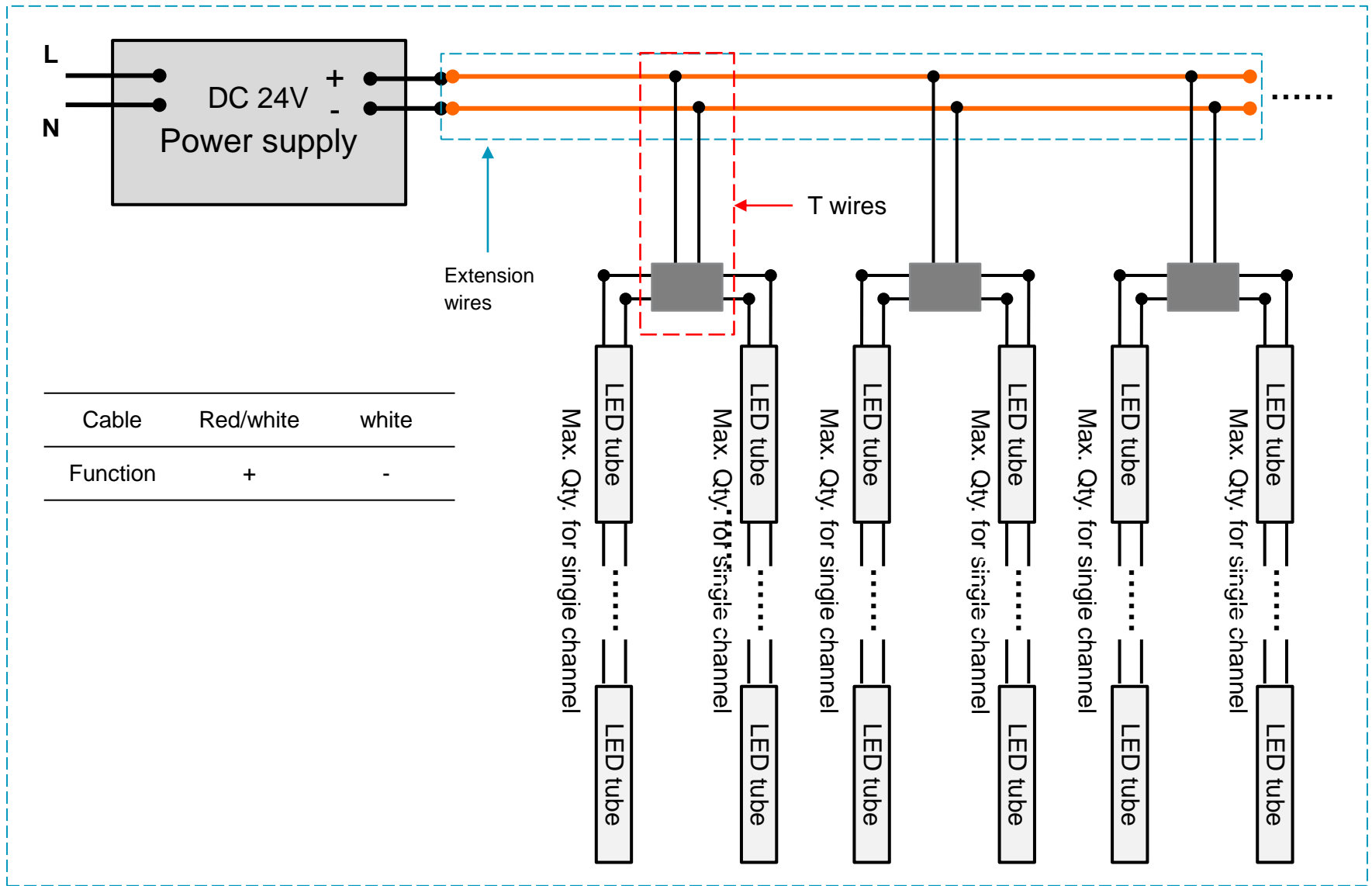
1. Ranking at $t_a = 25^\circ\text{C}$.
2. Tolerance of measurements for brightness is $\pm 10\%$, tolerance of measurements for the Chromaticity Coordinate is ± 0.01 ; the tolerance of CCT should be calculated accordingly, $R_a > 70$.

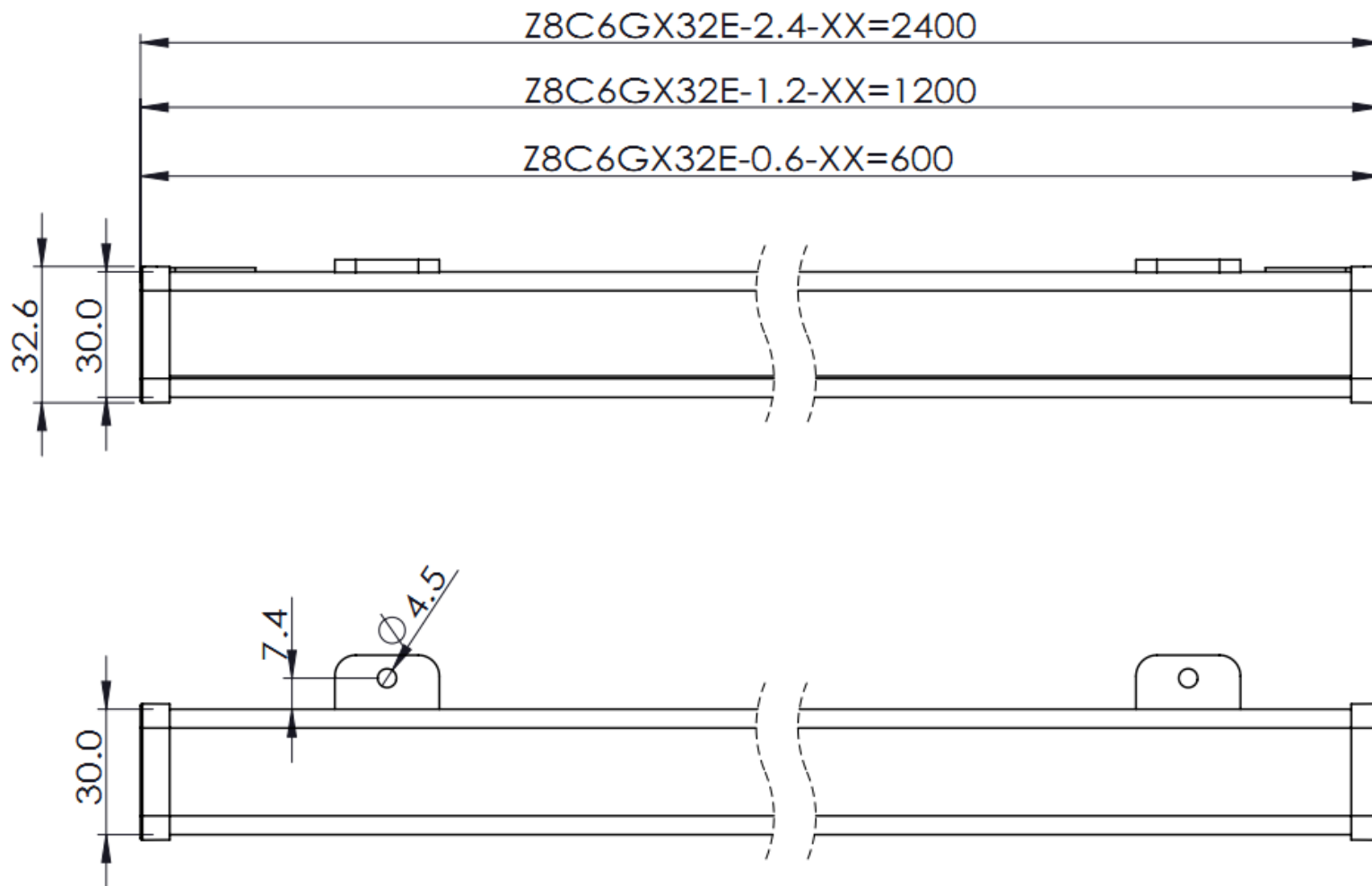


Application Conditions

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)
Light Emitting 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.