

MONTANA GEN2 DATA SHEET



Product information

The **MONTANA GEN2** is a perfect product for various wall mounted applications, especially for bathroom lighting. It works perfectly with most leading edge or trailing edge dimmers in the market. 3000K or 4000K color temperature can be selected to meet different needs of end users.

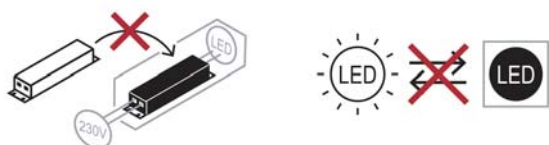
Features

- * Wall mounted installation.
- * Flicker free, CRI90
- * IP 44 rated, suitable for damp locations.
- * L80 lifetime 50,000hrs, 5 Year Limited Warranty.
- * Compatible with both leading edge & trailing edge dimmers
- * 3000K/4000K color temperature adjustable with dip switch
- * Complied with IEC/EN62471 photobiological safety standard

Operation and Maintenance Tips

- * Turn power off before inspection, installation or removal
- * Lamps should be kept free from contamination.
- * The luminaire is not suitable for emergency lighting
- * All install and uninstall shall be done by a certified electrician
- * Do not operate luminaire with damaged parts

Replaceability



Electrical and Photometric Characteristics

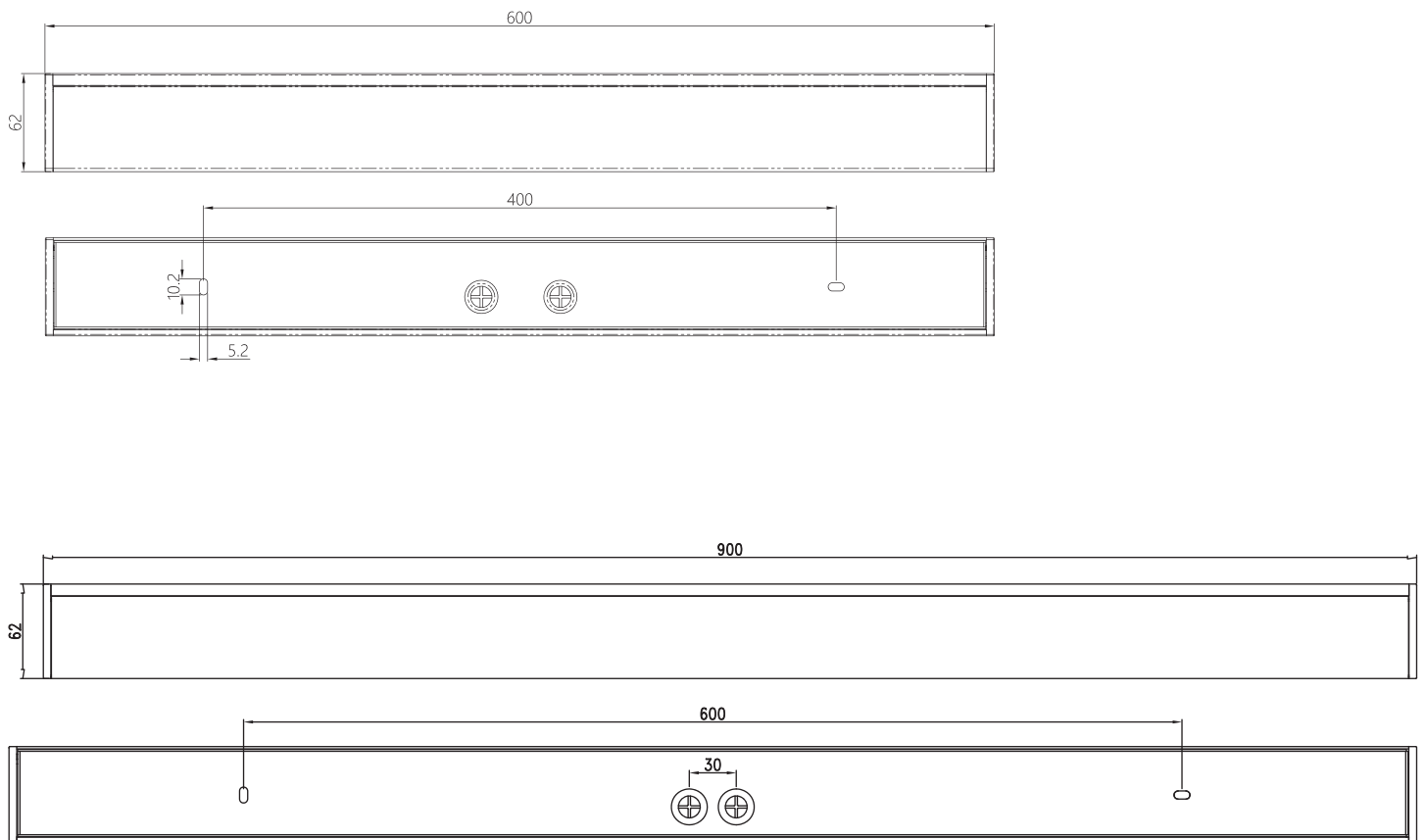
Nominal wattage	15 W
Nominal voltage	AC 220-240V
Operating frequency	50/60Hz
Luminous flux with 3000K	1350 lm
Luminous flux with 4000K	1450 lm
Input current	80 mA
Power Factor	0.8
Working temperature range	-20°C ...+40°C
L70 lifetime with Ta: 25°C	100,000 hrs
Switching cycles:	> 100,000 times
PstLM	< 1
SVM	<0.4
Beam angle:	150°
Dimmable:	Yes
SDCM:	3 steps
IP rating	IP44
Energy class	F

Specifications

EAN Code	Module Wattage*	Size mm (LxWxH)	CCT (Kelvin)*	Rated Flux (Lm) *	CRI (Ra)*	Beam angle*	Energy Class	SDCM	Finishing
MONTANA GEN2 CCT									
5702100100004	15	600x62x62	3000/4000	1350/1450	90	150°	F	3	White
5702100109007	15	900x62x62	3000/4000	1350/1450	90	150°	F	3	White

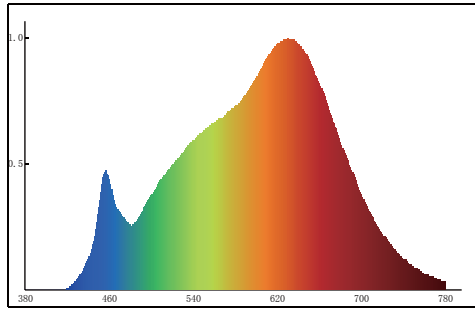
* Due to the special conditions of the manufacturing processes of LED, the typical data of technical parameters can only reflect statistical figures and do not necessarily correspond to the actual parameters of each single product which could differ from the typical value. A max 10% tolerance is deemed to be acceptable in any case.

Dimension drawing

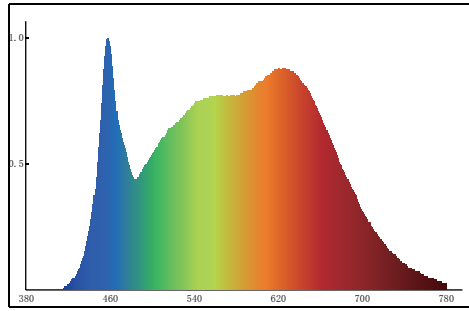


Spectrum Distribution

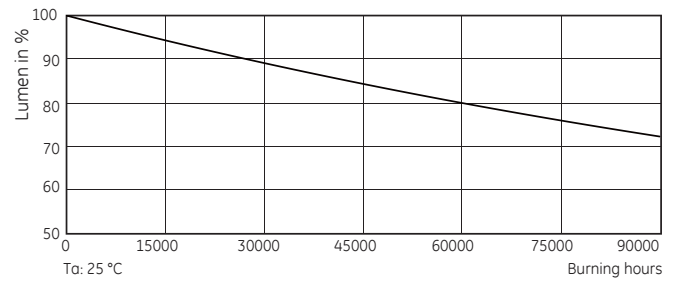
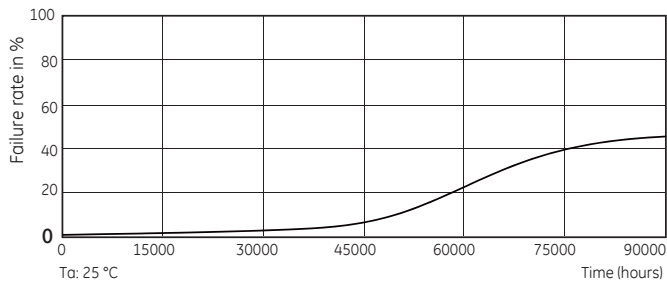
Warm white - 3000K



Warm white - 4000K



Lifetime



Maximum loading of automatic circuit breakers

Breaker type	C10	C13	C16	C20	B10	B13	B16	B20	Inrush current	Inrush time
MONTANA GEN2 CCT	85	110	140	160	40	60	70	85	I_{max} 3.5 A	310 μ s

This are max. values calculated out of inrush current! Please consider not to exceed the maximum rated continuous current of the circuit breaker. Actual values may differ due to used circuit breaker types and installation environment.