TELECTRONICS
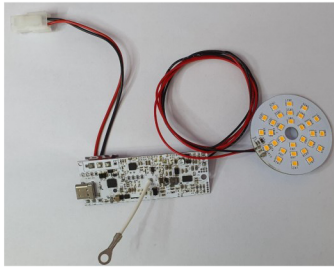
RoHs COMPLIANT

- ♦ Long Lasting Portable Lamp Engine
- ♦ Maximum Power during charging: 23W
- ♦ Max. expected Battery charging time : 1h 50m
- ♦ Autonomy with suggested Battery and Led Module: > 8h 30m
- ♦ Safe expedition switch to detach battery
- ♦ Available Configurations: Internal or external touch,
  On board or remote USB-C plug,

Module Code SK_UNICA

Dimensions and Weight

PHYSICALS	Lenght(mm)	Width(mm)	Weight(gr.)
SK_UNICA	75(**)	28(**)	29

Description

System is a fully configurable Portable Lamp Management/Battery Charger

Specification

Battery Section[1,2]	Tecnology	LiPo/Li Ion
	Capacity Typical[3]	[1-2-3]x3.6V-3350mAh,
		10.8V-4400mAh
		14.8V-3200mAh/12800mAh
		11.1V-7000mAh
Power Income Section	Technology	USB-C self negotiating
	Connector	USB-C built-in or remotable [1] receptacle
	Voltage/Current, According to Battery Section[1]	5-20 V configurable in 0.5V step
		2.8A max charging current
Led Power Supply	Constant Current Mode[1]	Maximum programmable Current 500mA
		Maximum Voltage 36V
	Constant Voltage Mode[1]	6V-34V
		Maximum Power 12W
Touch Section	Built In touch function usefull in quiet environment and for brass, iron covers[1]	Remoted touch function usefull in harsh environment and for Al, INOX [1]
Control Section	Mode A[1]	Short Touch ON/OFF Long Touch DIMMING UP/DOWN
	Mode B[1]	Long Touch ON/OFF Short Touch STEP UP/DOWN (max 10 step)
Features	Dimming Level at switch-off saved in EPROM	
	One state led for charging/battery error	
	One state led for touch/no touch	
	Full charge flashing, operative under charge	

Maintenance

System is maintenace free

Example Performance Graphs: Voltage vs time, Flux vs time
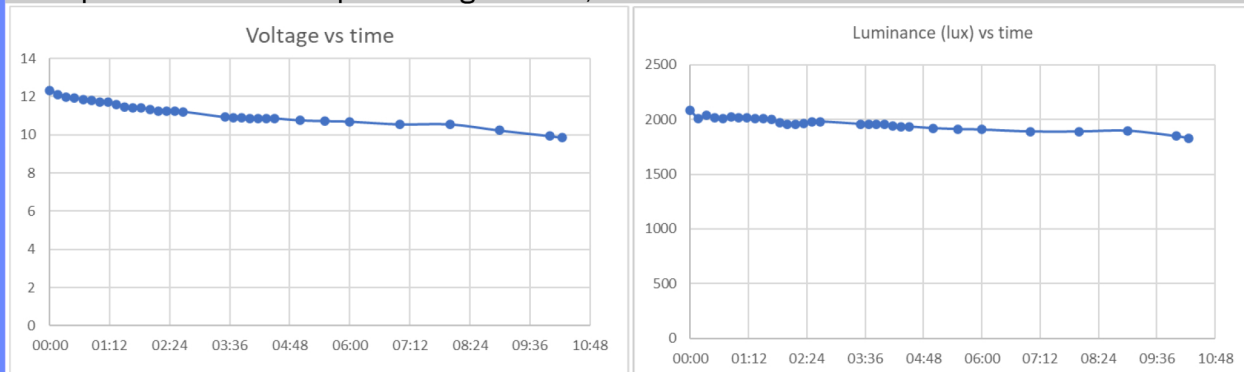
Code Ordering Table and Special Codes vyzw (ex. SK_UNICA_007,2)

Code	Touch	USB Plug Position	Battery Voltage
SK_UNICA	0=internal,1= external	0=on board, 1=external	3,6V-7,2V...14,8V

1 To be specified in the Request of Offer
2 Battery is not supplied
3 These battery are tested and in use
**** Lumiled Eff.Led 142lm/W@2700°K[Feb..2020]