TEKNA

Smart Wireless control unit
with integrated power supply
for 24Vdc LEDs.

24VDC LEDs CONTROL

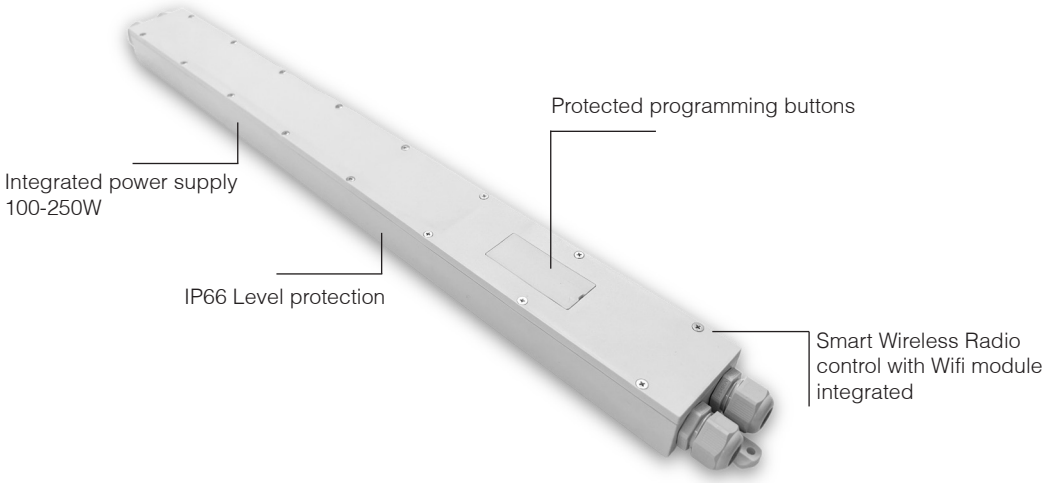
Ideal for the management of the lighting of pergolas and outdoor systems

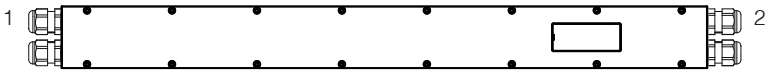
Smart and wireless electronics control for remote command

IP66 plastic box with wiring and customizable connectors

TKL 100/ONE

Universal LED controller settable as Dimmer LED Control, CCT tunable white, RGB or RGBW.

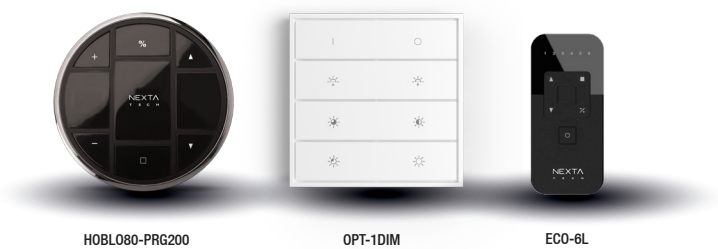




1.230W power input - cable L=50cm
2.LED output with multiple cable 5x1 - L=50cm

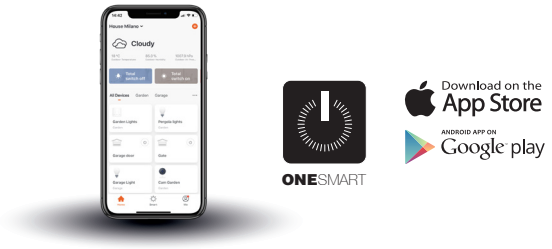
Code	TKL 100/ONE	TKL 250/ONE
Power supply	230 Vac	230 Vac
Integrated power supply	100W	250W
Max power on outputs	Max 100W for output	Max 120W for output Max on 4 outputs 250W
Settable fuction	Dimmer 4 synchronized outputs, CCT, RGB, RGBW	Dimmer 4 synchronized outputs
N. prog. transmitters	30	30
Radio Frequency	433.920 MHz ISM (868 on request)	433.920 MHz ISM (868 on request)
Wireless Smart	WiFi 2,4GHz	WiFi 2,4GHz
Remote Smart control	App OneSmart	App OneSmart
Voice control	Google home, Alexa Amazon	Google home, Alexa Amazon
IP Level protection	IP66	IP66
Working temperature	-20 +55 °C	-20 +55 °C
Dimensions	54x26x600 mm	54x26x600 mm

Remote controls



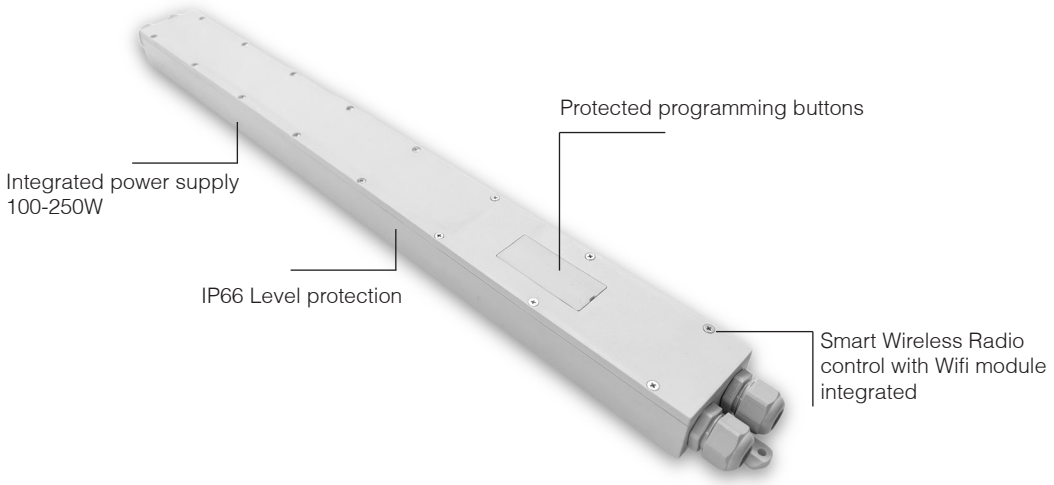
H0BL080-PRG200 OPT-1DIM ECO-6L

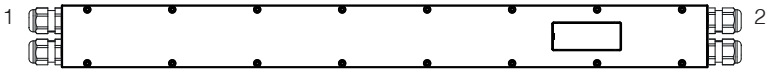
Smart control



TKL 100/ONE4

LEDs control 4 indipendent Dimmer outputs





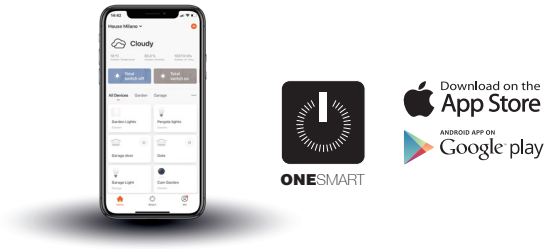
1.230W power input - cable L=50cm
2.LED output with multiple cable 5x1 - L=50cm

Code	TKL 100/ONE4	TKL 250/ONE4
Power supply	230 Vac	230 Vac
Integrated power supply	100W	250 W
Max power on outputs	Max 100W for output	Max 120W for output Max on 4 outputs 250W
Settable fuction	Dimmer 4 indipendent outputs	Dimmer 4 indipendent outputs
N. prog. transmitters	30	30
Radio Frequency	433.920 MHz ISM (868 on request)	433.920 MHz ISM (868 on request)
Wireless Smart	WiFi 2,4GHz	WiFi 2,4GHz
Remote Smart control	App OneSmart	App OneSmart
IP Level protection	IP66	IP66
Working temperature	-20 +55 °C	-20 +55 °C
Dimensions	54x26x600 mm	54x26x600 mm

Remote controls

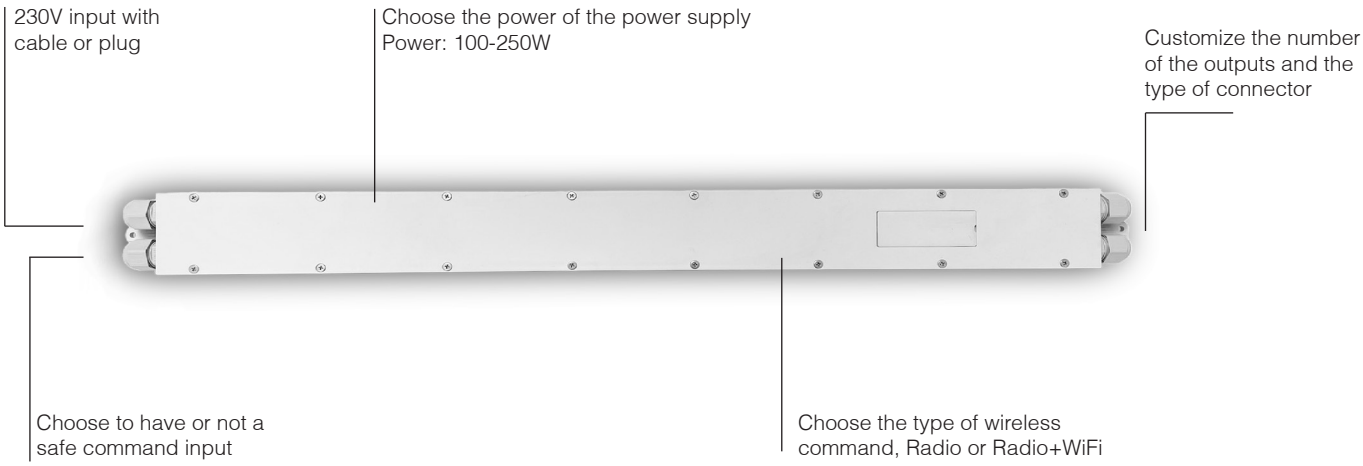
HOBL080-PRG200 OPT-1DIM ECO-6L

Smart control



CUSTOMIZE YOUR CONTROL UNIT

For MOQ 20pcs it's possible customize input and output wiring by command and power supply of the code TKL 100/ONE4.



CREATE YOUR OWN CODE

TKL 100 W4 / 1 EP5 / P i

CODE

Integrated power supply:

- 100W
- 250W

Type of wireless communication:

- W4/:Radio 433Mhz + Wifi App OneSmart
- W8/: Radio 868Mhz +Wifi App OneSmart
- R4/: Radio 433Mhz
- R8/: Radio 868Mhz

Number of LEDs outputs: 1,2,3,4

Type of wiring:

EP Connector Max 5A

EP3 Connector 35135-Max 3A

EP5 Connector 5521-Max 5A

Wiring power supply 230V:

/ P Plug Schuko

/ F Cable

3 wires cable output for single or double-button inputs

Example: CODE: TKL250 W8/4EP/Pi
Control unit with Radio 868Mhz and Wifi command for 4 24V LEDs lines with EP type output connector, 230V power supply with Schuko plug. Two wired inputs for command ON-OFF o synchronized or indipendent dimming of all LED outputs.