

USER'S GUIDE

WBAR

INTRODUCTION

This note contains all the instructions and precautions for a safe set up and an optimal use of the product.

Warning: we are not responsible if any of these items below would not be respected and in this case, the TPL Vision's warranty shall not apply anymore to this product.

SAFETY AND OPERATING INFORMATION

Electric class : III - voltage < 30V in continuous mode and no ground terminal needed

IP class of the product: IP67—stainless steel, waterproof

Ambiant operating temperature 0°C à 40°C

!! Attention!! Thermal shocks must be avoided so that not to create condensation or to damage the product badly.

!! Attention!! DO NOT PLUG DIRECTLY THE PRODUCT WITH 24 VDC, please use the power supply controller advised by TPL Vision. If this advice is not respected the product can be destroyed and someone could get electrocuted.

!!Attention!! For thermal reasons this product must be used in strobe mode only. Please see the back of this document for more information about how to strobe the WBAR properly.

Do not modify the product even partially

Do not clean while operating

Do not cover with a heat insulation or do not lock in a sealed area

Do not stare into the beam and follow the instructions below:

- If possible set up a filter to block the product's light radiation between the lighting product and the surrounding worker
- When the implementation of a filter is not possible, provide glasses or an adequate protection mask to workers in order to block the light radiation
- Forbid or limit as possible direct access to the light source (exposure in the axis of radiation)
- Point out a security area to prevent workers from getting too close to the light; please follow the NZOR (Nominal Zone of Optical Risk) recommendations given by TPL Vision (upon demand)



PACKAGING / SHIPPING / RECEPTION

The product is packaged in our factory using appropriate boxes and packages. They are made to avoid any damages by means of regular transportation.

However a damaged parcel should be reported to the carrier upon receipt and stated officially at its reception (as a "reserve"). Then, please report by writing to TPL VISION as soon as possible. (at least within 24 hours after the package reception). Any package damaged during transportation will not be taken back or replaced if it has not been reported on the travel voucher and to TPL VISION on time.

When you open the bag containing the product, any cutting blade should be avoided so as not to damage the product.

All accessories included in the package must be used if necessary (do not use other products or equivalent to replace

CLEANING (PRODUCT TURNED OFF):

Use a soft cloth.

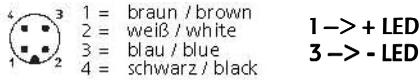
Do not use abrasive cleaning products.

THE « POLARIZER » OPTION

A polarizer can be added to your WBAR but it has to be specified from the order because this operation has to be done in our plant and cannot be mounted afterwards.

ELECTRICAL WIRING

- 1- Turn off overall system 24 VDC power supply
- 2- Make all connections (power off) thanks to the informations below:



Note: the WBAR do not include any power controller, so they must not be plugged directly on a 24VDC current, please use the power supply controller advised by TPL Vision.

!!Attention!! Do not change the settings of the controllers, they have been settled specially for the use of your product. For further more information please do not hesitate to contact us.

Normal set up :

« I » = total current at the peak (mA)

	WBAR12	WBAR18	WBAR24
I (mA)	700	1050	1400

Maximum ON time : 1 second

Maximum set ups allowed (strobe mode only) :

« I » = total current at the peak (mA)

« DC » = duty cycle

I =f(DC)	WBAR12	WBAR18	WBAR24
20%	700	1050	1400
10%	1000	1500	1800
5%	1200	1800	2200
1%	1400	2100	2600

SET UP PROCEDURE

Lighting shall not be settled while the product is powered on.

For the screws selection (not included) respect the following indications :

M6 threads are the best option to set up this product because it avoids any distortion of the WBAR which could reduce the waterproofness of the WBAR

!! Attention !! All the screws, nuts and threads needed to set up this product must be made out of stainless steel.

