

PWM(Pulse Width Modulation) Dimming Controller

Compact 1000-levels Digital Dimming Controller [ILP Series]

Lost cost compact 30W/2CH digital controller with a high-visibility display



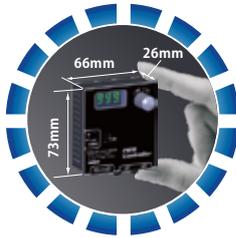
High-Cost Performance

Compact & high-cost performance 1000-levels digital dimming controller DC 24V input voltage ,easy to be mounted on a DIN rail.

The standard lineup includes output voltages of 12V and 24V, with output capacities of 30W/2CH/12V and 60W/2CH/24V.



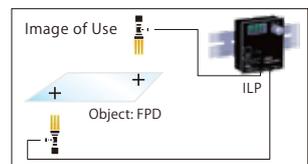
- By densely integrating components and optimizing the design, we have achieved industry-leading compact size and low cost for the 30W/2CH PWM controller.
- It features a clear digital display for easy visibility and allows for 1,000-step PWM control.



(* 1)As of our research conducted in March 2018.

Model	ILP-30M2	ILP-60M2-24
Control Method	1,000 levels PWM control / Approx. 80kHz	
Input Voltage	DC24V±10%	
Input Current	1.5A(Max)	2.5A(Max)
Output Voltage	DC12V	DC24V
Channel Number	2CH	
Capacity	Total30W	Total60W
External ON/OFF responsiveness	OFF→ON: 70μS or less, ON→OFF:20μS or less	

★Please refer to P.252 for the details of optional parts.

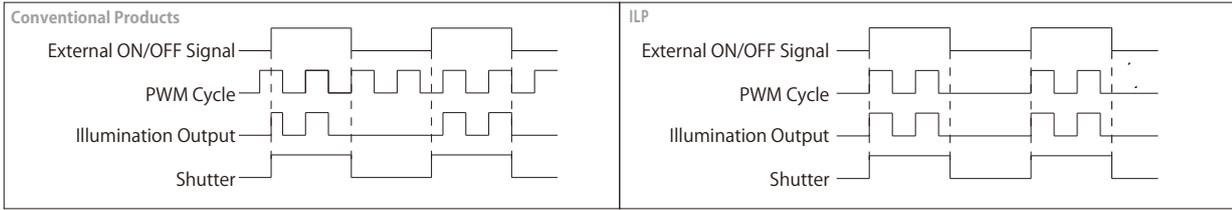


- IDBB-LSRF
- IDBC-LSR
- IDBB-LSRH
- IDBB-LSRA
- IDBB-LSRS
- IDBC-LSRC
- IDBB-LSRC
- IDBC-RE
- IDBB-RE
- IDBA-RK
- IQDH-RE
- IMAR-D_8ch
- IDR-LA-8ch
- IDRA-T-8ch
- IMAR-D
- IMAR-CT D
- IHR-LE
- IHRB · IHRA
- IDR-F
- IDR-F33/16
- IDR
- IDR-LA
- IDRA-T
- IFR · IPR
- IDBA-HM
- IDBA-HMS
- IDBA-HMS-IR
- IDBA-FD
- IDBA-LEH2
- IDBA-LEH
- IDBA-LE
- IDBA-SE
- IDBA-SL
- IDBA
- IDBA-Q
- IFLA · IFLB
- IDHM
- IHMA
- IHMA-V
- IFPA
- IFD
- IFD-IR
- IHMA-40D
- IFPA-D
- IPOC
- IFHA
- IDDB-KH · IDDA-KH
- IDUB
- IDD
- IDD-CB
- IQD · IQDH
- IQDA-CB
- IFVA · IFVB
- IFVA-ST
- IFV
- IV-14 · IV-30
- IHV-20 · IHVE-21
- IHVA-SP · IHSL-SP
- IBF
- IHV-FX
- RBOX
- IDBB-CH
- IDHRA
- UV-CAN
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- Infrared
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- IDDA-KH-RGB
- RGB Full-color
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- ISS
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- Kit products
- IDMU
- ILP
- ILC
- ILV
- ILS
- IPPA_G · IRPA_G
- IPSA · IPPA
- IDGC
- IDPA
- IDCA
- IMC
- IWDV-24
- IWDV(S)-48
- ISC
- IJS
- IJS-30M2-TP/SS
- ILS-40M2-PI/SS
- SAG
- SLLUB
- LLUB
- IFIC

Line illumination products
 Ring illumination products
 Bar illumination products
 Dome illumination products
 Special illumination products
 for products
 Controller products
 for illumination products

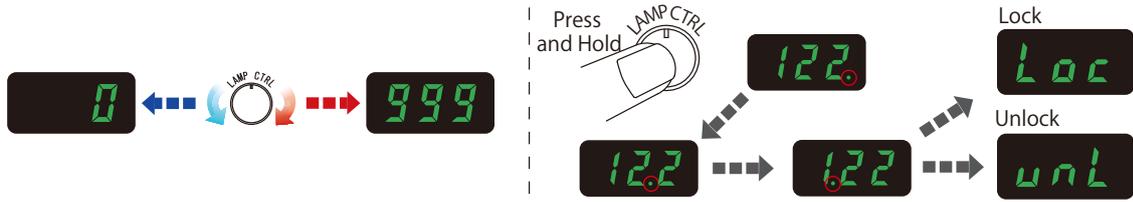
Synchronized External ON/OFF Signal And Illumination Output

In conventional products, the external ON/OFF signal and the internal PWM cycle were asynchronous, resulting in variation in brightness with each illumination. In ILP series, the PWM cycle is synchronized with the external ON/OFF signal, eliminating variation in brightness with each illumination.

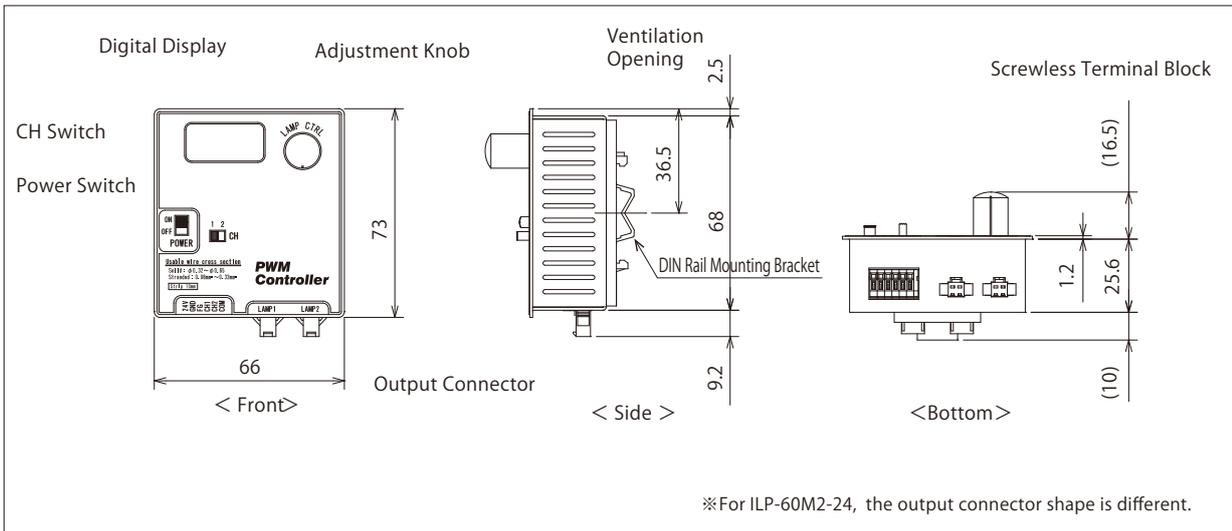
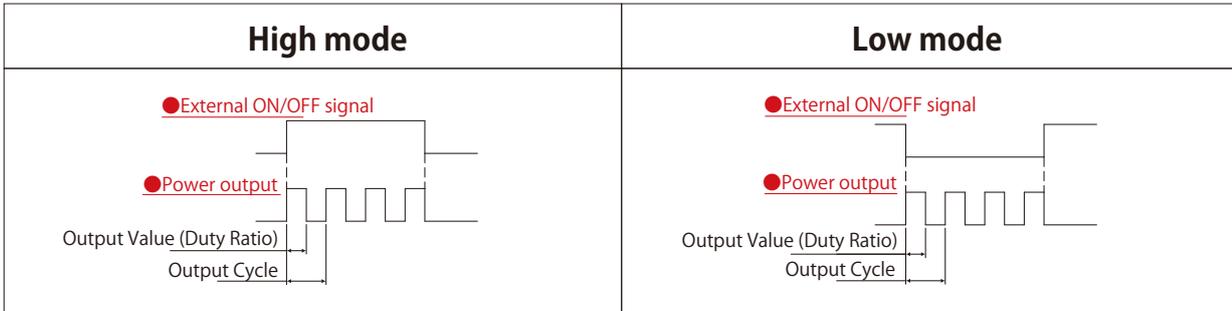
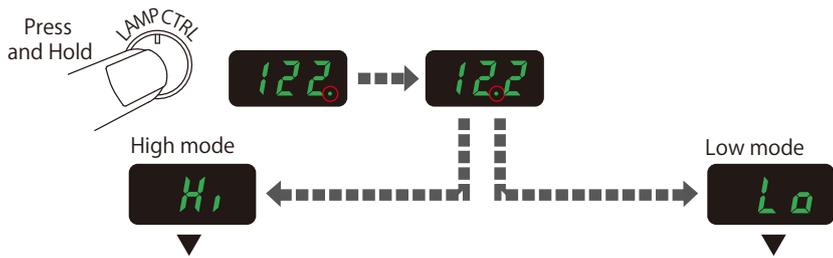


Easy To Monitor The Setting Value With A High-visibility Digital Display

Highly visible digital display allows for precise control with 1,000 gradations. The variable speed of the output can be adjusted quickly to the desired value by rotating the dimming knob at different speeds. Additionally, the settings for each CH could be locked by pressing and holding the dimming knob.



Logical Inversion Function, Which Allows External ON/OFF Signals And Illumination Output To Be Inverted.



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- IDBA-FD
- IDBA-LEH2
- IDBA-LEH
- IDBA-LE
- IDBA-SE
- IDBA-SL
- IDBA
- IDBA-Q
- IFLA · IFLB
- IDHM
- IHMA
- IHMA-V
- IFPA
- IFD
- IFD-IR
- IHMA-40D
- IFPA-D
- IPQC
- IFHA
- IDDB-KH · IDDA-KH
- IDUB
- IDD
- IDD-CB
- IQD · IQDH
- IQDA-CB
- IFVA · IFVB
- IFVA-ST
- IFV
- IV-14 · IV-30
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