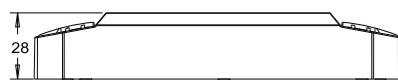
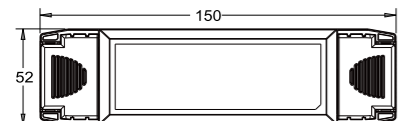
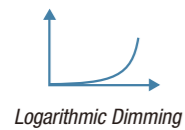
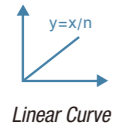


DALI Dimmable LED Drivers



unit:mm

ML10C-PDV

10W NON-FLICKERING DALI DIMMABLE LED DRIVER C.C.

- Flicker-free for whole dimming range
- Stand-by power below 0.5W
- Primary dimming with push button
- Secondary dimming with 1-10V dimmer and potentiometer
- Built-in DALI interface
- Supports 10V PWM dimming (3KHz-8KHz)
- Protection: short circuit / over temperature/ over voltage
- Derating current for over high ambient temperature
- Push dim with memory function
- 5 year warranty

Flicker-free



ML10C-PDV



SPECIFICATIONS

Model	ML10C-PDV
Dim Interface	PUSH, DALI
Dimming Range	0%-100%
Input Voltage	220-240Vac, 50/60Hz
Stand-by Power	<0.5W
Efficiency	80% Max. @230Vac (Full Load)
Output current/voltage & load	350mA/ 3-30Vdc/ 10.5W Max.
Safety standard	EN 61347-1, EN 61347-2-13, EN 62493, EN 60598-1, DIN 57710-14
EMC standard	EN 55015, EN 61000-3-2, EN 61000-3-3, EN 61547
DALI standard	IEC62386-102, IEC62386-207
Certification	CE
Operation Temp.	-25°C ~50°C
IP rating	IP20

ML30C-PDV/ML40C-PDV/ML40C-PDV1/ML50C-PDV

30W/40W/50W NON-FLICKERING DALI DIMMABLE LED DRIVER C.C.

- Flicker-free for whole dimming range
- Stand-by power below 0.5W
- Primary dimming with push button
- Secondary dimming with 1-10V dimmer and potentiometer
- Built-in DALI interface
- Supports 10V PWM dimming (3KHz-8KHz)
- Protection: short circuit / over temperature/ over voltage
- Derating current for over high ambient temperature
- Push dim with memory function
- 5 year warranty

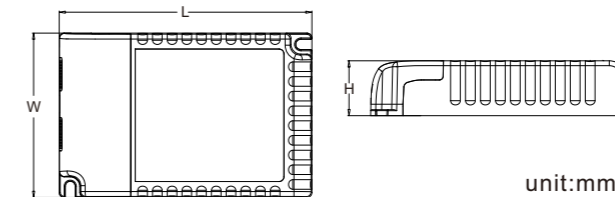
Flicker-free



ML30C-PDV

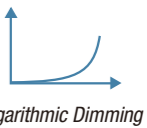
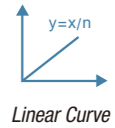


ML40C-PDV/ML40C-PDV1/ML50C-PDV



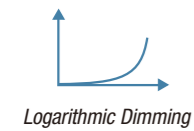
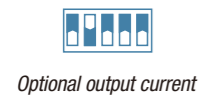
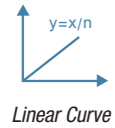
SPECIFICATIONS

Model	ML30C-PDV	ML40C-PDV	ML40C-PDV1	ML50C-PDV
Dim Interface	1-10V, PUSH, DALI	1-10V, PUSH, DALI	1-10V, PUSH, DALI	1-10V, PUSH, DALI
Dimming Range	0%-100%	0%-100%	0%-100%	0%-100%
Input Voltage	220-240Vac, 50/60Hz	220-240Vac, 50/60Hz	220-240Vac, 50/60Hz	220-240Vac, 50/60Hz
Stand-by Power	<0.5W	<0.5W	<0.5W	<0.5W
Efficiency	86% Max. @230Vac (Full Load)	87% Max. @230Vac (Full Load)	87% Max. @230Vac (Full Load)	87% Max. @230Vac (Full Load)
Output current/voltage & load	250mA/ 6-58Vdc/ 1.5-14.5W 350mA/ 6-58Vdc/ 2.1-20.3W 400mA/ 6-58Vdc/ 2.4-23.2W 450mA/ 6-58Vdc/ 2.7-26.1W 500mA/ 6-58Vdc/ 3.0-29W 550mA/ 6-55Vdc/ 3.3-30W 600mA/ 6-50Vdc/ 3.6-30W 700mA/ 6-43Vdc/ 4.2-30W	250mA/ 6-58Vdc/ 1.5-14.5W 350mA/ 6-58Vdc/ 2.1-20.3W 500mA/ 6-58Vdc/ 3.0-29W 700mA/ 6-58Vdc/ 4.2-40W	700mA/ 6-58Vdc/ 4.2-40W 800mA/ 6-50Vdc/ 4.8-40W 900mA/ 6-45Vdc/ 5.4-40W 950mA/ 6-42Vdc/ 5.7-40W 1050mA/ 6-38Vdc/ 6.3-40W 1200mA/ 6-33Vdc/ 7.2-40W	700mA/ 6-58Vdc/ 4.2-40.6W 800mA/ 6-58Vdc/ 4.8-46.4W 900mA/ 6-56Vdc/ 5.4-50W 1050mA/ 6-48Vdc/ 6.3-50W 1200mA/ 6-41Vdc/ 7.2-50W 1300mA/ 6-38Vdc/ 7.8-50W 1400mA/ 6-36Vdc/ 8.4-50W
Safety standard	IEC/EN 61347-1, IEC/EN 61347-2-13, EN 62493, IEC/EN 60598-1, DIN 57710-14	IEC/EN 61347-1, IEC/EN 61347-2-13, EN 62493, IEC/EN 60598-1, DIN 57710-14	IEC/EN 61347-1, IEC/EN 61347-2-13, EN 62493, IEC/EN 60598-1, DIN 57710-14	IEC/EN 61347-1, IEC/EN 61347-2-13, EN 62493, IEC/EN 60598-1, DIN 57710-14
EMC standard	EN 55015, EN 61000-3-2, EN 61000-3-3, EN 61547	EN 55015, EN 61000-3-2, EN 61000-3-3, EN 61547	EN 55015, EN 61000-3-2, EN 61000-3-3, EN 61547	EN 55015, EN 61000-3-2, EN 61000-3-3, EN 61547
DALI standard	IEC62386-102, IEC62386-207	IEC62386-102, IEC62386-207	IEC62386-102, IEC62386-207	IEC62386-102, IEC62386-207
Certification	Semko, CE	Semko, CE	Semko, CE	Semko, CE
Operation Temp.	-25°C ~50°C	-25°C ~50°C	-25°C ~50°C	-25°C ~50°C
IP rating	IP20	IP20	IP20	IP20
Dimension (LxWxH)	103x67x22mm	123x79x24mm	123x79x24mm	123x79x24mm



DALI Dimmable LED Drivers

DALI Dimmable LED Drivers

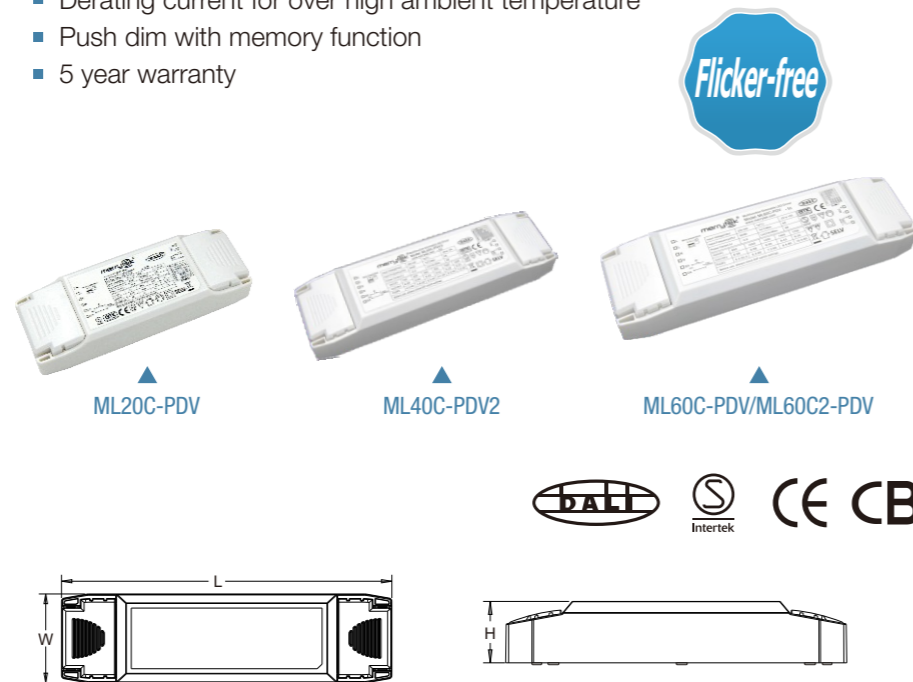


SPECIFICATIONS

Model	ML20C-PDV	ML40C-PDV2	ML60C-PDV	ML60C2-PDV
Dim Interface	1-10V, PUSH, DALI	1-10V, PUSH, DALI	1-10V, PUSH, DALI	1-10V, PUSH, DALI
Dimming Range	0%-100%	0%-100%	0%-100%	0%-100%
Input Voltage	220-240Vac, 50/60Hz	220-240Vac, 50/60Hz	220-240Vac, 50/60Hz	220-240Vac, 50/60Hz
Stand-by Power	<0.5W	<0.5W	<0.5W	<0.5W
Efficiency	85% Max. @230Vac (Full Load)	87% Max. @230Vac (Full Load)	87% Max. @230Vac (Full Load)	87% Max. @230Vac (Full Load)
Output current/voltage & load	250mA/6-60Vdc/1.5-15W 350mA/6-58Vdc/2.1-20W 500mA/6-40Vdc/3.0-20W 700mA/16-28.5Vdc/4.2-20W	700mA/ 6-58Vdc/ 4.2-40W 800mA/ 6-50Vdc/ 4.8-40W 900mA/ 6-45Vdc/ 5.4-40W 950mA/ 6-42Vdc/ 5.7-40W 1050mA/ 6-38Vdc/ 6.3-40W 1200mA/ 6-33Vdc/ 7.2-40W	900mA/ 6-58Vdc/ 5.4-52.2W 1050mA/ 6-58Vdc/ 6.3-60W 1200mA/ 6-50Vdc/ 7.2-60W 1400mA/ 6-43Vdc/ 8.4-60W 1750mA/ 6-34Vdc/ 10.5-60W	350mA/ 6-58Vdc/ 2x(2.1-20.3W) 500mA/ 6-58Vdc/ 2x(3.0-29W) 700mA/ 6-42Vdc/ 2x(4.2-29.4W) 900mA/ 6-33Vdc/ 2x(5.4-30W)
Safety standard	IEC/EN 61347-1, IEC/EN 61347-2-13, EN 62493, IEC/EN 60598-1, DIN 57710-14	IEC/EN 61347-1, IEC/EN 61347-2-13, EN 62493, IEC/EN 60598-1, DIN 57710-14	IEC/EN 61347-1, IEC/EN 61347-2-13, EN 62493, IEC/EN 60598-1, DIN 57710-14	IEC/EN 61347-1, IEC/EN 61347-2-13, EN 62493, IEC/EN 60598-1, DIN 57710-14
EMC standard	EN 55015, EN 61000-3-2, EN 61000-3-3, EN 61547	EN 55015, EN 61000-3-2, EN 61000-3-3, EN 61547	EN 55015, EN 61000-3-2, EN 61000-3-3, EN 61547	EN 55015, EN 61000-3-2, EN 61000-3-3, EN 61547
DALI standard	IEC62386-102, IEC62386-207	IEC62386-102, IEC62386-207	IEC62386-102, IEC62386-207	IEC62386-102, IEC62386-207
Certification	Semko, CE	Semko, CE	Semko, CE	Semko, CE
Operation Temp.	-25°C ~50°C	-25°C ~50°C	-25°C ~50°C	-25°C ~50°C
IP rating	IP20	IP20	IP20	IP20
Dimension (LxWxH)	150x52x28mm	202x58x30mm	220x58x40mm	220x58x40mm

ML20C-PDV/ ML40C-PDV2/ML60C-PDV/ML60C2-PDV
20W/40W/60W/2X30W NON-FLICKERING DALI DIMMABLE LED DRIVER C.C.

- Flicker-free for whole dimming range
- Stand-by power below 0.5W
- Primary dimming with push button
- Secondary dimming with 1-10V dimmer and potentiometer
- Built-in DALI interface
- Supports 10V PWM dimming (3KHz-8KHz)
- Protection: short circuit / over temperature/ over voltage
- Derating current for over high ambient temperature
- Push dim with memory function
- 5 year warranty



ML75V-PDV/ML75V-PDV1

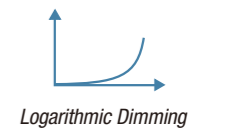
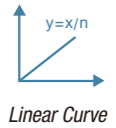
12VDC/24VDC NON-FLICKERING DALI DIMMABLE LED DRIVER C.V.

- Flicker-free for whole dimming range
- 12/24Vdc constant voltage
- Stand-by power below 0.5W
- Primary dimming with push button
- Secondary dimming with 1-10V dimmer and potentiometer
- Built-in DALI interface
- Supports 10V PWM dimming (3KHz-8KHz)
- Protection: short circuit / over temperature/ over voltage
- Push dim with memory function
- 5 year warranty



SPECIFICATIONS

Model	ML75V-PDV	ML75V-PDV1
Dim Interface	1-10V, PUSH, DALI	1-10V, PUSH, DALI
Dimming Range	0%-100%	0%-100%
Input Voltage	220-240Vac, 50/60Hz	220-240Vac, 50/60Hz
Stand-by Power	<0.5W	<0.5W
Efficiency	85% Max. @230Vac (Full Load)	85% Max. @230Vac (Full Load)
Output current/voltage & load	6.25A Max./ 12Vdc/ 75W Max.	3.13A Max./ 24Vdc/ 75W Max.
Safety standard	IEC/EN 61347-1, IEC/EN 61347-2-13, EN 62493, IEC/EN 60598-1, DIN 57710-14	IEC/EN 61347-1, IEC/EN 61347-2-13, EN 62493, IEC/EN 60598-1, DIN 57710-14
EMC standard	EN 55015, EN 61000-3-2, EN 61000-3-3, EN 61547	EN 55015, EN 61000-3-2, EN 61000-3-3, EN 61547
DALI standard	IEC62386-102, IEC62386-207	IEC62386-102, IEC62386-207
Certification	CE	CE
Operation Temp.	-25°C ~45°C	-25°C ~45°C
IP rating	IP20	IP20
Dimension (LxWxH)	220x58x40mm	220x58x40mm



DALI Dimmable LED Drivers

Natural Light Adaptive LED Drivers





Daylight harvesting



5 Year Guarantee

MLC40C-PA/MLC28C-PA1

40W/28W LED DRIVER INTEGRATED DAYLIGHT HARVESTING SENSOR C.C.

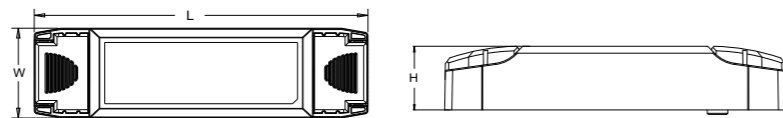
- LED driver integrated daylight harvesting sensor
- Automatically adaptive dimming according to the natural light and save more energy
- Applicable to offices, airports, public places like shopping malls where require minimum light in day time
- 5 year warranty



MLC40C-PA

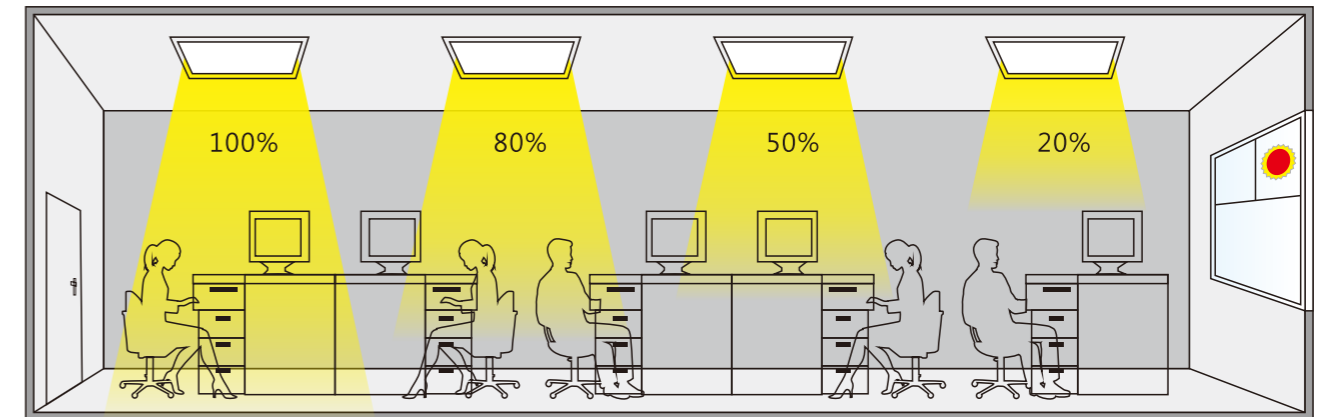


MLC28C-PA1



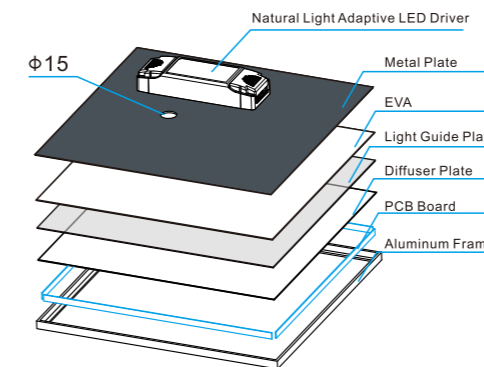
SPECIFICATIONS

Model	MLC40C-PA	MLC28C-PA1
Input Voltage	220~240Vac	220~240Vac
Output	700mA/750mA/800mA/ 850mA/900mA/950mA/ 1000mA/1050mA (30-40Vdc)	300mA/350mA/400mA/ 500mA/570mA/620mA/ 670mA (30-42Vdc)/ 720mA(30-39Vdc)
Power consumption	≤ 1W(stand-by)	≤ 1W(stand-by)
Daylight sensor	Target level: 100lux/150lux/ 200lux/250lux/300lux/350lux/ 400lux/450lux	150lux/300lux/ 400lux/500lux
Operating temperature	-25°C ~45°C	-25°C ~45°C
IP rating	IP20	IP20
Dimension (LxWxH)	202x52x30mm	158x52x28mm

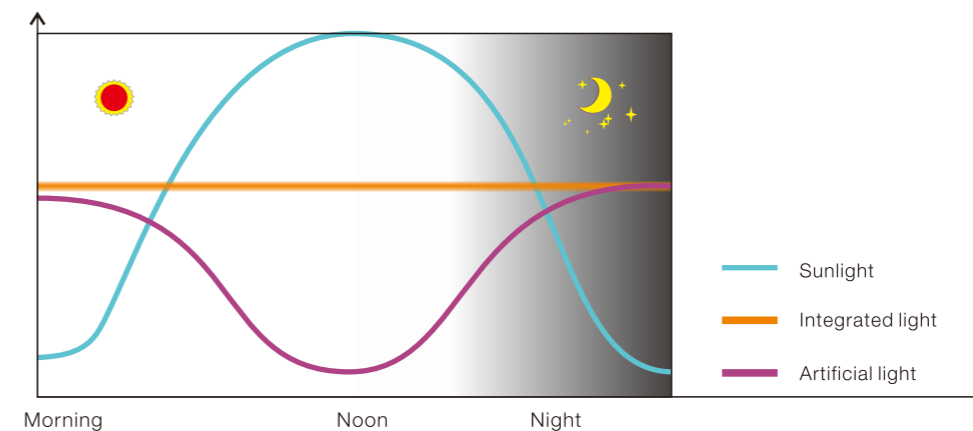
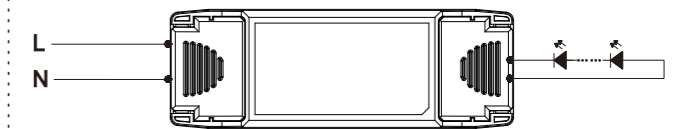


*All LED panel lights automatically adaptive dim according to the natural light.

How to install?



Wiring scheme



The drivers provide the technology of automatically adaptive dimming according to the natural light and save more energy. It is applicable to offices, airports, public places such as shopping malls, where require minimum light in the day time.