

MEAN WELL LCM-40DA

MEAN WELL LCM-40DA LED Driver Power Supply Instruction Manual

Model: LCM-40DA

1. INTRODUCTION

The MEAN WELL LCM-40DA is a 40W multiple-stage output current LED driver power supply designed for various LED lighting applications. This unit features a DALI control interface, allowing for intelligent dimming and control. It provides a constant current output, selectable from 350mA to 1050mA, with an input voltage range of 180-295VAC. This manual provides essential information for the safe and proper installation, operation, and maintenance of your LCM-40DA LED driver.

2. SAFETY INFORMATION

Please read and understand all safety instructions before installation or use. Failure to follow these instructions may result in electric shock, fire, or other hazards.

- **Risk of Electric Shock:** This product operates with high voltage. Installation and maintenance must be performed by qualified personnel only.
- **Disconnect Power:** Always disconnect power at the circuit breaker before installing, servicing, or cleaning the unit.
- **Intended Use:** Use this product only for its intended purpose as an LED driver. Do not modify the unit or use it for applications outside its specified ratings.
- **Ventilation:** Ensure adequate ventilation around the unit to prevent overheating. Do not cover the driver or install it in an enclosed space without proper airflow.
- **Environmental Conditions:** This unit is suitable for dry and damp locations. Avoid exposure to direct water spray or immersion.
- **Wiring:** All wiring must comply with national and local electrical codes. Ensure correct polarity and secure connections.

EN - Warning Information / DE - Warnhinweise / FR - Informations de sécurité / IT - Informazioni di avvertimento / ES - Información de advertencia / NL - Waarschuwinginformatie



EN - English (English)

Safety Use Declaration, please read and check carefully before installation and use.

Product packaging and small parts are not toys. Keep them away from children to prevent choking hazards. The product must be used under the conditions specified on the product label. Incorrect usage may cause overheating, falling, or malfunction. For electrical equipment, power must be disconnected during installation and debugging. It is recommended that installation and debugging be performed only by professionals. For products with lighting attributes, be aware of the potential for strong light glare. Please follow the product parameters and precautions for installation and use. The product must be securely and properly fixed. For unspecified use locations, please consult with the sales staff before use. For electrical equipment, pay attention to the allowable current, voltage, and ambient temperature. Avoid flammable materials nearby and ensure adequate heat dissipation.



DE - Deutsch (German)

Sicherheitshinweis zur Verwendung, bitte lesen und prüfen Sie vor der Installation und Nutzung sorgfältig.

Produktverpackungen und Kleinteile sind keine Spielzeuge. Halten Sie sie von Kindern fern, um Erstickengefahren zu vermeiden. Das Produkt muss unter den auf dem Produktetikett angegebenen Bedingungen verwendet werden. Falsche Verwendung kann zu Überhitzung, Herunterfallen oder Fehlfunktionen führen. Bei elektrischen Geräten muss während der Installation und Inbetriebnahme der Strom abgeschaltet sein. Es wird empfohlen, die Installation und Inbetriebnahme nur durch Fachleute durchführen zu lassen. Bei Produkten mit Leuchteigenschaften achten Sie auf mögliche Blendung durch starkes Licht. Befolgen Sie die Produktparameter und Vorsichtsmaßnahmen für die Installation und Nutzung. Das Produkt muss sicher und fest montiert werden. Für nicht spezifizierte Einsatzorte wenden Sie sich bitte vor der Nutzung an das Verkaufspersonal. Bei elektrischen Geräten achten Sie auf die zulässige Stromstärke, Spannung und Umgebungstemperatur. Vermeiden Sie brennbare Materialien in der Nähe und sorgen Sie für eine ausreichende Wärmeabfuhr.



FR - Français (French)

Déclaration d'utilisation sécurisée, veuillez lire et vérifier attentivement avant l'installation et l'utilisation.

Les emballages et les petites pièces du produit ne sont pas des jouets. Gardez-les hors de portée des enfants pour éviter tout risque d'étouffement. Le produit doit être utilisé dans les conditions spécifiées sur l'étiquette du produit. Une utilisation incorrecte peut entraîner une surchauffe, une chute ou un dysfonctionnement. Pour les équipements électriques, l'alimentation doit être coupée pendant l'installation et la mise en service. Il est recommandé que l'installation et la mise en service soient effectuées uniquement par des professionnels. Pour les produits lumineux, faites attention à l'éblouissement causé par une lumière forte. Veuillez suivre les paramètres du produit et les précautions pour l'installation et l'utilisation. Le produit doit être fixé de manière sécurisée et complète. Pour les lieux d'utilisation non spécifiés, veuillez consulter le personnel de vente avant utilisation. Pour les équipements électriques, faites attention au courant, à la tension et à la température ambiante autorisés. Évitez les matériaux inflammables à proximité et assurez une dissipation thermique adéquate.



IT - Italiano (Italian)

Dichiarazione di utilizzo sicuro, leggere e controllare attentamente prima dell'installazione e dell'uso.

L'imballaggio del prodotto e le piccole parti non sono giocattoli. Tenerli lontano dalla portata dei bambini per evitare rischi di soffocamento. Il prodotto deve essere utilizzato nelle condizioni specificate sull'etichetta del prodotto. Un uso scorretto può causare surriscaldamento, caduta o malfunzionamento. Per le apparecchiature elettriche, l'alimentazione deve essere scollegata durante l'installazione e il collaudo. Si consiglia che l'installazione e il collaudo siano effettuati solo da professionisti. Per i prodotti con caratteristiche di illuminazione, fare attenzione al rischio di abbagliamento causato da una luce intensa. Si prega di seguire i parametri del prodotto e le precauzioni per l'installazione e l'uso. Il prodotto deve essere fissato in modo sicuro e completo. Per i luoghi di utilizzo non specificati, consultare il personale di vendita prima dell'uso. Per le apparecchiature elettriche, prestare attenzione alla corrente, alla tensione e alla temperatura ambiente consentite. Evitare materiali infiammabili nelle vicinanze e garantire un'adeguata dissipazione del calore.



ES - Español (Spanish)

Declaración de uso seguro, lea y verifique cuidadosamente antes de la instalación y el uso.

Los empaques del producto y las piezas pequeñas no son juguetes. Manténgalos fuera del alcance de los niños para evitar el riesgo de asfixia. El producto debe utilizarse en las condiciones especificadas en la etiqueta del producto. Un uso incorrecto puede provocar sobrecalentamiento, caídas o fallos. Para equipos eléctricos, la alimentación debe desconectarse durante la instalación y el ajuste. Se recomienda que la instalación y el ajuste sean realizados únicamente por profesionales. Para productos con propiedades luminosas, tenga cuidado con el deslumbramiento causado por la luz intensa. Siga los parámetros del producto y las precauciones para la instalación y el uso. El producto debe estar correctamente fijado. Para lugares de uso no especificados, consulte con el personal de ventas antes de usar. Para equipos eléctricos, preste atención a la corriente, el voltaje y la temperatura ambiente permitidos. Evite materiales inflamables cerca y asegúrese de una adecuada disipación de calor.



NL - Nederlands (Dutch)

Veiligheidsverklaring voor gebruik, lees en controleer zorgvuldig vóór installatie en gebruik.

Verpakkingen van het product en kleine onderdelen zijn geen speelgoed. Houd ze buiten het bereik van kinderen om verstikkingsgevaar te voorkomen. Het product moet worden gebruikt onder de omstandigheden die op het etiket van het product zijn aangegeven. Onjuist gebruik kan oververhitting, vallen of defecten veroorzaken. Voor elektrische apparatuur moet de stroom tijdens installatie en afstelling worden uitgeschakeld. Installatie en afstelling dienen alleen door vakmensen te worden uitgevoerd. Voor producten met lichtgevende eigenschappen, let op verblinding door sterk licht. Volg de productparameters en voorzorgsmaatregelen voor installatie en gebruik. Het product moet stevig en correct worden bevestigd. Voor niet gespecificeerde gebruiklocaties dient u contact op te nemen met het verkoopteam voordat u het product gebruikt. Voor elektrische apparatuur, let op de toegestane stroom, spanning en omgevingstemperatuur. Vermijd brandbare materialen in de buurt en zorg voor voldoende warmteafvoer.

MEXTRONIC / DELYCHI GMBH WAHLERSTR. 14 D-40472 DÜSSELDORF DEUTSCHLAND

Image 2.1: A close-up of the product label containing important safety information and declarations in multiple languages, including English, German, French, Italian, Spanish, and Dutch. This section emphasizes proper installation and usage precautions.

3. PRODUCT FEATURES

- Multiple-stage output current design.
- Built-in DALI interface and push dimming function.

- Selectable output current via DIP switch.
- Universal AC input / Full range (180-295VAC).
- Protections: Short circuit / Over voltage / Over temperature.
- Fully isolated plastic case.
- Class II power unit (no FG).
- Built-in active PFC function.



Image 3.1: An angled view of the MEAN WELL LCM-40DA LED driver, showcasing its compact design and primary labeling. The top surface displays input/output specifications and DIP switch settings for current adjustment.

4. SPECIFICATIONS

Parameter	Value
Model Number	LCM-40DA
Input Voltage Range	180 - 295 VAC

Parameter	Value
Input Frequency	47 - 63 Hz
Output Current (Selectable)	350mA, 500mA, 600mA, 700mA, 900mA, 1050mA
Output Voltage Range	2 - 100 VDC (depending on current setting)
Maximum Output Power	40 - 42 Watts
Control Interface	DALI, Push Dimming
Dimensions (L x W x H)	6.3 x 3.54 x 1.18 inches (160 x 90 x 30 mm)
Weight	0.24 Kilograms (8.47 ounces)
Manufacturer	Mean Well

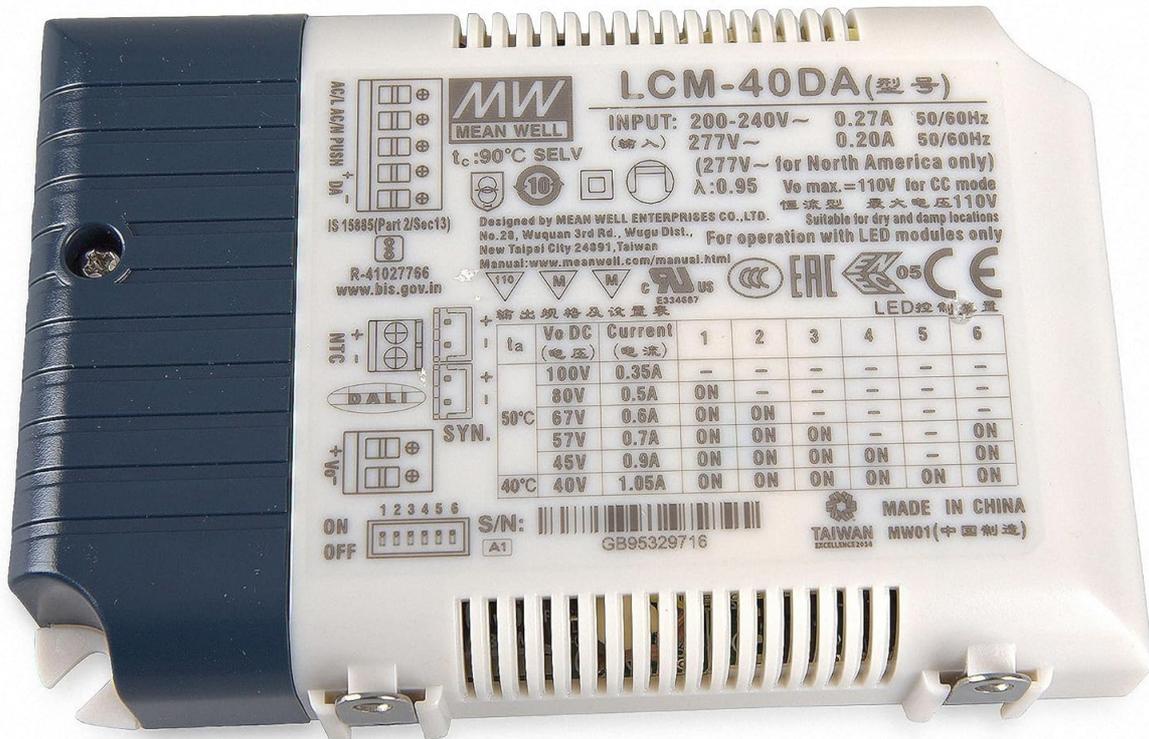


Image 4.1: A clear top-down view of the MEAN WELL LCM-40DA LED driver, highlighting the input/output terminals, DALI control interface, and the DIP switches used for selecting the output current. Detailed electrical specifications are visible.

5. SETUP AND INSTALLATION

Installation should only be performed by a qualified electrician in accordance with all applicable electrical codes.

5.1 Mounting

- Mount the LCM-40DA in a location that allows for adequate ventilation and prevents exposure to excessive heat or moisture.
- Use appropriate fasteners to secure the driver firmly to a stable surface.

5.2 Wiring Connections

Refer to the labeling on the unit for correct terminal connections.

- **AC Input:** Connect the AC input wires (L and N) to the designated input terminals. Ensure the input voltage is within the specified 180-295VAC range.
- **DC Output:** Connect the LED load to the DC output terminals (+V and -V). Observe correct polarity.
- **DALI Control:** Connect the DALI control lines (DA+, DA-) to the DALI interface terminals if using DALI dimming.

5.3 Output Current Selection

The output current is set using the DIP switches located on the unit. Ensure power is disconnected before adjusting DIP switches.

1. Locate the DIP switches on the top surface of the driver.
2. Refer to the current setting table printed on the unit to select the desired output current (e.g., 350mA, 500mA, 600mA, 700mA, 900mA, 1050mA) by setting the switches to the corresponding ON/OFF positions.
3. Verify the selected current matches the requirements of your LED load.

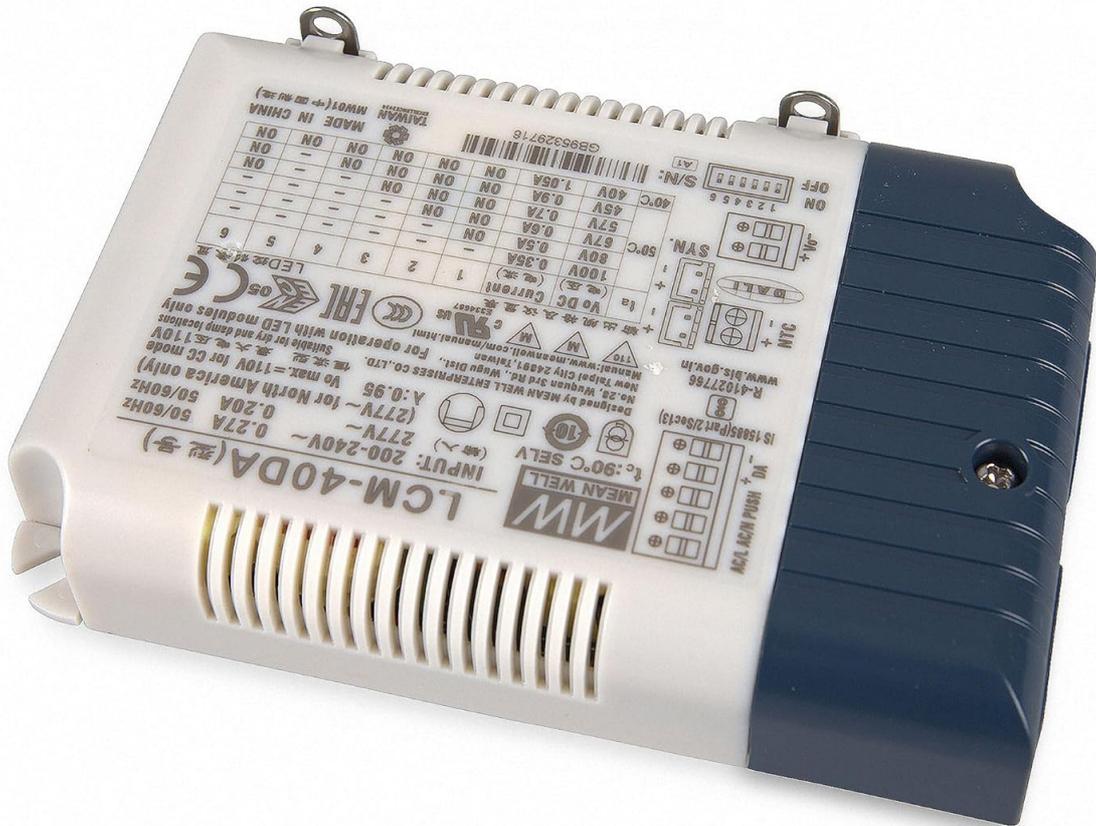


Image 5.1: A side profile view of the MEAN WELL LCM-40DA LED driver, illustrating its slim form factor and mounting tabs. This view emphasizes the ventilation slots on the casing.

6. OPERATING INSTRUCTIONS

Once properly installed and the output current is set, the LCM-40DA operates automatically when power is supplied.

- **Power On:** Apply AC power to the input terminals. The LED driver will power the connected LED load.
- **DALI Control:** If connected to a DALI system, the LED output can be controlled (e.g., dimming, on/off) via the DALI master controller.
- **Push Dimming:** If configured for push dimming, a momentary switch connected to the DALI terminals can be used to adjust the brightness.

7. MAINTENANCE

The LCM-40DA is designed for reliable operation with minimal maintenance. However, periodic checks can help ensure optimal performance and longevity.

- **Cleaning:** Ensure the unit is free from dust and debris, especially around ventilation openings. Disconnect power before cleaning. Use a dry, soft cloth.
- **Connections:** Periodically check all wiring connections to ensure they are secure and free from corrosion.
- **Environment:** Verify that the operating environment remains within the specified temperature and humidity ranges.

8. TROUBLESHOOTING

If the LED driver is not functioning as expected, consider the following common issues:

- **No Output:**
 - Check if AC input power is present and connected correctly.
 - Verify that the LED load is connected with correct polarity and is not short-circuited.
 - Ensure the output current setting via DIP switches is appropriate for the LED load.
- **Incorrect Dimming:**
 - Check DALI wiring for correct connections and polarity.
 - Verify the DALI master controller is functioning correctly.
 - If using push dimming, ensure the switch is correctly wired and functional.
- **Overheating:**
 - Ensure adequate ventilation around the unit.
 - Verify the ambient temperature is within the specified operating range.
 - Check if the load is within the driver's maximum power rating.

If issues persist after checking these points, please contact MEAN WELL technical support or your supplier.

9. WARRANTY AND SUPPORT

The MEAN WELL LCM-40DA LED driver is covered by a manufacturer's warranty. Please refer to the warranty card included with your product or visit the official MEAN WELL website for detailed warranty terms and conditions.

For technical support, troubleshooting assistance, or service inquiries, please contact your authorized MEAN WELL distributor or the manufacturer directly. Contact information can typically be found on the MEAN WELL official website: www.meanwell.com.



[MEAN WELL LCM-60DA Series: 60W Constant Current LED Driver Datasheet](#)

Comprehensive datasheet for the MEAN WELL LCM-60DA series 60W Constant Current Mode LED Drivers. Features include DALI interface, push dimming, wide input range, and high efficiency for LED lighting applications.



[MEAN WELL HLG-40H Series: 40W Constant Voltage & Constant Current LED Driver Specifications](#)

Comprehensive technical specifications and product overview for the MEAN WELL HLG-40H series 40W LED driver. Features include dual-mode CV/CC operation, IP65/IP67 rating, various dimming options, and wide operating temperature range for diverse lighting applications.



[MEAN WELL LCM-25 IoT Series: 25W Wireless Constant Current LED Driver Specifications](#)

Comprehensive technical specifications, features, applications, and performance data for the MEAN WELL LCM-25 IoT Series, a 25W wireless constant current LED driver with Bluetooth low energy mesh for intelligent lighting control.



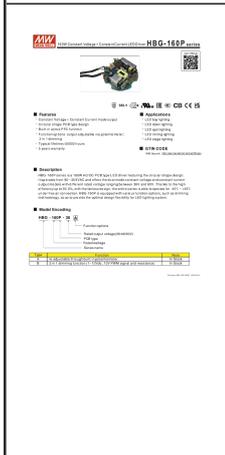
[MEAN WELL HBG-240 Series 240W Constant Voltage + Constant Current LED Driver Datasheet](#)

Comprehensive technical datasheet for the MEAN WELL HBG-240 series 240W LED driver. Details include specifications, features, dimming options (3-in-1, DALI), performance graphs, mechanical dimensions, and installation guidance for indoor and outdoor applications.



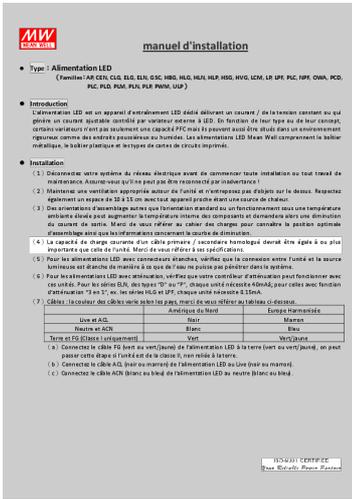
[MEAN WELL HVG-65 Series 65W Constant Voltage + Constant Current LED Driver Datasheet](#)

Technical specifications, features, and application details for the MEAN WELL HVG-65 series 65W LED driver. This driver offers dual-mode constant voltage and constant current output, a wide input voltage range (180-528VAC), IP65/IP67 ingress protection, and multiple dimming options, making it suitable for various indoor and outdoor LED lighting applications.



[MEAN WELL HBG-160P Series: 160W Constant Voltage + Constant Current LED Driver](#)

Datasheet for the MEAN WELL HBG-160P series, a 160W AC/DC LED driver featuring constant voltage/constant current output, high efficiency, fanless operation, and dimming capabilities for various LED lighting applications.

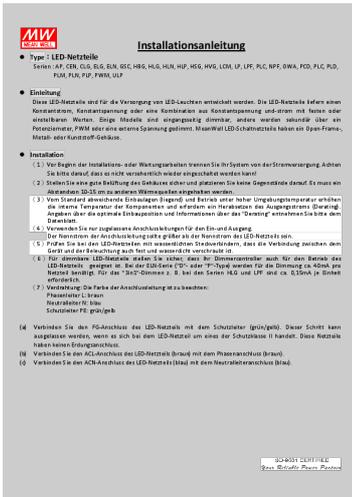


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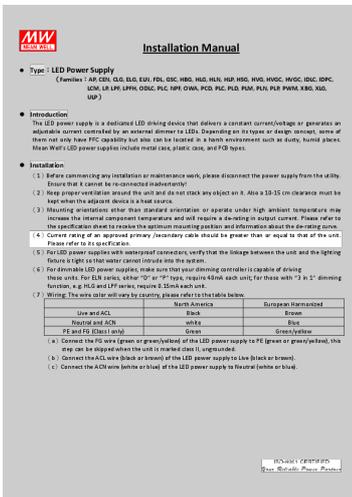


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Ficha técnica
DALI DRIVER MEAN WELL LCM40DA

LED BOX

DALI Driver MEAN WELL Ajustable LCM-40DA

LED DRIVER de Corriente Constante con control DALI especialmente diseñado para focos led proyectores led, luminarias led de farolas, campanas industriales y similares proporcionando una gran economía y vida útil.



ESPECIFICACIONES

Potencia	40W	Referencia	LCM40DA
Alimentación	AC220V	Color de luz	Por defecto
Entrada	AC180-260V		
Salida	0,7 - 42W		
Amparaje (rms)	350-1000mA		
Dimensiones del producto	40x20x10mm		
Dimensiones del packaging	40x20x10mm		
Interior exterior	Interior		
Protección IP	IP20		
Ques	Regulable		
Sistema de control	DALI		
Tipo de regulación	TRAC		
Eficiencia energética	A++		

DETALLES

La más versátil fuente para cualquier combinación de LEDs de alta potencia, desde 18W hasta 42W, incluso con los chips Cree XHP, MCE, ZF, Lumina, EpiStar.

El DRIVER Mean Well LCM permite el ajuste de voltaje y corriente con múltiples valores (30mA/350mA/400mA/450mA/500mA) mediante la combinación de los dos pines interconectados en el driver.

Incluye conexiones para control DALI

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DALI Driver MEAN WELL Ajustable LCM 40DA v1 cdn manomano files 1529187 |||

Ficha técnica DALI Driver MEAN WELL Ajustable **LCM-40DA** DALI Driver MEAN WELL Ajustable **LCM-40DA** LED DRIVER de Corriente Constante con control DALI especialmente diseñado para focos led proyectores led, luminarias led de farolas, campanas industriales y similares proporciona una gran economía y...

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MW LED DRIVER 40W Multiple-Stage Constant Current Mode LED Driver **LCM-40DA series**



Features

- Constant Current mode output with multiple levels selectable by dip switch
- Emergency lighting application is available according to IEC62547-2-13
- Built-in active PFC function and class II design
- Standby power consumption <math>< 50\text{mW}</math>
- Functions: DALI interface/algorithm or linear dimming curve selectable, push dimming, synchronization up to 10units
- 3 year warranty

Applications

- LED indoor lighting
- LED office lighting
- LED commercial lighting
- LED panel lighting
- Industrial lighting

CTM CODE

MW Series: www.meanwell.com/led/led_driver/led_driver.htm

Description

LCM-40DA series is a 40W AC/DC constant current mode output LED driver featuring the multiple levels selectable by dip switch and the DALI interface with the compliance to IEC62536. LCM-40DA operates from 180~265VAC and offers different current levels ranging between 350mA and 1000mA. Thanks to the high efficiency up to 91%, with the fanless design, the entire series is able to operate for -30°C~+60°C case temperature under free air convection. In addition, LCM-40DA is equipped with push dimming and synchronization functions, so as to provide the optimal design flexibility for LED lighting system.

Model Encoding

LCM-40DA - [AUX]

Function mode option: Blank or AUX type
[DAI] Built-in DALI interface and push dimming
[DA2] Built-in DALI 2 interface and push dimming
Output voltage
Series name

Type	Function	Note
Blank	Standby power consumption <math>< 50\text{mW}</math>	10-300mA
AUX	Standby power consumption <math>< 1.2\text{W}</math> and Auxiliary DC output (12V/50mA)	By request

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[pdf] User Manual Specifications

LCM 40DA MEAN WELL USA Inc PKC Компоненти РАДІОМАГ lcm 40da spec js static6 arrow aro conversion 9740265101d760c6d4bc89bab42ceb134ab6e736 |||

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MW LED DRIVER 40W Multiple-Stage Constant Current Mode LED Driver **LCM-40DA series**



Features

- Constant Current mode output with multiple levels selectable by dip switch
- Emergency lighting application is available according to IEC62547-2-13
- Built-in active PFC function and class II design
- Standby power consumption <math>< 50\text{mW}</math>
- Functions: DALI interface/algorithm or linear dimming curve selectable, push dimming, synchronization up to 10units
- 3 year warranty

Applications

- LED indoor lighting
- LED office lighting
- LED commercial lighting
- LED panel lighting
- Industrial lighting

CTM CODE

MW Series: www.meanwell.com/led/led_driver/led_driver.htm

Description

LCM-40DA series is a 40W AC/DC constant current mode output LED driver featuring the multiple levels selectable by dip switch and the DALI interface with the compliance to IEC62536. LCM-40DA operates from 180~265VAC and offers different current levels ranging between 350mA and 1000mA. Thanks to the high efficiency up to 91%, with the fanless design, the entire series is able to operate for -30°C~+60°C case temperature under free air convection. In addition, LCM-40DA is equipped with push dimming and synchronization functions, so as to provide the optimal design flexibility for LED lighting system.

Model Encoding

LCM-40DA - [AUX]

Function mode option: Blank or AUX type
[DAI] Built-in DALI interface and push dimming
[DA2] Built-in DALI 2 interface and push dimming
Output voltage
Series name

Type	Function	Note
Blank	Standby power consumption <math>< 50\text{mW}</math>	10-300mA
AUX	Standby power consumption <math>< 1.2\text{W}</math> and Auxiliary DC output (12V/50mA)	By request

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[pdf] User Manual Specifications

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40W Multiple-Stage Constant Current Mode LED Driver LCM-40DA series



Features

- Constant current mode output with multiple levels selectable by dip switch
- Plastic housing with class II design
- Built-in active PFC function
- Standby power consumption <math>< 0.5W</math>
- Functions: DALI inter-technology or linear dimming (curve selectable), push dimming, synchronization up to 10 units
- 3 year warranty

Applications

- LED indoor lighting
- LED office lighting
- LED architectural lighting
- LED panel lighting

Description

LCM-40DA series is a 40W AC/DC constant current mode output LED driver featuring the multiple levels selectable by dip switch and the DALI interface with the compliance to IEC62385:2017. LCM-40DA operates from 180~295V AC and offers different current levels ranging between 320mA and 1520mA. Thanks to the high efficiency up to 91%, with the feature design, the entire series is able to operate for 25°C~+40°C, which helps save under heat at connection. In addition, LCM-40DA is equipped with push dimming and synchronization so as to provide the optimal design flexibility for LED lighting system.

Model Encoding

LCM-40DA-AUX

- Function mode option
- Built-in DALI interface
- Output wattage
- Series name

Type	Function	Note
Basic	DALI and push dimming, with standby power consumption <math>< 0.5W</math>	LC-300-A
AUX	DALI and push dimming, with standby power consumption <math>< 0.5W</math> and Auxiliary DC output (By request)	LC-300-A

[pdf] Warranty

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L C M - 4 0 D A 40W Multiple-Stage Constant Current Mode LED Driver series Features IS 15885 Par ... LED indoor lighting LED office lighting LED architectural lighting LED panel lighting Description **LCM-40DA** series is a 40W AC/DC constant current mode output LED driver featuring the multiple levels...

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40W Multiple-Stage Output Current LED Power Supply LCM-40DA series



Features

- Output current level selectable by DIP S.W.
- 100-295VAC input
- Built-in active PFC function
- Protection: Short circuit / Over voltage / Over temperature
- Cooling by free air convection
- Fully isolated plastic case
- Class II power and safety
- Built-in active PFC function
- Built-in DC 500mA auxiliary output
- Temperature compensation function by remote ATC
- Power factor compensation > 0.99
- Push dimming
- Push dimming synchronization function up to 10 units
- Push dimming up to 100Hz

Specifications

Model	Output Current	Output Voltage	Output Power	Input Voltage	Input Current	Efficiency
LCM-40DA-0.5A	0.5A	80V	40W	100-295V	0.47A	91%
LCM-40DA-1A	1A	40V	40W	100-295V	0.47A	91%
LCM-40DA-2A	2A	20V	40W	100-295V	0.47A	91%
LCM-40DA-3A	3A	13.3V	40W	100-295V	0.47A	91%
LCM-40DA-4A	4A	10V	40W	100-295V	0.47A	91%
LCM-40DA-5A	5A	8V	40W	100-295V	0.47A	91%
LCM-40DA-6A	6A	6.7V	40W	100-295V	0.47A	91%
LCM-40DA-8A	8A	5V	40W	100-295V	0.47A	91%
LCM-40DA-10A	10A	4V	40W	100-295V	0.47A	91%
LCM-40DA-12A	12A	3.3V	40W	100-295V	0.47A	91%
LCM-40DA-15A	15A	2.7V	40W	100-295V	0.47A	91%
LCM-40DA-20A	20A	2V	40W	100-295V	0.47A	91%
LCM-40DA-25A	25A	1.6V	40W	100-295V	0.47A	91%
LCM-40DA-30A	30A	1.3V	40W	100-295V	0.47A	91%
LCM-40DA-40A	40A	1V	40W	100-295V	0.47A	91%

[pdf] Specifications Datasheet Warranty

LCM 40DA cdr sandy Data Sheet current MEAN WELL Jameco Electronics 2174581 jameco Products ProdDS |||

LCM-40DA 40W Multiple-Stage Output Current LED Power Supply series Features : EOutput current level selectable by DIP S.W. E180-295VAC input only EBuilt-in active PFC function EProtections: Short circuit / Over voltage / Over temperature ECooling by free air convection EFully isolated plastic cas...

lang:en score:35 filesize: 207.56 K page_count: 5 document date: 2012-12-04

Installation Guide - Mean Well DLC-02 DALI Controller



Installation Guide - Mean Well DLC-02 DALI Controller
Provided by CW Woodcraft

Figure 1 Product image for reference

Please refer to the DLC-02 user manual for more information at www.meanwell.com

This installation guide is provided as a courtesy to support our customers in the setup and integration of the Mean Well DLC-02 DALI Lighting Controller. CW Woodcraft is proud to offer high-quality lighting and control solutions, including products like the DLC-02, to complement our custom architectural workload and integrated lighting systems.

This document is the original installation guide created by Mean Well Enterprises Co., Ltd., and all technical content remains their intellectual property. For the most accurate and up-to-date information, please refer to Mean Well's official documentation or website.

If you have questions regarding how this product integrates with CW Woodcraft panel systems or lighting layouts, feel free to reach out to our support team.

CW Woodcraft
Website: www.cwwoodcraft.com
Email: sales@cwwoodcraft.com

Note: CW Woodcraft is an independent reseller and integrator of Mean Well products. This guide is provided as-is for customer convenience. For product warranty and technical issues specific to the DLC-02, please contact Mean Well directly.

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All technical content: Mean Well Enterprises Co., Ltd.

[pdf] User Manual Installation Guide Documentation Guide

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Installation Guide - Mean Well DLC-02 DALI Controller Installation Guide - Mean Well DLC-02 DALI Con ... , the combination output can be used to achieve this. Lamps and devices: 1 4 pcs of lamps, model: **LCM-40DA** 2 1 pcs of DALI-2 input device: button sensor type, model: LOYTEC LDALI-BM2 Effect presen...

lang:en score:35 filesize: 14.52 M page_count: 95 document date: 2025-04-01

MEAN WELL ENTERPRISES CO., LTD
 1F, No. 30, Chung-Shan Road, Wu-Kuei 4 Park,
 Taipei, Taiwan, Republic of China

Product Revision Notice-Version Change of **LCM-40DA/60DA**

2014.03.11

In order to fulfill the requirement for lighting system, MEAN WELL upgrades the LCM-40DA/60DA series by shortening the setup time from its original "1200ms/230VAC" to "500ms/230VAC". In addition, to meet the latest ErP requirement for end lighting systems about no load power consumption <math>< 0.3W</math>, the existing auxiliary output "12V/50mA" needs to be cancelled.

If there are any demands for the application of auxiliary power, the modified models may be offered; nevertheless, please acknowledge those modified models will not meet the no load power consumption requirement, which is less than 0.3W. There will be a transition period after launching the new version of products. If you have any questions, please contact your sales representative. For more details, please refer to the information as below:

1. Schedule Date of Complete Implementation: Production batch after 2014.03.17
 2. Revision Details:

Item	Before	After
Product Version	Blank	All
Label		
Setup Time	1000ms/230VAC	500ms/230VAC
Auxiliary Power	12V/50mA	None
No Load Power Consumption	<math>< 1.2W</math>	<math>< 0.3W</math>

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Product Revision Notice-Version Change of **LCM-40DA/60DA** 2014.03.11 In order to fulfill the requirement for lighting systems, MEAN WELL upgrades the **LCM-40DA/60DA** series by shortening the setup time from its original 1200ms/230VAC to 500ms/230VAC. In addition, to meet the latest ErP requirement for...

lang:en score:34 filesize: 287.35 K page_count: 1 document date: 2014-03-12

MEAN WELL ENTERPRISES CO., LTD
 1F, No. 30, Chung-Shan Road, Wu-Kuei 4 Park,
 Taipei, Taiwan, Republic of China

Product Revision Notice-Version Change of **LCM-40DA/60DA**

2014.03.11

In order to fulfill the requirement for lighting system, MEAN WELL upgrades the LCM-40DA/60DA series by shortening the setup time from its original "1200ms/230VAC" to "500ms/230VAC". In addition, to meet the latest ErP requirement for end lighting systems about no load power consumption <math>< 0.3W</math>, the existing auxiliary output "12V/50mA" needs to be cancelled.

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1. Schedule Date of Complete Implementation: Production batch after 2014.03.17
 2. Revision Details:

Item	Before	After
Product Version	Blank	All
Label		
Setup Time	1000ms/230VAC	500ms/230VAC
Auxiliary Power	12V/50mA	None
No Load Power Consumption	<math>< 1.2W</math>	<math>< 0.3W</math>

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Product Revision Notice-Version Change of **LCM-40DA/60DA** 2014.03.11 In order to fulfill the requirement for lighting systems, MEAN WELL upgrades the **LCM-40DA/60DA** series by shortening the setup time from its original 1200ms/230VAC to 500ms/230VAC. In addition, to meet the latest ErP requirement for...

lang:en score:34 filesize: 298.68 K page_count: 1 document date: 2014-03-13

MEAN WELL 40W Multiple-Stage Output Current LED Power Supply **LCM-40DA series**

FEATURES:

- Output current level selectable by DIP S.W.
- 100% LED load regulation
- Built-in active PFC function
- Protections: Short circuit / Over voltage / Over temperature
- Cooling by free air convection
- Full isolated plastic case
- RoHS & REACH compliant
- Built-in OVP (Over Voltage Protection) function
- Built-in OTC (Over Temperature Compensation) function
- RoHS & REACH compliant
- Temperature compensation function by external NTC
- LED dimming
- No load power consumption <math>< 0.3W</math> (max.)
- Mounting: suitable for LED lighting applications
- 3 year warranty

SPECIFICATION:

Model	Input Voltage	Output Voltage	Output Current	Output Power	Efficiency
LCM-40DA-01	180-265VAC	1.2V	3.33A	4W	85%
LCM-40DA-02	180-265VAC	1.5V	2.67A	4W	85%
LCM-40DA-03	180-265VAC	2.0V	2.00A	4W	85%
LCM-40DA-04	180-265VAC	2.5V	1.60A	4W	85%
LCM-40DA-05	180-265VAC	3.0V	1.33A	4W	85%
LCM-40DA-06	180-265VAC	3.3V	1.21A	4W	85%
LCM-40DA-07	180-265VAC	3.6V	1.11A	4W	85%
LCM-40DA-08	180-265VAC	4.0V	1.00A	4W	85%
LCM-40DA-09	180-265VAC	4.5V	0.89A	4W	85%
LCM-40DA-10	180-265VAC	5.0V	0.80A	4W	85%
LCM-40DA-11	180-265VAC	5.5V	0.73A	4W	85%
LCM-40DA-12	180-265VAC	6.0V	0.67A	4W	85%
LCM-40DA-13	180-265VAC	6.3V	0.63A	4W	85%
LCM-40DA-14	180-265VAC	6.6V	0.61A	4W	85%
LCM-40DA-15	180-265VAC	7.0V	0.57A	4W	85%
LCM-40DA-16	180-265VAC	7.5V	0.53A	4W	85%
LCM-40DA-17	180-265VAC	8.0V	0.50A	4W	85%
LCM-40DA-18	180-265VAC	8.5V	0.47A	4W	85%
LCM-40DA-19	180-265VAC	9.0V	0.44A	4W	85%
LCM-40DA-20	180-265VAC	9.5V	0.42A	4W	85%
LCM-40DA-21	180-265VAC	10.0V	0.40A	4W	85%
LCM-40DA-22	180-265VAC	10.5V	0.38A	4W	85%
LCM-40DA-23	180-265VAC	11.0V	0.36A	4W	85%
LCM-40DA-24	180-265VAC	11.5V	0.35A	4W	85%
LCM-40DA-25	180-265VAC	12.0V	0.33A	4W	85%
LCM-40DA-26	180-265VAC	12.5V	0.32A	4W	85%
LCM-40DA-27	180-265VAC	13.0V	0.31A	4W	85%
LCM-40DA-28	180-265VAC	13.5V	0.29A	4W	85%
LCM-40DA-29	180-265VAC	14.0V	0.29A	4W	85%
LCM-40DA-30	180-265VAC	14.5V	0.27A	4W	85%
LCM-40DA-31	180-265VAC	15.0V	0.27A	4W	85%
LCM-40DA-32	180-265VAC	15.5V	0.26A	4W	85%
LCM-40DA-33	180-265VAC	16.0V	0.25A	4W	85%
LCM-40DA-34	180-265VAC	16.5V	0.24A	4W	85%
LCM-40DA-35	180-265VAC	17.0V	0.24A	4W	85%
LCM-40DA-36	180-265VAC	17.5V	0.23A	4W	85%
LCM-40DA-37	180-265VAC	18.0V	0.22A	4W	85%
LCM-40DA-38	180-265VAC	18.5V	0.22A	4W	85%
LCM-40DA-39	180-265VAC	19.0V	0.21A	4W	85%
LCM-40DA-40	180-265VAC	19.5V	0.21A	4W	85%
LCM-40DA-41	180-265VAC	20.0V	0.20A	4W	85%
LCM-40DA-42	180-265VAC	20.5V	0.20A	4W	85%
LCM-40DA-43	180-265VAC	21.0V	0.19A	4W	85%
LCM-40DA-44	180-265VAC	21.5V	0.19A	4W	85%
LCM-40DA-45	180-265VAC	22.0V	0.18A	4W	85%
LCM-40DA-46	180-265VAC	22.5V	0.18A	4W	85%
LCM-40DA-47	180-265VAC	23.0V	0.17A	4W	85%
LCM-40DA-48	180-265VAC	23.5V	0.17A	4W	85%
LCM-40DA-49	180-265VAC	24.0V	0.17A	4W	85%
LCM-40DA-50	180-265VAC	24.5V	0.16A	4W	85%
LCM-40DA-51	180-265VAC	25.0V	0.16A	4W	85%
LCM-40DA-52	180-265VAC	25.5V	0.16A	4W	85%
LCM-40DA-53	180-265VAC	26.0V	0.15A	4W	85%
LCM-40DA-54	180-265VAC	26.5V	0.15A	4W	85%
LCM-40DA-55	180-265VAC	27.0V	0.15A	4W	85%
LCM-40DA-56	180-265VAC	27.5V	0.14A	4W	85%
LCM-40DA-57	180-265VAC	28.0V	0.14A	4W	85%
LCM-40DA-58	180-265VAC	28.5V	0.14A	4W	85%
LCM-40DA-59	180-265VAC	29.0V	0.14A	4W	85%
LCM-40DA-60	180-265VAC	29.5V	0.13A	4W	85%
LCM-40DA-61	180-265VAC	30.0V	0.13A	4W	85%
LCM-40DA-62	180-265VAC	30.5V	0.13A	4W	85%
LCM-40DA-63	180-265VAC	31.0V	0.13A	4W	85%
LCM-40DA-64	180-265VAC	31.5V	0.12A	4W	85%
LCM-40DA-65	180-265VAC	32.0V	0.12A	4W	85%
LCM-40DA-66	180-265VAC	32.5V	0.12A	4W	85%
LCM-40DA-67	180-265VAC	33.0V	0.12A	4W	85%
LCM-40DA-68	180-265VAC	33.5V	0.11A	4W	85%
LCM-40DA-69	180-265VAC	34.0V	0.11A	4W	85%
LCM-40DA-70	180-265VAC	34.5V	0.11A	4W	85%
LCM-40DA-71	180-265VAC	35.0V	0.11A	4W	85%
LCM-40DA-72	180-265VAC	35.5V	0.10A	4W	85%
LCM-40DA-73	180-265VAC	36.0V	0.10A	4W	85%
LCM-40DA-74	180-265VAC	36.5V	0.10A	4W	85%
LCM-40DA-75	180-265VAC	37.0V	0.10A	4W	85%
LCM-40DA-76	180-265VAC	37.5V	0.10A	4W	85%
LCM-40DA-77	180-265VAC	38.0V	0.09A	4W	85%
LCM-40DA-78	180-265VAC	38.5V	0.09A	4W	85%
LCM-40DA-79	180-265VAC	39.0V	0.09A	4W	85%
LCM-40DA-80	180-265VAC	39.5V	0.09A	4W	85%
LCM-40DA-81	180-265VAC	40.0V	0.09A	4W	85%
LCM-40DA-82	180-265VAC	40.5V	0.08A	4W	85%
LCM-40DA-83	180-265VAC	41.0V	0.08A	4W	85%
LCM-40DA-84	180-265VAC	41.5V	0.08A	4W	85%
LCM-40DA-85	180-265VAC	42.0V	0.08A	4W	85%
LCM-40DA-86	180-265VAC	42.5V	0.08A	4W	85%
LCM-40DA-87	180-265VAC	43.0V	0.07A	4W	85%
LCM-40DA-88	180-265VAC	43.5V	0.07A	4W	85%
LCM-40DA-89	180-265VAC	44.0V	0.07A	4W	85%
LCM-40DA-90	180-265VAC	44.5V	0.07A	4W	85%
LCM-40DA-91	180-265VAC	45.0V	0.07A	4W	85%
LCM-40DA-92	180-265VAC	45.5V	0.06A	4W	85%
LCM-40DA-93	180-265VAC	46.0V	0.06A	4W	85%
LCM-40DA-94	180-265VAC	46.5V	0.06A	4W	85%
LCM-40DA-95	180-265VAC	47.0V	0.06A	4W	85%
LCM-40DA-96	180-265VAC	47.5V	0.06A	4W	85%
LCM-40DA-97	180-265VAC	48.0V	0.05A	4W	85%
LCM-40DA-98	180-265VAC	48.5V	0.05A	4W	85%
LCM-40DA-99	180-265VAC	49.0V	0.05A	4W	85%
LCM-40DA-100	180-265VAC	49.5V	0.05A	4W	85%

[\[pdf\]](#) Specifications Warranty

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LCM-40DA 40W Multiple-Stage Output Current LED Power Supply series Features : EOutput current level selectable by DIP S.W. E180-295VAC input only EBuilt-in active PFC function EProtections: Short circuit / Over voltage / Over temperature ECooling by free air convection EFully isolated plastic cas...

lang:en score:34 filesize: 242.29 K page_count: 5 document date: 2013-02-19

40W Multiple-Stage Output Current LED Power Supply LCM-40DA series



Features

- Output current level selectable by DIP S.W.
- Soft-start function
- Protection: Short circuit / Over voltage / Over temperature
- Cooling by free air convection
- Fully isolated power supply
- Output current up to 1.0A
- Built-in active PFC function and class II design
- Output: 500mA auxiliary output (Max. 40V, LCM-40DA-AUX)
- PFC efficiency
- Light dimming: DALI interface or linear dimming
- Temperature compensation function by optocoupler
- No load power consumption $0.05W$ (1.0A for LCM-40DA-AUX series)
- Mean value compensation function by optocoupler
- 3-year warranty

Technical Specifications

Item	Model	LCM-40DA-0.1	LCM-40DA-0.2	LCM-40DA-0.3	LCM-40DA-0.4	LCM-40DA-0.5
Output Current	0.1A	0.2A	0.3A	0.4A	0.5A	0.5A
Output Voltage	1.0V	2.0V	3.0V	4.0V	5.0V	5.0V
Output Power	0.1W	0.2W	0.3W	0.4W	0.5W	0.5W
Input Voltage	180V~295VAC	180V~295VAC	180V~295VAC	180V~295VAC	180V~295VAC	180V~295VAC
Input Current	0.15A	0.3A	0.45A	0.6A	0.75A	0.75A
Power Factor	>0.95	>0.95	>0.95	>0.95	>0.95	>0.95
Efficiency	>90%	>90%	>90%	>90%	>90%	>90%
Temperature	0~50°C	0~50°C	0~50°C	0~50°C	0~50°C	0~50°C
Dimensions	40mm x 40mm x 25mm					

[pdf] Specifications Warranty

LCM 40DA Mean Well power supplies constant current DALI series LED Power Maritex spec en maritex.pl product attachment 43259 |||

LCM-40DA 40W Multiple-Stage Output Current LED Power Supply series SPECIFICATION Features : Output current level selectable by DIP S.W. 180-295VAC input only Built-in active PFC function Protections: Short circuit / Over voltage / Over temperature Cooling by free air convection Fully isola...

lang:en score:32 filesize: 607.56 K page_count: 5 document date: 2014-03-28

40W Multiple-Stage Constant Current Mode LED Driver LCM-40DA series



Features

- Constant current mode output with multiple levels selectable by dip switch
- Emergency lighting application is available according to IEC62473-13
- Built-in active PFC function and class II design
- Standby power consumption $0.5W$
- Functions: DALI interface or logarithmic or linear dimming curve selectable, push dimming synchronization up to 10units
- 3-year warranty

Applications

- LED indoor lighting
- LED street lighting
- LED commercial lighting
- LED general lighting
- Industrial lighting

Model Encoding

LCM - 40DA - AUX

Function mode option: Blank or AUX type
 (DA) Built-in DALI interface and push dimming
 (LDAZ) Built-in DALI 2 interface and push dimming
 Output voltage
 Series name

Type	Function	Note
Blank	Standby power consumption$0.5W$	By request
AUX	Standby power consumption$1.2W$ and Auxiliary DC output(12V/50mA)	By request

[pdf] User Manual Specifications Datasheet

LCM 40DA cdr Светодиодное применение lcm 40da купить в СПб АВИ Солюшнс avi solutions meanwell datasheet |||

L C M - 4 0 D A 40W Multiple-Stage Constant Current Mode LED Driver series User s Manual 2 for D ... except for DA2-Type AUX File Name:LCM-40DA-SPEC 2022-11-28 L C M - 4 0 D A 40W Multiple-Stage Constant Current Mode LED Driver seri...

lang:en score:32 filesize: 686.64 K page_count: 8 document date: 2022-11-29

40W Multiple-Stage Constant Current Mode LED Driver LCM-40DA series



Features

- Constant current mode output with multiple levels selectable by dip switch
- Emergency lighting application is available according to IEC62473-13
- Built-in active PFC function and class II design
- Standby power consumption $0.5W$
- Functions: DALI interface or logarithmic or linear dimming curve selectable, push dimming synchronization up to 10units
- 3-year warranty

Applications

- LED indoor lighting
- LED street lighting
- LED commercial lighting
- LED general lighting
- Industrial lighting

Model Encoding

LCM - 40DA - AUX

Function mode option: Blank or AUX type
 (DA) Built-in DALI interface and push dimming
 (LDAZ) Built-in DALI 2 interface and push dimming
 Output voltage
 Series name

Type	Function	Note
Blank	Standby power consumption$0.5W$	By request
AUX	Standby power consumption$1.2W$ and Auxiliary DC output(12V/50mA)	By request

[pdf] User Manual Specifications

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L C M - 4 0 D A 40W Multiple-Stage Constant Current Mode LED Driver series User s Manual ... y for DA-Type only AUX File Name:LCM-40DA-SPEC 2022-03-16 L C M - 4 0 D A 40W Multiple-Stage Constant Current Mode LED Driver seri...

lang:en score:31 filesize: 1.21 M page_count: 8 document date: 2022-03-28

Product Revision Notice-Version Change of LCM-40DA/60DA

In order to fulfill the requirement for lighting systems, MEAN WELL upgrades the LCM-40DA/60DA series by shortening the setup time from its original "100ms/230VAC" to "50ms/230VAC". In addition, to meet the latest ErP requirement for end lighting systems about no load power consumption $\le 0.5W$ the existing auxiliary output "12V/0.5A" needs to be canceled.

If there are any demands for the application of auxiliary power, the modified models may be offered, nevertheless, please acknowledge these modified models will not meet the no load power consumption requirement, which is less than 0.5W. There will be a transition period after launching the new version of products. If you have any questions, please contact your sales representative. For more details, please refer to the information as below.

- Schedule Date of Complete Implementation: Production batch after 2014.03.11
- Revision Details:

Item	Before	After
Product Version	Blank	AI
Label		
Setup Time	100ms/230VAC	50ms/230VAC
Auxiliary Power	12V/0.5A	None
No Load Power Consumption	$\le 1.2W$	$\le 0.5W$

MEAN WELL ENTERPRISES CO., LTD.

[pdf] Label

Microsoft Word LCM 40DA 60DA revision notice jasonlin Product Revision Notice Version Change of 60DA11 In order to fulfill the requirement for lighting systems MEAN WELL upgrades series by shortening setup time from v1jameco Jameco Products ProdDS 2174581Errata srsltid

AfmBOoqCNn5LtSjNxfRFOkX gTmYL3oXFu5Vw0iJxS7t1r 1eLq0B 0Z 60DALCM ENTERPRISES11 from v1v1jameco 0Zjameco AfmBOOrNvzJ84HAhKc8wQYmxI5CyMEBt7zSeHQXkWPncvXc44aUopf9d

Product Revision Notice-Version Change of **LCM-40DA/60DA** 2014.03.11 In order to fulfill the requirement for lighting systems, MEAN WELL upgrades the **LCM-40DA/60DA** series by shortening the setup time from its original 1200ms/230VAC to 500ms/230VAC. In addition, to meet the latest ErP require...

lang:en score:30 filesize: 298.68 K page_count: 1 document date: 2014-03-13

40W Multiple-Stage Constant Current Mode LED Driver **LCM-40DA series**



- Features**
 - Constant Current mode output with multiple levels selectable by dip switch
 - Plastic housing with class II design
 - Built-in active PFC function
 - Standby power consumption $\le 0.5W$
 - Functions: DALI interface/programmable or linear dimming curve selectable, push dimming, synchronization up to 10kHz
 - 3 years warranty
- Applications**
 - LED indoor lighting
 - LED office lighting
 - LED architectural lighting
 - LED power lighting

Description
 LCM-40DA series is a 40W AC/DC constant current mode output LED driver featuring the multiple levels selectable by dip switch and the DALI interface with the compliance to IEC62385-2:7. LCM-40DA operates from 80~265VAC and offers different current levels ranging between 350mA and 1050mA. Thanks to the high efficiency up to 91%, with the fanless design, the entire series is able to operate for -30~+80C case temperature under free air convection. In addition, LCM-40DA is equipped with push dimming and synchronization so as to provide the optimal design flexibility for LED lighting system.



Type	Function	Note
Blank	DALI and push dimming, with standby power consumption $\le 0.5W$	In Stock
AUX	DALI and push dimming, with standby power consumption $\le 1.2W$ and Auxiliary DC output	By request

[pdf] Warranty

LCM 40DA cdr Core series v1 efo basen efo no mime root 634 SPEC 1 |||

L C M - 4 0 D A 40W Multiple-Stage Constant Current Mode LED Driver series 110 M M SELV Fe ... indoor lighting LED office lighting LED architectural lighting LED panel lighting Description **LCM-40DA** series is a 40W AC/DC constant current mode output LED driver featuring the multiple levels...

lang:en score:30 filesize: 169.43 K page_count: 8 document date: 2018-02-06

Product code 13739
 Warranty 3 years
 Brand MEAN WELL
 Supply voltage 230V
 Dimmable DALI / PUSH
 Output 40W
 Protection class IP20
 Casing material plastic
 Work environment indoor use
 Certificates CE, RoHS



350/500/600/700/900/1050mA LCM-40DA (DALI / PUSH DIM)

[pdf] Warranty

1 25 09 2021 LED driver MEAN WELL 350 500 600 700 900 INPUT 200 240VAC 0 37A 277VAC 27A North America only R 95 Vomax —95V torCCmode Foroperation modules VSELV ON Ledhouse 13739 ledhouse ee en 7 led junction 1050ma lcm 40da dali push dim |||

1/1 29.03.2022 LED driver MEAN WELL 350/500/600/700/900/1050mA **LCM-40DA** DALI / PUSH DIM 230V 40W IP20 Product code 13739 Warranty 3 years Brand MEAN WELL Supply voltage 230V Dimmable DALI / PUSH Output 40W Protection class IP20 Casing material plastic Work environment indoor use Ce...

lang:en score:30 filesize: 123.74 K page_count: 1 document date: 2022-03-28

LED driver MEAN WELL 350/500/600/700/900/1050mA LCM-40DA (DALI / PUSH DIM) 230V 40W IP20

Product code 13739

Warranty 3 years
 Brand MEAN WELL
 Supply voltage 230V
 Dimmable DALI / PUSH
 Output 40W
 Protection class IP20
 Casing material plastic
 Work environment indoor use
 Certificates CE, RoHS



350/500/600/700/900/1050mA LCM-40DA (DALI / PUSH DIM)

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[pdf] Warranty

1 8 11 2021 LED driver MEAN WELL 350 500 600 700 900 INPUT 200 240VAC 0 37A 277VAC 27A North America only R 95 Vomax —95V torCCmode Foroperation modules VSELV ON Ledhouse 13739 ledhouse ee en 7 led 1050ma lcm 40da dali push dim |||

1/1 29.03.2022 LED driver MEAN WELL 350/500/600/700/900/1050mA **LCM-40DA** DALI / PUSH DIM 230V 40W IP20 Product code 13739 Warranty 3 years Brand MEAN WELL Supply voltage 230V Dimmable DALI / PUSH Output 40W Protection class IP20 Casing material plastic Work environment indoor use Ce... lang:en score:30 filesize: 123.74 K page_count: 1 document date: 2022-03-29

MEAN WELL ENTERPRISES CO., LTD.

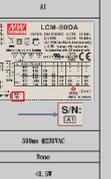
Product Revision Notice-Version Change of LCM-40DA/60DA

2014.03.11

In order to fulfill the requirement for lighting systems, MEAN WELL upgrades the LCM-40DA/60DA series by shortening the setup time from its original "1200ms/230VAC" to "500ms/230VAC". In addition, to meet the latest ErP requirement for all lighting systems about no load power consumption $\le 0.3W$, the existing auxiliary output "12V/50mA" needs to be ceased.

If there are any demands for the application of auxiliary power, the modified model may be offered; nevertheless, please acknowledge these modified models will not meet the no load power consumption requirements, which is less than 0.3W. There will be a transition period after launching the new versions of products. If you have any questions, please contact your sales representative. For more details, please refer to the information as below:

1. Schedule Date of Complete Implementation: Production batch after 2014.03.17
 2. Revision Details:

Item	Before	After
Product Version	Blank	All
Label		
Setup Time	1000ms/230VAC	500ms/230VAC
Auxiliary Power	12V/50mA	None
No Load Power Consumption	$\le 1.2W$	$\le 0.3W$

MEAN WELL ENTERPRISES CO., LTD.

[pdf] Label

Microsoft Word LCM 40DA 60DA revision notice jasonlin 2174602Errata Jameco Jameco Products ProdDS

Product Revision Notice-Version Change of **LCM-40DA/60DA** 2014.03.11 In order to fulfill the requirement for lighting systems, MEAN WELL upgrades the **LCM-40DA/60DA** series by shortening the setup time from its original 1200ms/230VAC to 500ms/230VAC .In addition, to meet the latest ErP requirement for... lang:en score:30 filesize: 298.68 K page_count: 1 document date: 2014-03-13

MEAN WELL 40W Multiple-Stage Constant Current Mode LED Driver **LCM-40DA** series



Features

- Constant current mode output with multiple levels selectable by dip switch
- Active power factor correction
- Built-in active PFC function
- Standby power consumption $\le 0.3W$
- Functions: DALI interface/logarithm or linear dimming curve selectable, push dimming, synchronous dimming
- 3 years warranty

Applications

- LED indoor lighting
- LED office lighting
- LED architectural lighting
- LED panel lighting

Description

LCM-40DA series is a 40W AC/DC constant current mode output LED driver featuring the multiple levels selectable by dip switch and the DALI interface with the compliance to EN 62562-2017. LCM-40DA operates from 100~260VAC and offers different current levels ranging between 350mA and 1050mA. Thanks to the high efficiency up to 91%, with the fanless design, the entire series is able to operate for 25°C ~+60°C case temperature under free air convection. In addition, LCM-40DA is equipped with push dimming and synchronous dimming so as to provide the optimal design flexibility for LED lighting system.

Model Encoding

LCM - 40DA - [AUX]

- Function mode option
- Built-in DALI interface
- Output voltage
- Series name

Item	Function	None
Blank	DALI and push dimming, with standby power consumption $\le 0.3W$	10.50mA
AUX	DALI and push dimming, with standby power consumption $\le 0.3W$ and auxiliary DC output 12V/50mA	10.50mA

[pdf] Declaration of Conformity Warranty

LCM 40DA cdr DONGQIN MEANWELL Led Driver CC Meanwell Dimmerabile DALI Pulsante NO IperChiavi static ledlux it doc |||

L C M - 4 0 D A 40W Multiple-Stage Constant Current Mode LED Driver series F 110 M M Features ... ED ni door lighting LED office lighting LED architectural lighting LED panel lighting Description **LCM-40DA** series is a 40W AC/DC constant current mode output LED driver featuring the multiple levels... lang:en score:29 filesize: 170.9 K page_count: 8 document date: 2016-10-25

40W Multiple-Stage Constant Current Mode LED Driver LCM-40DA series



Features

- Constant Current mode output with multiple levels selectable by dip switch
- Emergency lighting application according to IEC62387-2-13
- Built-in active PFC function and class II design
- Standby power consumption <math>< 0.5W</math>
- Functions: DALI interface/algorithm or linear dimming curve selectable, push dimming, synchronization up to 10units
- > 3 years warranty

Applications

- LED indoor lighting
- LED office lighting
- LED architectural lighting
- LED panel lighting

Description

LCM-40DA series is a 40W AC/DC constant current mode output LED driver featuring the multiple levels selectable by dip switch and the DALI interface with the compliance to IEC62387-2:2017. LCM-40DA operates from 180~265VAC and offers different current levels ranging between 350mA and 1050mA. Thanks to the high efficiency up to 91%, with the latest design, the entire series is able to operate for 30°C~+40°C case temperature under free air convection. In addition, LCM-40DA is equipped with push dimming and synchronization so as to provide the optimal design flexibility for LED lighting system.

Model Encoding

LCM - 40DA - AUX

Function mode option: Blank or DALI type
 Built-in DALI interface and push dimming
 Output wattage
 Series name

Type	Function	Note
Blank	DALI and push dimming, with standby power consumption <math>< 0.5W</math>	1) Stock
AUX	DALI and push dimming, with standby power consumption <math>< 0.5W</math> and Auxiliary DC output (By request)	By request

[\[pdf\]](#) Datasheet Warranty

datasheet meanwell lcm 40da driver resources chainbox io 2 ecofoss public pim 1f64d78f 4ff1 4b0c 8758 2307f84673e6

L C M - 4 0 D A 40W Multiple-Stage Constant Current Mode LED Driver series 110 M M SELV Featu ... LED indoor lighting LED office lighting LED architectural lighting LED panel lighting Description **LCM-40DA** series is a 40W AC/DC constant current mode output LED driver featuring the multiple levels...

lang:en score:29 filesize: 173.85 K page_count: 8 document date: 2018-04-19

40W Multiple-Stage Constant Current Mode LED Driver LCM-40DA series



Features

- Constant Current mode output with multiple levels selectable by dip switch
- Emergency lighting application according to IEC62387-2-13
- Built-in active PFC function and class II design
- Standby power consumption <math>< 0.5W</math>
- Functions: DALI interface/algorithm or linear dimming curve selectable, push dimming, synchronization up to 10units
- > 3 years warranty

Applications

- LED indoor lighting
- LED office lighting
- LED commercial lighting
- LED panel lighting

Description

LCM-40DA series is a 40W AC/DC constant current mode output LED driver featuring the multiple levels selectable by dip switch and the DALI interface with the compliance to IEC62387-2:2017. LCM-40DA operates from 180~265VAC and offers different current levels ranging between 350mA and 1050mA. Thanks to the high efficiency up to 91%, with the latest design, the entire series is able to operate for 30°C~+40°C case temperature under free air convection. In addition, LCM-40DA is equipped with push dimming and synchronization functions, so as to provide the optimal design flexibility for LED lighting system.

Model Encoding

LCM - 40DA - AUX

Function mode option: Blank or AUX type
 DA Built-in DALI interface and push dimming
 L OAD Built-in DALI 2.0 interface and push dimming
 Output wattage
 Series name

Type	Function	Note
Blank	Standby power consumption <math>< 0.5W</math>	1) Stock
AUX	Standby power consumption <math>< 0.5W</math> and Auxiliary DC output (1.2V/50mA)	By request

[\[pdf\]](#) Specifications

LCM 40DA cdr 40DA2 DS 001 digimax it media import ALIMENTATORI MEANWELL ACDC DRIVER LED III

L C M - 4 0 D A 40W Multiple-Stage Constant Current Mode LED Driver series 2 for DA2-Type only ... Type except for DA2-Type AUX File Name:**LCM-40DA-SPEC 2020-11-27** L C M - 4 0 D A 40W Multiple-Stage Constant Current Mode LED Driver seri...

lang:en score:29 filesize: 1.28 M page_count: 8 document date: 2020-12-07

40W Multiple-Stage Constant Current Mode LED Driver LCM-40DA series



Features

- Constant Current mode output with multiple levels selectable by dip switch
- Emergency lighting application according to IEC62387-2-13
- Built-in active PFC function and class II design
- Standby power consumption <math>< 0.5W</math>
- Functions: DALI interface/algorithm or linear dimming curve selectable, push dimming, synchronization up to 10units
- > 3 years warranty

Applications

- LED indoor lighting
- LED office lighting
- LED commercial lighting
- LED panel lighting

GTIN CODE

6914613300000

Description

LCM-40DA series is a 40W AC/DC constant current mode output LED driver featuring the multiple levels selectable by dip switch and the DALI interface with the compliance to IEC62387-2:2017. LCM-40DA operates from 180~265VAC and offers different current levels ranging between 350mA and 1050mA. Thanks to the high efficiency up to 91%, with the latest design, the entire series is able to operate for 30°C~+40°C case temperature under free air convection. In addition, LCM-40DA is equipped with push dimming and synchronization functions, so as to provide the optimal design flexibility for LED lighting system.

Model Encoding

LCM - 40DA - AUX

Function mode option: Blank or AUX type
 DA Built-in DALI interface and push dimming
 L OAD Built-in DALI 2.0 interface and push dimming
 Output wattage
 Series name

Type	Function	Note
Blank	Standby power consumption <math>< 0.5W</math>	1) Stock
AUX	Standby power consumption <math>< 0.5W</math> and Auxiliary DC output (1.2V/50mA)	By request

[\[pdf\]](#) User Manual Specifications Datasheet

LCM 40DA cdr datasheet LCM 40DA2 Telerex LCM spectelerex europe Article Download Asset spec documentId assets 1043 1b26dea30aee467384fc53f44f4840d4 Luxendi LCM spec LCM

1b26dea30aee467384fc53f44f4840d4luxendi ||| L C M - 4 0 D A 40W Multiple-Stage Constant Current Mode LED Driver series User s Manual 2 for DA2-Type only for DA-Type only AC Input: 200-240Vac for DA2-Type only IS 15885 Part 2/Sec13 THOMAS SAMUEL THOMAS SAMUEL R-41027766 except for DA2

L C M - 4 0 D A 40W Multiple-Stage Constant Current Mode LED Driver series User s Manual 2 for D ... except for DA2-Type AUX File Name:**LCM-40DA-SPEC 2024-10-16** L C M - 4 0 D A 40W Multiple-Stage Constant Current Mode LED Driver seri...

lang:en score:29 filesize: 684.68 K page_count: 8 document date: 2024-10-21



- Features**
 - Constant Current mode output with multiple levels selectable by dip switch
 - Emergency lighting application is available according to IEC62388
 - Built-in active PFC function and class II design
 - Stability power consumption <math>< 50W</math>
 - Functions: DALI interface/algorithm or linear dimming (only available), push dimming, synchronization up to 10units
 - 2 pins warranty
- Applications**
 - LED indoor lighting
 - LED office lighting
 - LED commercial lighting
 - LED power lighting
 - Industrial lighting
- GTIN CODE**

www.meanswell.com/led-driver/40da

Description
 LCM-40DA series is a 40W AC/DC constant current mode output LED driver featuring the multiple levels selectable by dip switch and the DALI interface with the compliance to IEC62388. LCM-40DA operates from 180~255VAC and offers different current levels ranging between 350mA and 1050mA. Thanks to its high efficiency up to 91%, with the fanless design, the entire series is able to operate for -30C ~ +60C case temperature under full air convection. In addition, LCM-40DA is equipped with push dimming and synchronization functions, so as to provide the optimal design flexibility for LED lighting system.



Type	Function	Note
Blank	standby power consumption <math>< 50W</math>	In Stock
AUX	standby power consumption <math>< 1.2W</math> and Auxiliary DC output(12V/50mA)	By request

[pdf]

LCM 40DA cdr LED Netzteile Treiber Konstantstrom Quellen ALLNETv1shop allnetfrance fr media 07 a7 bd 108350 |||

L C M - 4 0 D A 40W Multiple-Stage Constant Current Mode LED Driver series User s Manual 2 for ... File Name:LCM-40DA-SPEC 2024-02-23 L C M - 4 0 D A 40W Multiple-Stage Constant Current Mode LED Driver seri...

lang:en score:29 filesize: 684.49 K page_count: 8 document date: 2024-02-23

LED-ajoneuvo MEAN WELL 350/500/600/700/900/1050mA LCM-40DA (DALI / PUSH DIM) 230V 40W IP20
 Код изделия 13739

350/500/600/700/900/1050mA LCM-40DA (DALI / PUSH DIM)

Габарити 37мм / 47мм
 Бренд MEAN WELL
 Напряжений ланка 230V
 Тип регулювання світла DALI / PUSH
 Надійність 40W
 Захищений корпус IP20
 Матеріал корпусу пластик
 Роз'єр регулювання світла для вторинного використання
 Сертифікація CE, RoHS

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 Kadaka tee, 3/3, Tallinn 10621, Estonia, info@ledhouse.ee

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spec13739 ledhouse ee ru 7 13739 led drajver 350 500 600 700 900 1050ma lcm 40da dali push dim |||
 LED MEAN WELL 350/500/600/700/900/1050mA **LCM-40DA** DALI / PUSH DIM 230V 40W IP20 13739 350/500/600/700/900/1050mA **LCM-40DA** DALI / PUSH DIM 3 / MEAN WELL 230V DALI / PUSH 40W IP20 CE, RoHS LED House O, tel: 372 56 202 303 , 3/3, 10621, , info ledhouse.e...

lang:en score:29 filesize: 97.75 K page_count: 1 document date: 2022-12-09

LED-liitntalaite MEAN WELL 350/500/600/700/900/1050mA LCM-40DA (DALI / PUSH DIM) 230V 40W IP20
 Tuotekoodi 13739

350/500/600/700/900/1050mA LCM-40DA (DALI / PUSH DIM)

Tähtsus 3 voolu
 Bränd MEAN WELL
 Liitntalaite 230V
 Hõimematerjal DALI / PUSH
 Tõep 40W
 Kaitsekatte tüüp IP20
 Kaitsematerjali materjal kunst
 Kujutõlgemiseks kasutatav
 Sertifikaat CE, RoHS

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spec13739 ledhouse ee fi 7 13739 led liitntalaite 350 500 600 700 900 1050ma lcm 40da dali push dim |||

LED-liitntlaite MEAN WELL 350/500/600/700/900/1050mA **LCM-40DA** DALI / PUSH DIM 230V 40W IP20 Tuotekoodi 13739 350/500/600/700/900/1050mA **LCM-40DA** DALI / PUSH DIM Takuu 3 vuotta Brndi MEAN WELL Sytjinnite 230V Himmennettv DALI / PUSH Teho 40W Kotelointiluokka IP20 Rungon materiaali muov...

lang:en score:28 filesize: 95.47 K page_count: 1 document date: 2022-12-05

LED liiteseade MEAN WELL 350/500/600/700/900/1050mA LCM-40DA (DALI / PUSH DIM) 230V 40W IP20
Toetekood 13739

350/500/600/700/900/1050mA LCM-40DA (DALI / PUSH DIM)

Garanti	3 aastat
Brnd	MEAN WELL
Toitepinge	230V
Hmardatav	DALI / PUSH
Võimsus	40W
Kaitseklass	IP20
Korpuse materjal	plastik
Töökohalane	sis
Sertifikaadid	CE, RoHS

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spec13739 ledhouse ee et 7 13739 led liiteseade 350 500 600 700 900 1050ma lcm 40da dali push dim

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LED liiteseade MEAN WELL 350/500/600/700/900/1050mA **LCM-40DA** DALI / PUSH DIM 230V 40W IP20 Tootekood 13739 350/500/600/700/900/1050mA **LCM-40DA** DALI / PUSH DIM Garantii 3 aastat Brnd MEAN WELL Toitepinge 230V Hmardatav DALI / PUSH Vimsus 40W Kaitseklass IP20 Korpuse materjal plastik ...

lang:en score:28 filesize: 95.19 K page_count: 1 document date: 2022-12-06

MW
LED HOUSE

Installation Manual

Type: LED Power Supply
(Family: AP, CEN, CLG, ELG, ELN, GSC, HBG, HLG, HLN, HLP, HSD, HVG, LCM, LP, LPE, PFC, RFP, CEN, HSD, PFC, PFD, PFL, PFR, PFM, ULP)

Introduction
The LED power supply is a dedicated LED driving device that delivers a constant current/voltage or generates an adjustable current controlled by an external dimmer or LED. Depending on its type or design, constant, some of them not only have FCC capability but also can be located in a harsh environment such as dusty, humid places. Mean Well LED power supplies include constant current, constant voltage, and PFC types.

Installation

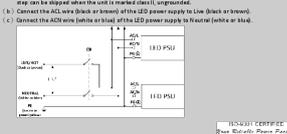
- Before connecting any installation or maintenance work, please disconnect the power supply from the utility. Ensure that it cannot be re-connected inadvertently!
- Keep proper ventilation around the unit and do not stack any object on it. Also a 20-35 cm clearance must be kept between the adjacent device to a heat source.
- Mounting orientations other than standard orientation or operate under high ambient temperature may increase the internal component temperature and will require a derating in output current. Please refer to the specifications sheet to review the optimum mounting position and information about the derating curve.
- Current rating of an approved primary/secondary cable should be greater than or equal to that of the unit. Please refer to the specification.
- For LED power supplies with waterproof connectors, verify that the linkage between the unit and the lighting fixture is tight so that water cannot seep into the unit.
- For dimmable LED power supplies, make sure that your dimming controller is capable of driving these units. For ELN series, either 0° or 10° angle, require 40mA each unit; for those with 0° to 1° dimming function, e.g. HLG and LPF series, require 0.35mA each unit.
- Warning: The wire color will vary by country, please refer to the table below.

North America	European Harmonized
Line and ACN	Brown
Neutral and ACN	Blue
PE and PG (Class 1 only)	Green

a) Connect the PE wire (green or green/white) of the LED power supply to PE (green or green/white). This step can be skipped when the unit is marked class I, ungrounded.

b) Connect the ACN wire (black or brown) of the LED power supply to the Live (black or brown).

c) Connect the ACN wire (black or brown) of the LED power supply to N (neutral (blue or blue/white)).



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[pdf] User Manual Specifications

pc 83 Manual Mean Well HLP 40H 20 LED EN meanwell web content files s productPdfs MW Installation

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Installation Manual TypeLED Power Supply FamiliesAP, CEN, CLG, ELG, ELN, GSC, HBG, HLG, HLN, HLP, ... 0 480V 2 HVGC-240 480V 2 HVGC-320 480V 1 LCM-25 16 LCM-40 16 LCM-60 15 LCM-25DA 16 **LCM-40DA** 16 LCM-60DA 15 LPC-20 5 LPC-35 2 Installation Manual B16 C10 C16 D10 D16 12 13 20...

lang:en score:28 filesize: 580.32 K page_count: 7 document date: 2016-07-01

MW
LED HOUSE

Installatiehandleiding

Type: LED energievoorziening
(Combinering: AP, CEN, CLG, ELG, ELN, GSC, HBG, HLG, HLN, HLP, HSD, HVG, LCM, LP, LPE, PFC, RFP, CEN, HSD, PFC, PFD, PFL, PFR, PFM, ULP)

Inleiding
De LED energievoorziening is een toegerust apparaat dat een constante stroom/voltage levert of een aanpasbare stroom genereert door middel van externe dimmers aan de LEDs. Afhankelijk van het type of het design, constant, hebben sommige niet alleen FCC capaciteit maar kunnen ook in een moeilijke omgeving zoals stof, vocht of plakken worden gebruikt. De LED energievoorzieningen van Mean Well zijn verkrijgbaar met een mechanische bescherming, een hermetische behuizing of een PFC type.

Installatie

- Vóórdat u met installatie of montagewerkzaamheden begint, dient u de verbinding van de energievoorziening met het stroomnetwerk te verbreken. Zorg ervoor dat het niet onopzettelijk weer kan worden verbonden!
- Zorg voor voldoende ventilatie rondom de unit en plaats geen objecten boven het apparaat. Houd een afstand van 20-35 cm tot alle in het nabijgelegen apparaat een warmtebronnen.
- De bestemming die afwijkt van de standaard bestemming of het gebruik onder hoge omgevingstemperaturen kan de temperatuur van de componenten verhogen en vereist een vermindering van de afgegeven stroom. Kijk in de specificaties voor de optimale montagepositie en informatie over de curve van de vermindering van de afgegeven stroom.
- De nominale opening van een goedgekeurd primaire/secondaire kabel dient groter dan of gelijk aan de nominale opening van de eenheid te zijn. Zie specificaties.
- Voor LED energievoorzieningen met waterdichte aansluitingen dient u de verbinding tussen het apparaat en de verlichting te controleren, zodat water niet in het apparaat kan komen.
- Voor dimbare LED energievoorzieningen dient u ervoor te zorgen dat de dimmer geschikt is voor de bestemming van deze apparaten. De ELN serie, of 0° of 10° type, hebben 40 mA per eenheid nodig; voor de dimmer met 0° tot 1° dimmingfunctie, bijvoorbeeld HLG en LPF serie, heb 0,35 mA per eenheid.
- Let op: De draadkleuren variëren per land, kijk hiervoor altijd naar de onderstaande tabel.

Line and ACN	Brown	Blue
Neutral and ACN	Blue	Brown
Massa van de behuizing en optioneel PFC (Class 1 only)	Green	Green/white

a) Verbind de behuizing (groen of groen/wit) van de LED energievoorziening aan de massa (groen of groen/wit). Deze stap kan worden overgeslagen als de eenheid geclassificeerd is als klasse I niet-geaard.

b) Sluit de ACN draad (zwart of bruin) van de LED energievoorziening aan op de nuldraad (blauw of blauw-wit).

c) Sluit de ACN draad (zwart of bruin) van de LED energievoorziening aan op de nuldraad (blauw of blauw-wit).



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RoHS RECYCLED PLASTIC PACKAGE

[pdf] User Manual

pc 83 Manual Mean Well HLP 40H 20 LED NE meanwell web content files s productPdfs MW Installation

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Installatiehandleiding TypeLED energievoorziening onderverdelingAP, CEN, CLG, ELG, ELN, GSC, HBG, ... 6 8 13 HVGC-240 480V 2 HVGC-320 480V 1 LCM-25 16 LCM-40 16 LCM-60 15 LCM-25DA 16 **LCM-40DA** 16 LCM-60DA 15 LPC-20 5 LPC-35 2 LPC-60 2 LPC-100 1 LPC-150 2 LPF-16 9 LPF-...

lang:nl score:28 filesize: 563.11 K page_count: 7 document date: 2016-07-01

