KNX DEMO KIT
Product Brochure

Model Name: YHS-KIT02-220

V1.1

LCM-25/40/60KN

Recommended ★★★★★

Product Key Features

◇ Constant Current mode with output current level selectable by DIP switch

◇ KNX protocol

◇ Built-in KNX push button interface

◇ Emergency mode function

◇ Constant Lumen Output

◇ Synchronization function up to 10 units

◇ Log or Linear dimming curve selection, Operating hours feedback

◇ Application: LED commercial/office lighting, LED decorative lighting

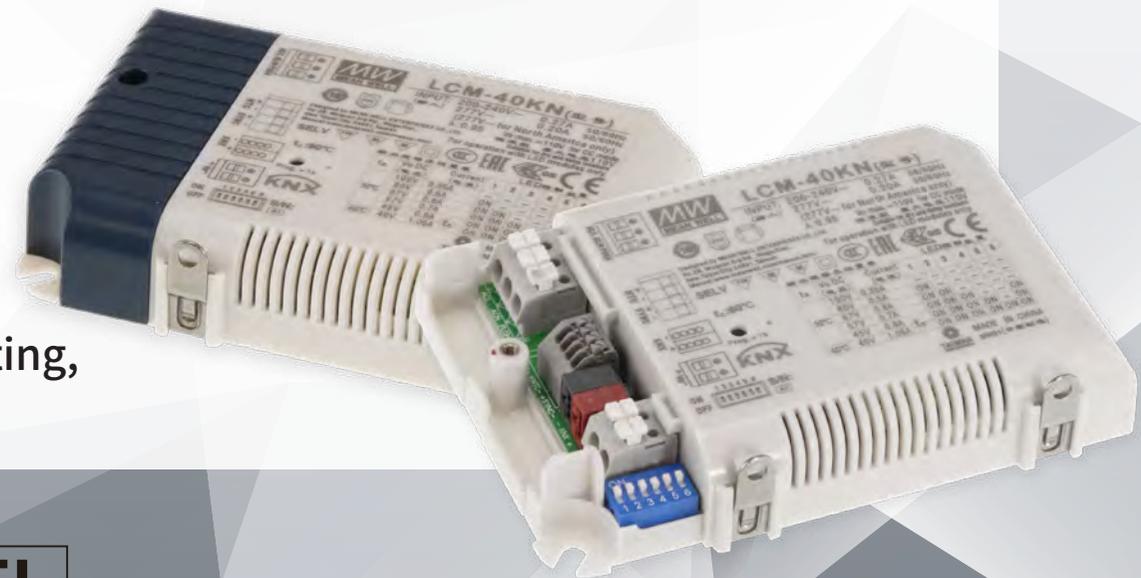LCM-25KN   LCM-40KN   LCM-60KN

MW meanwell   KNX®   CE   DEKRA   EL

LCM-25/40/60KN

Recommended ★★★★★

Selling points

◇ Avoid "Not working" issue between gateway from A brand and DALI driver from B brand. When end users look for solution, they often reply not our device issue instead of giving solutions.

◇ Avoid centralized gateway and possibility to break down the whole system

◇ Save time for installer after addressing by gateway

◇ Operating hours feedback, Power consumption feedback, Constant Lumen Output

◇ Save cost on push button interface

◇ Dim scenario in emergency mode

◇ No need to have DALI or software knowledge

MW MEAN WELL   **KNX®**   **CE**   DEKRA   **EL**

KNX BUS POWER SUPPLY

Recommended ★★★★

Product Key Features

◇ Certified KNX power supply for Home and Building Electronic Systems

◇ Power the KNX BUS and KNX device

◇ Smallest size in the world 4SU (72mm) DIN width

◇ Output models: 30V, 40E: 1280mA

◇ Diagnostic function(D version)

◇ Safety: EN61558-1, EN61558-2-16(EN50491-3) approved

◇ Working temperature: -30~+70 ℃

◇ 3 years warranty

KNX-40E-1280(D)

MW MEAN WELL **KNX**® **CE** DEKRA 40E only

KNX BUS POWER SUPPLY

Selling points

◇ Smaller footprint(KNX-20E-640: 3SU; KNX-40E-1280: 4SU)

◇ Line coupler can be avoided(cost saving) when using KNX-40E to bridge two KNX lines

◇ KNX-40E-1280D provides monitor the Bus activity e.g. Vo, Io, load%, PSU temp, overload….etc

◇ High Quality

MW MEAN WELL

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40E only

PWM-60/120KN KNX direct driver

Recommended ★★★★★

Product Key Features

◇ Constant voltage mode

◇ KNX protocol

◇ Min dimming level 0.01%

◇ PWM output frequency 4KHz compliant to IEEE 1789-2015 no risk flickering

◇ Built-in software : Over Temperature Protection

◇ Constant Lumen Output

◇ Log or DALI or Linear dimming curve selection

◇ Application: Centralized CV lighting source suitable for indoor installations

PWM-60KN   PWM-120KN

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PWM-60/120KN KNX direct driver

Recommended ★★★★★

Selling points

◇ **Including most of features & selling points** specified in LCM KN series

◇ High PWM frequency 4KHz to avoid Health Risks

◇ **User settable output PWM frequency** in case the luminaire need slower frequency e.g. additional DC-DC converter in the following stage

◇ **Low minimum dimming level 0.01%** for low surrounding light level applications e.g. cinema
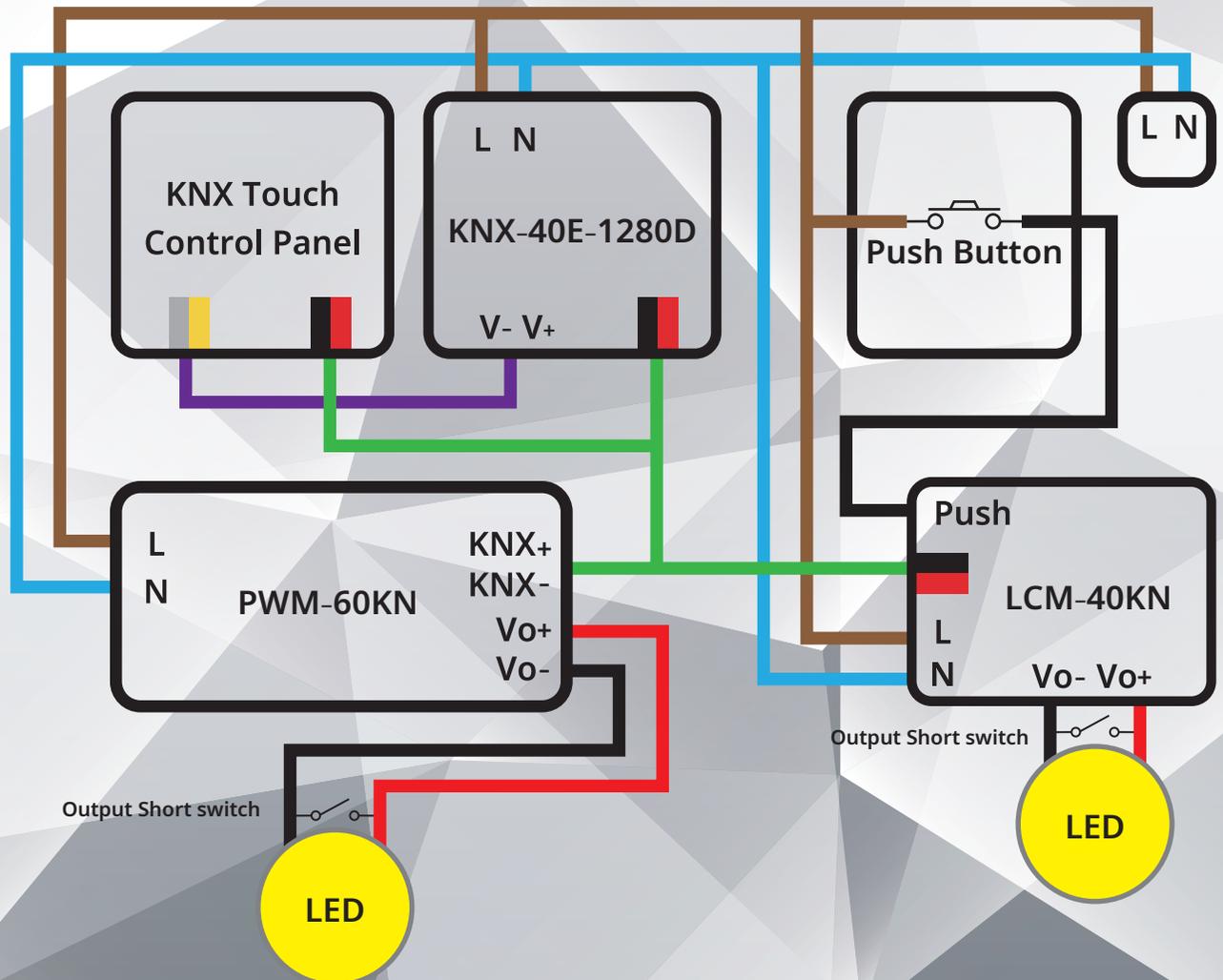
12Vac, G4, MR16...

LED Strip

24Vdc Spotlight

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KNX®

CE

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DEMO KIT Schematic

DEMO Actions

◇ Connected to the AC line to Power on

◇ Use touch screen to Control (LCM & PWM)

A. Lighting control
- Dimming
- power consumption
- cumulative operation time,
- output fault...etc

B. BUS monitoring
- Voltage
- Current
- Load%

◇ Use Push Dim to do lighting control