

# Specification For Sensor LED Driver

## Model No. : MLC40C-M



Elnummer: 3253677



### Feature

- It can detect slight motion, such as typing or keyboard or taking note.
- Integration of slight microwave motion sensor, daylight sensor and LED driver.
- Achieve daylight harvesting with daylight sensor MS06
- Automatic switching and dimming based on motion. Whole dimming range is **flicker-free**.
- Grouping function by wires.
- Sensor parameters set by dip switches and remote control allow for easy installation.

### Introduction

This a particular sensor driver for indoor use. Combine with flicker-free dimming and microwave motion detection technology, more energy saving and intelligent for lighting applications, such as office, meeting room, class room etc.

### Parameters

Model No.	<b>MLC40C-M</b>
Operating voltage	220~240Vac, 50/60Hz
Input current	0.26Max.
Output constant current	700mA, 750mA, 800mA, 850mA, 900mA, 950mA, 1000m A, 1050mA, set by dip switch.
Output voltage	30-42Vdc
No load voltage	45Vdc
Efficiency	<b>≥ 86%</b> (@230V,full load)
Power factor	≥ 0.9
Transmitting power	< 1mW
Power consumption	≤ 1W(standby)
HF system	5.8GHz± 75MHz, ISM wave band
Detect sensitivity	100%/50%
Hold time	5s / <b>5min</b> / 15min/ + ∞ (see note 1)
Stand-by period	0s/10min /30min / +∞
Daylight sensor	50lux/150lux /300lux/Disable(see note 2)
Stand-by dimming level	10% /25%

Mounting height	3.5m Max.
Detection area(Radius)	Switch on: 4m (Only detect obvious movement such as walking). After switching on 2m(can detect slight motion, such as typing)
Motion detection	0.5-3m/s
HF system	5.8G Hz +/-75MHZ, ISM band
Detection angle	150° (Wall installation) 360° (Ceiling installation)
Operating temperature	-25~50°C
IP rating	IP20
Synchronizing function	Yes 4 terminals for grouping(see note 3 )
EMC standard	EN55015:2013, EN61000-3-2:2014, EN61000-3-3:2013 EN61547:2009
LVD standard	EN61347-1:2008+A1+A2, EN61347-2-13:2014
Certification	CE & SAA (pending)
Dimension(L*W*H)	110*92*40.5mm

**Note:**

- 1, +∞ means led panel will remains 100% on even there is not movement.
- 2, Disable means daylight sensor does not work. Sensor will switch on lights when motion is detected even if with sufficient light.
- 3, In one group, any Master or Slave detect the motion, all panel lights in the group will turn on at the same time.

**Dimension**

