

# LED Downlight

MQTL1241

**MEGAMAN®**

**PRODUCT DATASHEET**

5W/12W/15W/24W



## Product Features

- DOB IC driver, integrated design, easy installation and wiring
- Ultra-thin shape, simple and beautiful;
- Complete size, serialized style shape;
- Back-lit, luminous uniform without dark area
- High performance LED chips, high lumen efficiency and low light decay;
- Flicker free, effectively protect eyesight;
- No UV, infrared radiation, no mercury environmental protection.

## Application

- Home
- Shop, Store, Mall
- Office
- Conference Room
- School



# LED Downlight

## MQTL1241



PRODUCT DATASHEET  
5W/12W/15W/24W

### General Information Data

| Electrical parameters |             |
|-----------------------|-------------|
| Rated Voltage         | 170-240VAC  |
| Rated Frequency       | 50/60Hz     |
| Life Data             |             |
| Life Time             | 15000h      |
| Switch Times          | > 7500      |
| Operation Data        |             |
| IP                    | IP20        |
| Operating Temperature | -20°C~+45°C |
| Storage Temperature   | -20°C~+60°C |
| Mechanical Data       |             |
| Housing Material      | PP          |
| Cover Material        | PP          |
| Other                 |             |
| SDCM                  | < 6         |
| Certification         | CB/ROHS     |



### Base Specification

| Model      | Watts (W) | Size   | Color Temperature | PF  | Luminous Flux (lm) | Beam Angle |
|------------|-----------|--------|-------------------|-----|--------------------|------------|
| MQTL1241-Y | 9W        | 4 inch | 3000K             | 0.5 | 650lm              | 120°       |
| MQTL1241-Y | 9W        | 4 inch | 4000K             | 0.5 | 720lm              | 120°       |
| MQTL1241-Y | 9W        | 4 inch | 6500K             | 0.5 | 720lm              | 120°       |
| MQTL1241-Y | 12W       | 5 inch | 3000K             | 0.5 | 870lm              | 120°       |
| MQTL1241-Y | 12W       | 5 inch | 4000K             | 0.5 | 960lm              | 120°       |
| MQTL1241-Y | 12W       | 5 inch | 6500K             | 0.5 | 960lm              | 120°       |
| MQTL1241-Y | 15W       | 6 inch | 3000K             | 0.5 | 1080lm             | 120°       |
| MQTL1241-Y | 15W       | 6 inch | 4000K             | 0.5 | 1200lm             | 120°       |
| MQTL1241-Y | 15W       | 6 inch | 6500K             | 0.5 | 1200lm             | 120°       |
| MQTL1241-Y | 24W       | 8 inch | 3000K             | 0.5 | 1730lm             | 120°       |
| MQTL1241-Y | 24W       | 8 inch | 4000K             | 0.5 | 1920lm             | 120°       |
| MQTL1241-Y | 24W       | 8 inch | 6500K             | 0.5 | 1920lm             | 120°       |
| MQTL1241-F | 9W        | 4 inch | 3000K             | 0.5 | 650lm              | 120°       |
| MQTL1241-F | 9W        | 4 inch | 4000K             | 0.5 | 720lm              | 120°       |
| MQTL1241-F | 9W        | 4 inch | 6500K             | 0.5 | 720lm              | 120°       |
| MQTL1241-F | 12W       | 5 inch | 3000K             | 0.5 | 870lm              | 120°       |
| MQTL1241-F | 12W       | 5 inch | 4000K             | 0.5 | 960lm              | 120°       |
| MQTL1241-F | 12W       | 5 inch | 6500K             | 0.5 | 960lm              | 120°       |
| MQTL1241-F | 15W       | 6 inch | 3000K             | 0.5 | 1080lm             | 120°       |
| MQTL1241-F | 15W       | 6 inch | 4000K             | 0.5 | 1200lm             | 120°       |
| MQTL1241-F | 15W       | 6 inch | 6500K             | 0.5 | 1200lm             | 120°       |
| MQTL1241-F | 24W       | 8 inch | 3000K             | 0.5 | 1730lm             | 120°       |
| MQTL1241-F | 24W       | 8 inch | 4000K             | 0.5 | 1920lm             | 120°       |
| MQTL1241-F | 24W       | 8 inch | 6500K             | 0.5 | 1920lm             | 120°       |

# LED Downlight

## MQTL1241

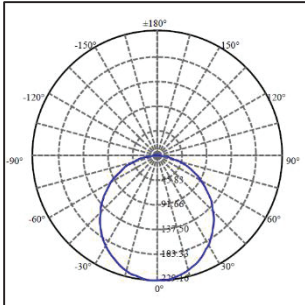
**MEGAMAN®**

### PRODUCT DATASHEET

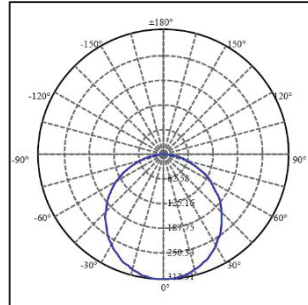
5W/12W/15W/24W

#### Photometric Diagram

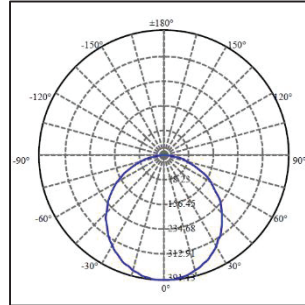
MQTL1241-Y 9W 6500K



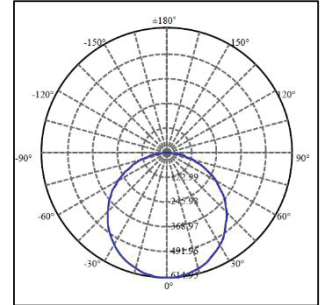
MQTL1241-Y 12W 6500K



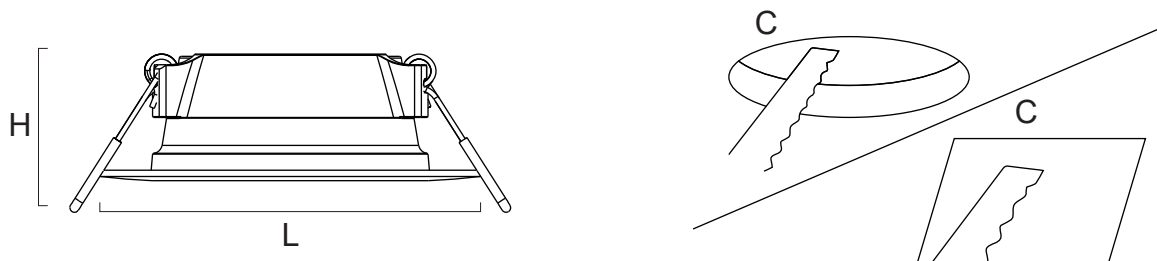
MQTL1241-Y 15W 6500K



MQTL1241-Y 24W 6500K



#### Dimensional Drawing & Packaging Information



| Model          | L<br>(mm) | H<br>(mm) | C<br>(mm) | Single Box Dimension<br>(L*W*H)mm | Packing Unit<br>(pcs/ ctn) |
|----------------|-----------|-----------|-----------|-----------------------------------|----------------------------|
| MQTL1241-Y 9W  | Ø 120     | 30        | Ø 105     | 123*35*123                        | 60                         |
| MQTL1241-Y 12W | Ø 145     | 30        | Ø 125     | 150*36*150                        | 30                         |
| MQTL1241-Y 15W | Ø 175     | 30        | Ø 150     | 175*36*175                        | 30                         |
| MQTL1241-Y 24W | Ø 220     | 30        | Ø 200     | 235*36*225                        | 24                         |
| MQTL1241-F 9W  | 120*120   | 30        | 105*105   | 135*35*123                        | 60                         |
| MQTL1241-F 12W | 145*145   | 30        | 125*125   | 160*36*150                        | 30                         |
| MQTL1241-F 15W | 175*175   | 30        | 150*150   | 185*36*175                        | 30                         |
| MQTL1241-F 24W | 220*220   | 30        | 200*200   | 235*36*225                        | 24                         |

