

MEGAMAN®

demagro

ELECTRO

New Appearance of LED AR111 Series (Revision)

January 23, 2014



MEGAMAN® LED AR111

When we launched the slimmer profile of the LED AR111 in 11W (model numbers ER2711d-50H24D and ER2911d-50H45D) during the distributor meeting in autumn 2013, we received lots of valuable feedback from distributors regarding product improvement.

After evaluating the feedback, we decided to apply an engineering change. We are now delighted to show you the new look LED AR111. Lighting performance remains unchanged, so the lamp continues to be a perfect replacement for the 50W halogen AR111.



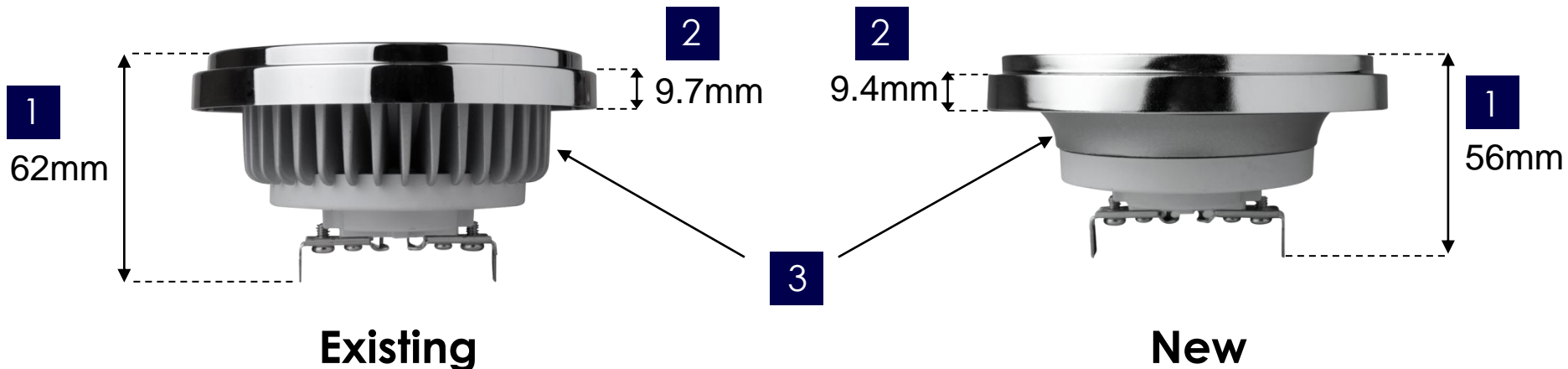
ER2711d-50H24D
ER2911d-50H45D

NEW LED AR111

Reduced size with slimmer profile

In order to have the same compact profile as halogen AR111 lamps, enabling it to fit in more existing fixtures, we have applied the following upgrade:

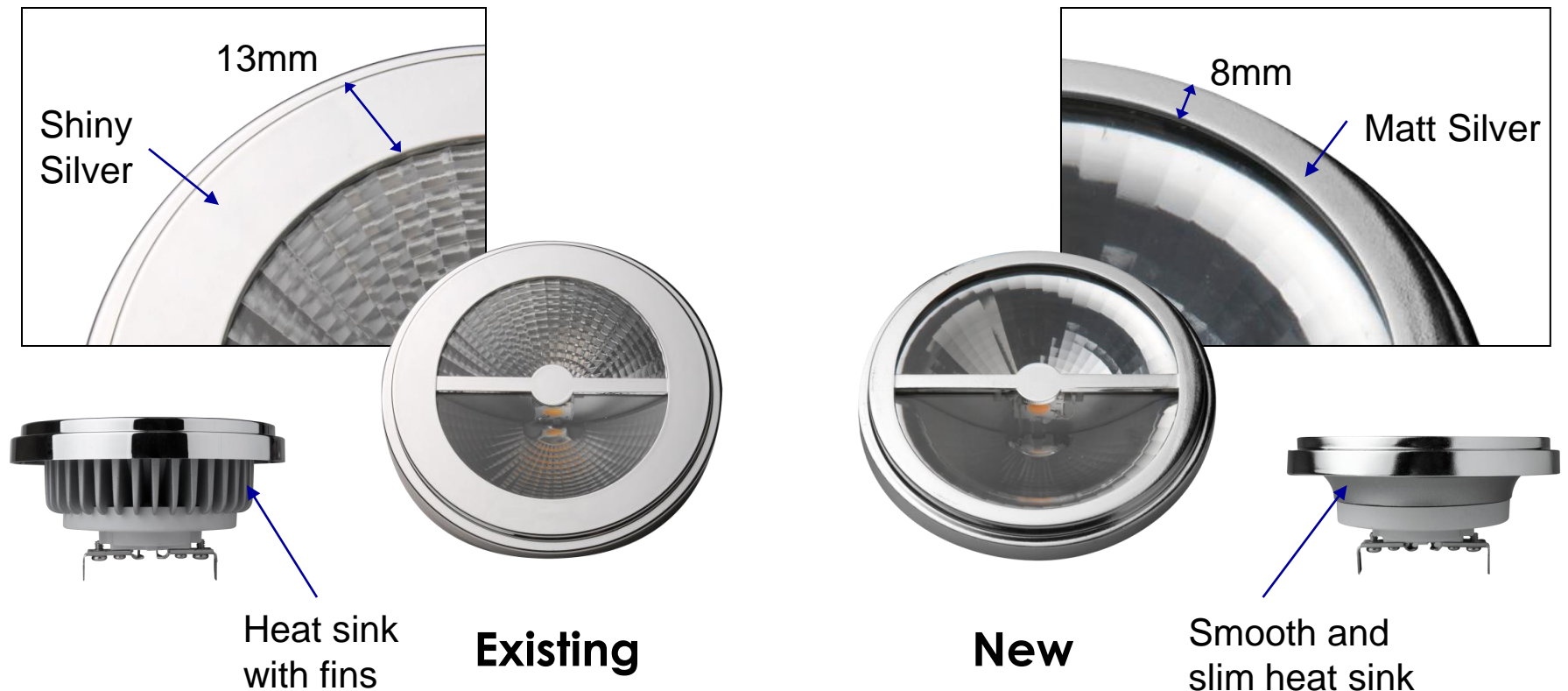
- 1 The overall height is reduced from 62mm to 56mm
- 2 The height of the trim is reduced from 9.7mm to 9.4mm
- 3 The shape of the heat sink is now more slender



NEW LED AR111

To pursue a more attractive outlook, we applied the following upgrade:

1. Reduced the trim thickness to reveal more of the reflector
2. Changed the trim colour from shiny silver to matt silver
3. The new model has a slim and smooth heat sink



Specification

LED AR111

50W Halogen Replacement

ER2711d-50H24D

11W

24° 3600cd

600lm

Voltage (V):

Lamp Base:

Rated Life (hrs):

Colour Temp. [CRI]:

Measurement (mm):

Dimmable:

Energy Label:

ER2911d-50H45D

11W

45° 1400cd

630lm

AC/DC 12V

G53

35,000

2800K / 4000K [Ra80]

(D) 111 x (L) 56

100% to 10%

Grade A



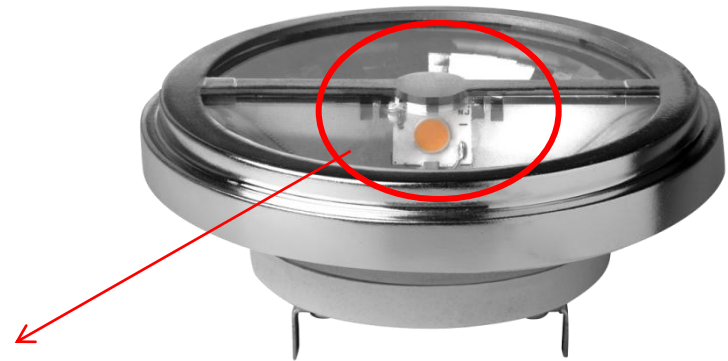
Standard version

By reducing the overall lamp height, we have redesigned the PCBA and reflector. After re-engineering, the LED chip is nearer the glass cover.

The reduction of the trim thickness has revealed more of the LED chip, which increases the possibility of releasing glare.



Existing



New

Increased the
possibility of
releasing glare

Anti-glare shield version

In order to cater for users who have concerns regarding glare, we have developed an anti-glare shield version. To better control the light distribution and further enhance the comfort level of the light delivered, the glare shield is used to reduce any direct, uncontrolled light. In this case, minor luminous efficacy is used as a trade-off for quality and comfortable lighting.

The anti-glare shield version will be a special offer and will not be listed in our general catalogue. Please contact our Marketing Team for the quotation.



Standard version
(without glare shield)



Anti-glare shield
version

Specification - Anti-glare shield version

LED AR111

50W Halogen Replacement

ER2711dv2-50H24D

11W

24° **3400cd**

450lm

ER2911dv2-50H45D

11W

45° **1300cd**

470lm

Voltage (V):

Lamp Base:

Rated Life (hrs):

Colour Temp. [CRI]:

Measurement (mm):

Dimmable:

Energy Label:

AC/DC 12V

G53

35,000

2800K / 4000K [Ra80]

(D) 111 x (L) 56

100% to 10%

Grade A



LED by
MEGAMAN®