

Low Voltage Downlights

1. Are these products UL listed?

Yes, they are UL & C.UL listed for both the United States and Canada.

2. You have many categories of low voltage trim styles, how do I select one?

Trims are arranged by aperture size even though all use MR16 lamps (with the exception of the HR-D329 shower trim). We have 3" and 4" aperture sizes. The basic choices are based on aesthetics of the various trims.

3. How do I decide which trims fit which housings ?

Every trim has a series of corresponding housing choices. Consult WAC Lighting's main catalog or website.

4. How do I choose a housing?

You need to first determine whether this is a new construction or a remodeling situation. Then determine if the housing will be in contact with insulation (I/C housing) or not (Non-IC). Next determine your wattage requirements. The greatest range of housing options can be found in the 4" Die-cast series. Check our catalog for dimensions and applicable trims. A matrix of our 4" magnetic transformer housings is shown below.

FEATURE	HR-8401H / HR-8401E	HR-8401HF	HR-8402H / HR-8402E	HR-8402HF	HR-8402HL	HR-8402HFL	HR-8403H	HR-8403HF
Wattage	50W	50W	50W	50W	75W	75W	50W	50W
Input	120V	277V	120V	277V	120V	277V	120V	277V
Usage	Remodeling	Remodeling	New construction	New construction	New construction	New construction	New construction	New construction
Lamp type	20-50W max MR16	20-50W max MR16	20-50W max MR16	20-50W max MR16	50-75W max MR16	50-75W max MR16	20-50W max MR16	20-50W max MR16
Insulation	3" clearance (Non I/C)	Direct Contact (I/C)	Direct Contact (I/C)					
Replacement Transformer	HR-8001	HR-8001F	HR-8002	HR-8002F	HR-8002L	HR-8002FL	HR-8003	HR-8003F

5. Can the trims be installed without a can or housing?

No, you must use a can or housing with the trims.

6. Is there a low voltage remodeling housing rated for insulation contact?

No, the IC rating is only found in new construction housings.

7. Can the hanger bars on your HR-8400 series new construction cans be moved to accommodate joists running perpendicular?

Yes, hanger bars can be used on all four sides of the housing.

8. Can your housings be used on a drop ceiling? If so, how?
Yes. Use a new construction housings. The hanger bars rest on the top of the "T" bars and are secured in position.
9. Can these fixtures be installed in the bathroom?
Yes, they are suitable for damp locations (porch or bathroom), but not wet locations (above a shower or outdoors).
10. I have a concrete ceiling, must I use housings with low volt trims?
Yes. National electrical codes require the use of these housings for all installations.
11. Can low voltage trims use accessory lenses?
Yes, trims may be fitted with an accessory lens (such as a frosted or colored lens) in place of the clear glass lens supplied.
12. How do I know when to order sockets, and when not to order sockets?
All housings are equipped with sockets. Only the HR-D425 requires a special socket, and it is supplied with the trim.
13. How much current does each 50watt down light draw?
 $50/120V = 0.42Amp$.
14. Do any of the downlights come with bulbs?
No, you may purchase the MR16 lamps separately
15. Why do I need to order the lamps separately?
Mirrored reflector lamps like an MR16 come in a wide variety of beam spreads. Since we cannot know which beam spread might be best for your particular installation, ordering the lamp separately allows you to select the best lamp for your project. You can contact a WAC Lighting Specialist at 800.526.2588 for assistance with proper lamp selection.
16. Why would I want to use a remote transformer separate from the housing?
Some of the WAC housings did not have built-in transformer, therefore a remote transformer is necessary.
17. Why would I choose a magnetic transformer housing as opposed to an electronic model?
You may want to utilize existing controls or dimming system. The magnetic transformer downlights require magnetic low voltage dimmers. The other primary use for magnetic models is in high heat or cold applications, since magnetic transformers are more tolerant of more unusual temperature environments.
18. How are Low Voltage Recessed Downlights sustainable?
Our Low Voltage Recessed Downlights have a Five-Year Warranty and are Responsibly produced in WAC's clean, zero landfill manufacturing campus with in-house UL testing labs.

FAQ Category:

Recessed Downlights

Recessed Downlights