

# M1 SERIES

## 1" Miniature LED Recessed

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**Question:** Can I install the M1 in a drywall niche where insulation is present?

**Answer:** Yes, absolutely!

**Question:** In the description you mention frosted optics and clear. Why both?

**Answer:** We found when using a clear optic in a niche the scallop has a yellowish edge. By frosting the lens, we eliminate the yellow, thereby lighting the niche with more consistent white light.

**Question:** Then why do you include a clear optic?

**Answer:** If the light is centered, maybe not next to a wall, you will not notice the edge and the clear produces 10% more light.

**Question:** Is it difficult to change the optics?

**Answer:** Not really, but you are dealing with small parts. You unscrew the decorative trim and this exposes the optics. Apply pressure with your finger or thumb against face and while pushing down unscrew the delicate ring that holds in the optic. After the ring is removed and alternate optic is put in, carefully place the O-ring gasket back in and screw the ring in place. Simply screw on the trim and you are finished.

**Question:** It says the maximum distance from driver to unit is 80 ft. combined wire. What does this mean?

**Answer:** It means if you are just doing one unit then it can be 80 ft. from driver. But if you are putting on 4 units then you might do two at 10 feet, one at 20 feet and another at 30 feet for a total of 70 feet (under the maximum allowed 80 feet)

**Question:** Can I mount the M1 as an up-light?

**Answer:** Yes, sometimes you might want to mount the M1 so the light is directed upward to highlight a focal point. M1 is UL listed for this application, but only indoors or dry locations. M1 is not to be mounted where standing water can get into the unit.

**Question:** I see where one of the drivers is IC rated and the others are not. Can you explain?

**Answer:** We realize with a IC rated M1 fixture you might need a driver that is IC rated, covered in insulation like the fixtures. The dimmable NAPKED-5040HW driver is rated for 35 watts when used in an IC application. The other drivers did not pass the test required for IC rating. Note: The drivers can always be mounted above the insulation in a well ventilated area if you need a larger or smaller driver.

**Question:** Speaking of drivers, Nora shows three compatible drivers. What are the differences?

**Answer:** First, the 12 watt driver is NOT dimmable. The 12 watt was intended for smaller jobs where cost might be a factor. After de-rating by 20% for maximum performance, the 12 watt driver is for five units and below. The 35W and 60W drivers are electronic dimmable drivers that can handle more M1 units (14 units on the 35W and 24 units on the 60W).

**Question:** The M1 is listed for wet label applications, but the drivers are not?

**Answer:** You are correct, the drivers are not wet listed. If the driver is to be mounted in a wet location, it would need to be mounted in a watertight box by others.

**Question:** Where do you see the M1 being used?

**Answer:** Obviously in drywall and plaster niches. It is so small: maybe some wood details, inside a cabinet, or outside in and around a deck. Since it is IC rated, you can use the M1 to create a design in the ceiling indoors or outdoors. It is perfect for lighting a shower niche shelf.

**Question:** What do I need for a complete system of 4 lights installed in an IC application ( Insulation present)

**Answer:** You will need 4 modules (NM-170) , wiring harness (NM1-TM6 or NM1-WH6, extensions if needed and the IC Rated driver (NAPKED-5040W)