



Attention: Read and understand these instructions before installing fixture. This fixture is intended for installation in accordance with the National Electric Code and local regulation. To assure full compliance with local codes and regulations, check with your local electrical inspector before installation. This equipment is guaranteed only when used as indicated in these instructions; therefore they should be kept for future reference. To prevent electrical shock, turn off power supply before carrying out any connection or maintenance operations. During installation, the LED chips may be exposed; please do not touch them to ensure proper long-term operation.

STEP 1

Make sure all pieces of the mounting are in the package

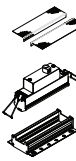
MSHHR1TL-SERIES



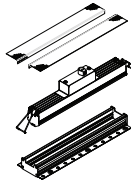
MSHHR2TL-SERIES



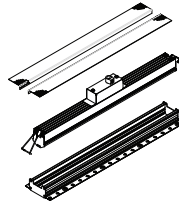
MSHHR4TL-SERIES



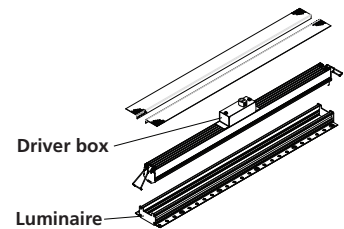
MSHHR8TL-SERIES



MSHHR12TL-SERIES



MSHHR16TL-SERIES



STEP 2

Make a ceiling opening, refer to diagram for ceiling aperture cut-out dimensions.

1X 2 - 3/16" (5,56cm) 1- 3/4" (4,5cm)



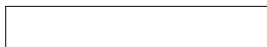
2X 2 - 3/16" (5,56cm) 3- 1/4" (8,3cm)



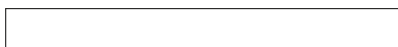
4X 2 - 3/16" (5,56cm) 6- 1/8" (15,6cm)



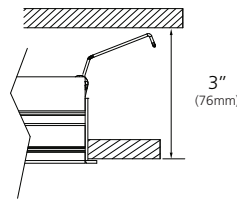
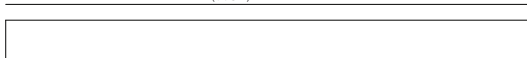
8X 2 - 3/16" (5,56cm) 11- 7/8" (30,2cm)



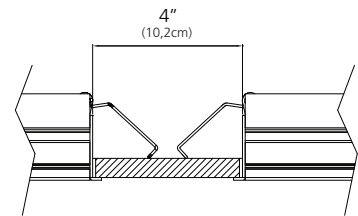
12X 2 - 3/16" (5,56cm) 17- 3/4" (45,1cm)



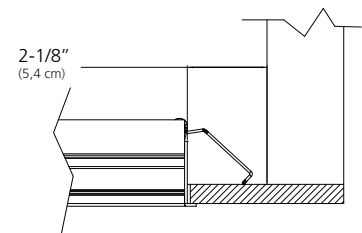
16X 2 - 3/16" (5,56cm) 23- 5/8" (60cm)



Minimum mounting distance
between ceilings



Minimum mounting distance
between light module

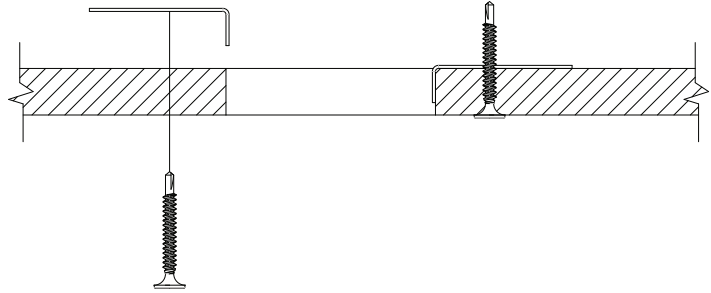
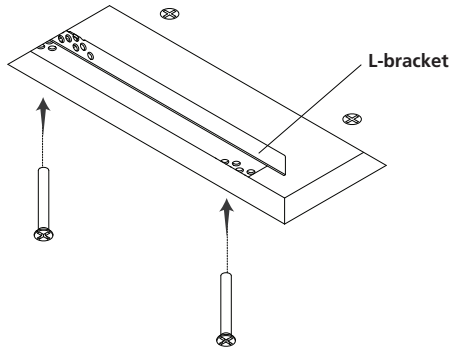


Minimum mounting distance
from joist to light module



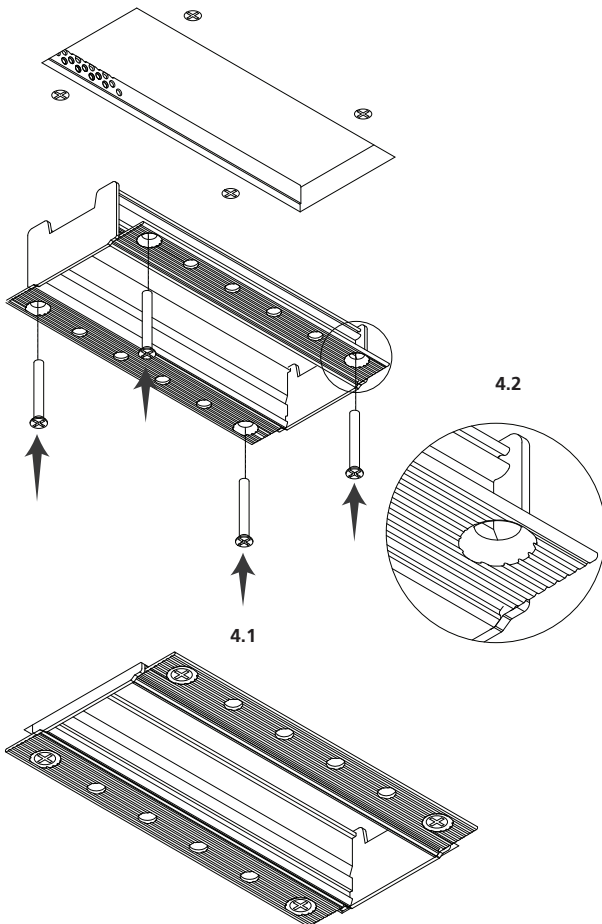
STEP 3

Install perforated L-bracket inside ceiling aperture with drywall screws on both sides (screws not provided)



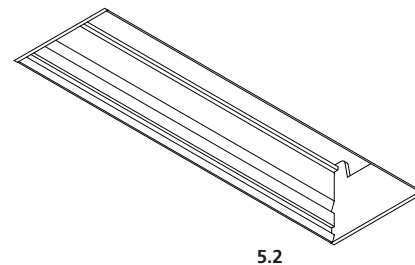
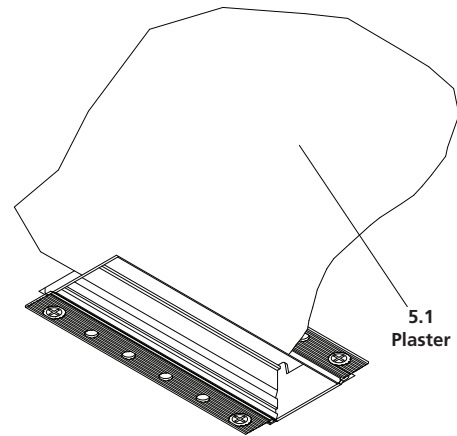
STEP 4

4.1 Secure the frame in place with drywall screws on both sides (screws not provided)
4.2 Use flange holes



STEP 5

5.1 Cover flange with plaster/ joint compound
5.2 Paint before light engine installation

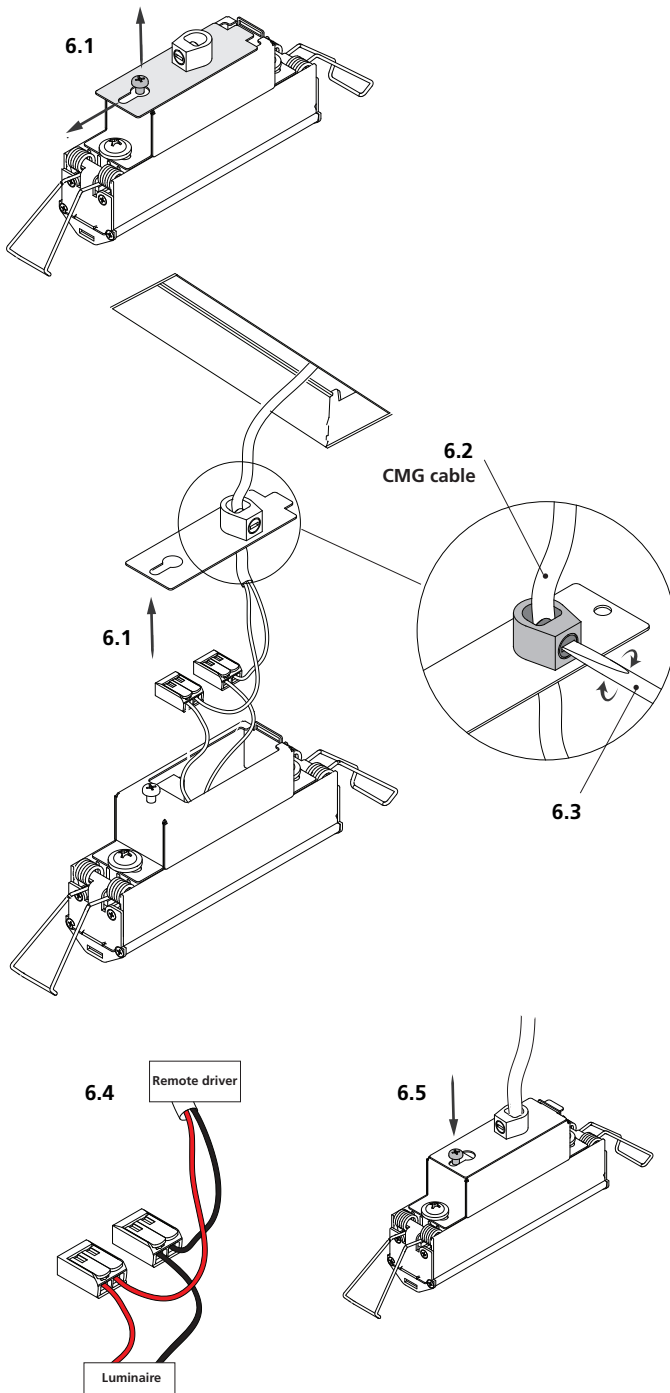




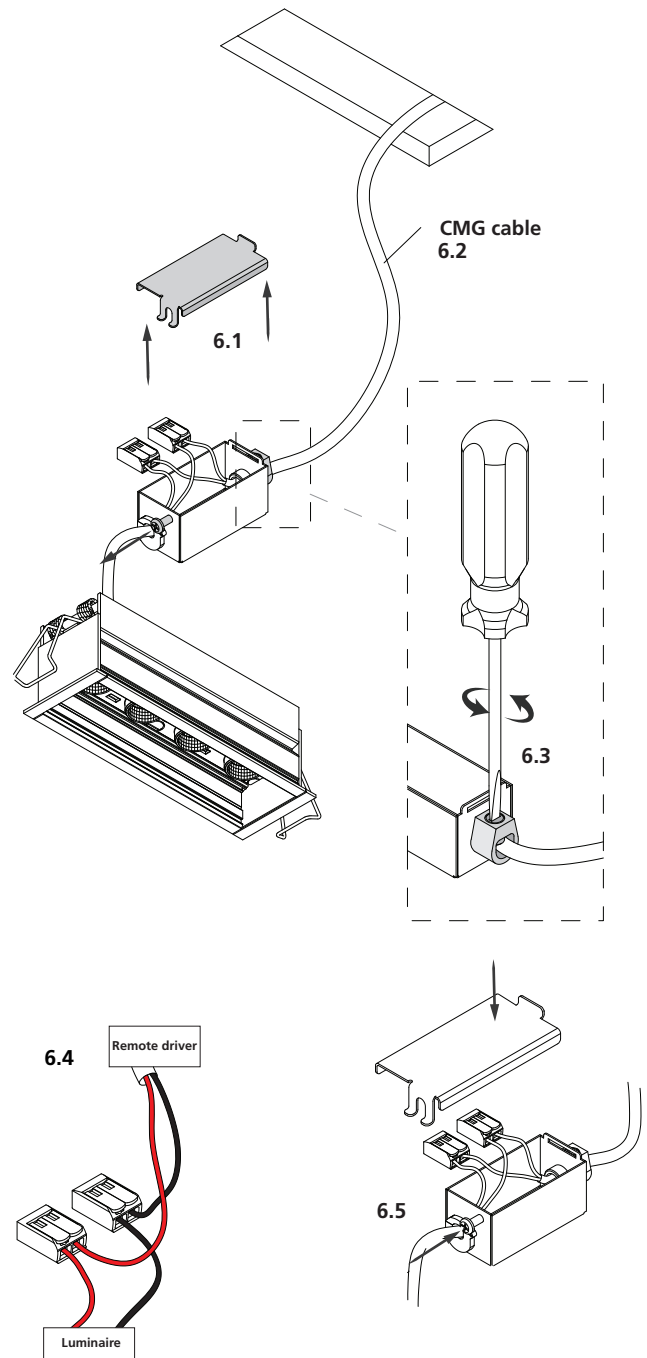
STEP 6

- 6.1 Open connection box by removing cover.
- 6.2 Install CMG cable* from remote low voltage class 2 driver through strain relief. (Not included)
- 6.3 Tighten cable inside strain relief.
- 6.4 Make appropriate connection (See step 6.A, 6.B)
- 6.5 Screw back connection box cover.

***Note : Strain relief can accept a total of 0.3" in diameter (0,762cm) of wires.**



OR

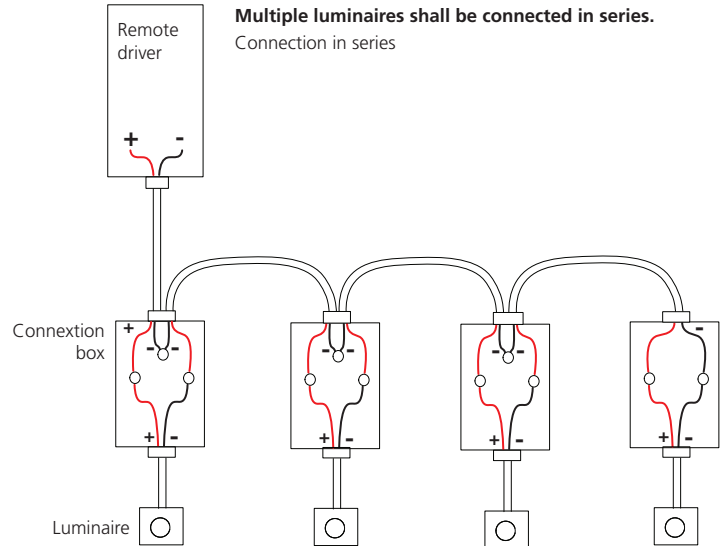
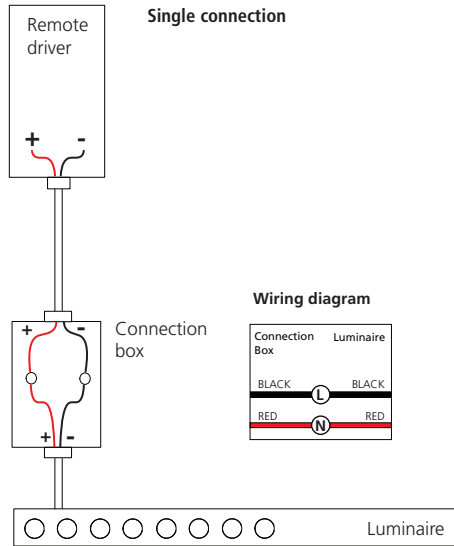




STEP 6.A

Make the appropriate electrical connection by following wiring diagram instruction

NOTE 1: It is strongly recommended to not exceed 100ft. wire distance between driver and luminaires



STEP 6.B

Before installing the remote driver, please verify that you have the correct one for your application. DO NOT wire more than the maximum recommended number of luminaires on the same driver circuit. Wiring in SERIES ONLY

REMOTE DRIVER 900mA 50W : MSHR950yy

NB LED	MODULE CAT NO	MODULE QTY / DRIVER
16	MSHHR16TLxN	1
12	MSHHR12TLxN	
8	MSHHR8TLxN	1 to 2
4	MSHHR4TLxN	1 to 4
2	MSHHR2TLxI	1 to 8
1	MSHHR1TLxI	1 to 16

REMOTE DRIVER 900mA 20W : MSHR920yy

NB LED	MODULE CAT NO	MODULE QTY / DRIVER
8	MSHHR8TLxN	1
4	MSHHR4TLxN	1 to 2
2	MSHHR2TLxI	
1	MSHHR1TLxI	1 to 6

REMOTE DRIVER 600mA 50W : MSHR650yy

NB LED	MODULE CAT NO	MODULE QTY / DRIVER
16	MSHHR16TLxI	1

REMOTE DRIVER 700mA 50W : MSHR750yy

NB LED	MODULE CAT NO	MODULE QTY / DRIVER
12	MSHHR12TLxI	1
8	MSHHR8TLxI	1 to 2
4	MSHHR4TLxI	1 to 4

REMOTE DRIVER 700mA 20W : MSHR720yy

NB LED	MODULE CAT NO	MODULE QTY / DRIVER
8	MSHHR8TLxI	1
4	MSHHR4TLxI	1 to 2

X = CRI, CCT, BEAM ANGLE, RATING, TRIM COLOR

yy = DALI (120/ 277V) OR 0-10V (120/ 277V)

I = Inherently protected suitable for IC & NON-IC application

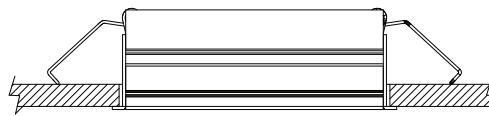
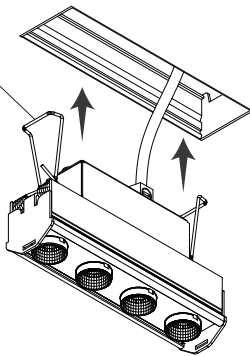
N = NON-IC application only



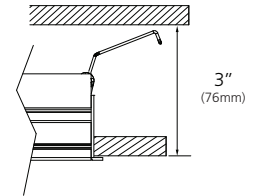
STEP 7

- 7.1 Push mounting springs upward
7.2 Install light module inside ceiling aperture

7.1
Mounting springs



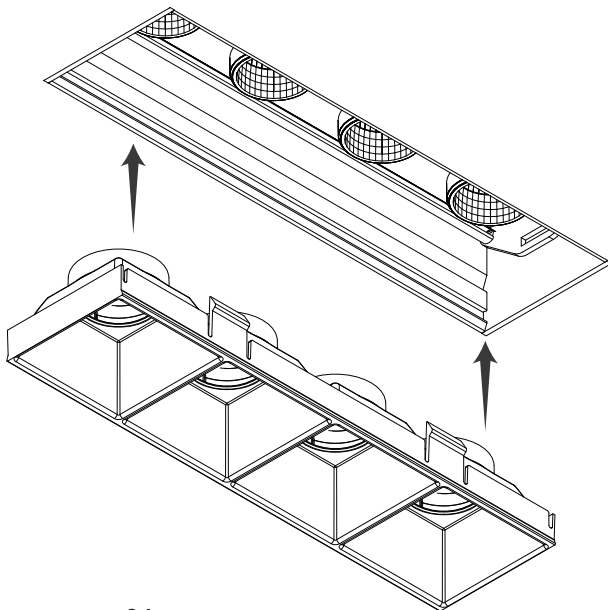
7.2



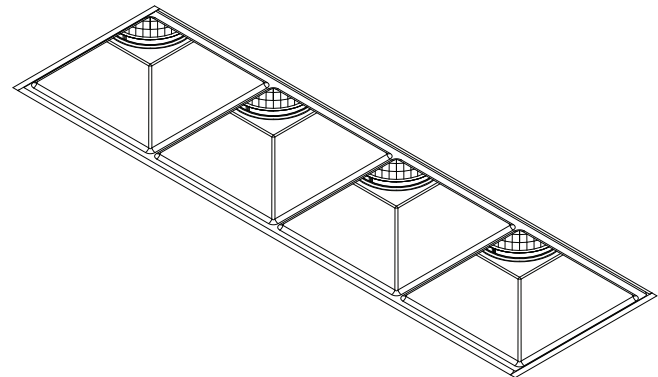
Minimum mounting distance
between ceilings

STEP 8

- 8.1 Install reflector by clipping inside light module



8.1a



8.1b