Manufactured in the USA - IBEW



# Mosaic Recessed
## Color Mixing Tunable White Recessed Multiple

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The Mosaic Recessed is a color tuning, variable white fixture.  It features high color rendering across a broad range of color temperatures, and the ability to add saturation and hue to your space. Think of it as a color palette to transform your environment, giving you the ability to paint the environment with rich color.  The high quality variable white is perfect for retail, museum or hospitality settings.

It can be operated with a variety of control options, including DMX or RDM, 0-10V controllers, or Lutron control systems.

## Features

- Available in 1 to 4-light linear configurations
- 10°, 20°, 40° or 60° field-changeable reflectors
- Tunable range: 1650 - 8000K
- 90+ CRI
- Dimmable from 100 - 0.1% at constant CCT
- <2 MacAdam ellipse over 50,000 life
- Blends into the ceiling and can be installed with or without trim
- Each LED is individually mounted for pan and tilt
- Each lamp can be individually controlled in 2, 3 & 4 light configurations
- Accepts a variety of lenses and accessories
- Adjustable trim with torsion springs for ceilings up to 2" thick
- Adjustable butterfly mounting brackets included (additional mounting hardware provided by others)
- Black, white and silver trims available - custom colors upon request
- Compatible with 0 - 10V wired controls
- On-board Bluetooth Low Energy (BLE) included in every fixture
- Meets FCR 47 CFR Part 15/18 Requirements
- 90-305 VAC, 50/60 Hz

## Control

- Protocol: DMX/RDM, Lutron Ecosystem, 010V or Bluetooth
- 4 DMX Channels
- Input: Ethercon and terminal block for DMX, terminal block only for 0-10V or ECO dimming
- Output: Ethercon and terminal block for DMX, terminal block only for 0-10V or ECO dimming
- Color Preset can be saved
- Do not install on a cicuit containing a dimmer.

| # of Lamps | Total Wattage | Delivered Lumen |
|---|---|---|
| CT20R-1 | 25W | 2000 |
| CT20R-2 | 50W | 4000 |
| CT20R-3 | 75W | 6000 |
| CT20R-4 | 100W | 8000 |



COLORmix

## Ordering Matrix

| Model | # of Lamps | Inside Finish | Trim Finish | Optics | Dimming* |
|---|---|---|---|---|---|
| CT20R | 1 = 1-Linear<br>2 = 2-Linear<br>3 = 3-Linear<br>4 = 4-Linear | B = Black<br>W = White<br>S = Silver<br>CC = Custom | B = Black<br>W = White<br>S = Silver<br>CC = Custom | 10 = 10°<br>20 = 20°<br>40 - 40°<br>60 = 60° | ECO = Lutron Ecosystem<br>010 = 010V Dimming<br>DMX = DMX / RDM |

* See notes on dimming on reverse.
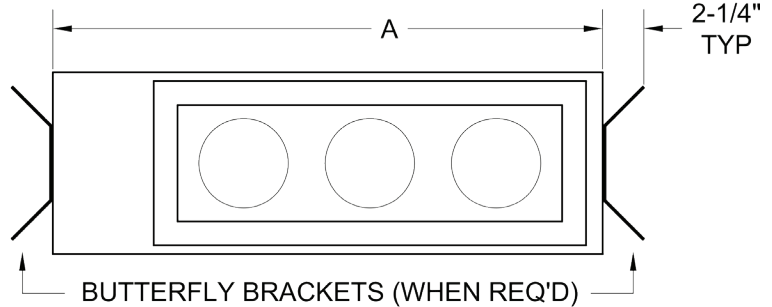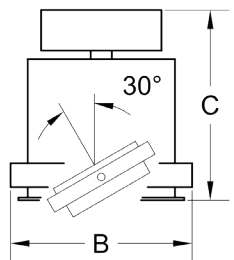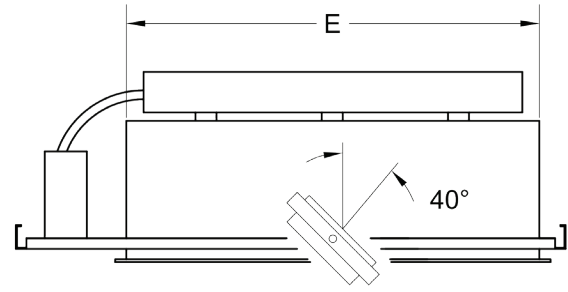
**Example:**  CT20R-2-B-B-40-DMX

CT20R-_____-_____-_____-_____-_____-_____

**1-Linear** CT20R-1

**2-Linear** CT20R-2

**3-Linear** CT20R-3

**4-Linear** CT20R-4

D

E

40°

1/2" - 2"
ADJUSTABLE

30°

C

B

A

2-1/4"
TYP

BUTTERFLY BRACKETS (WHEN REQ'D)
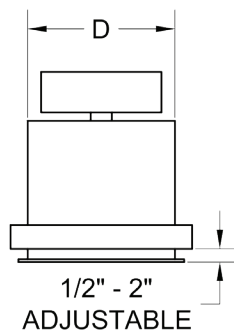
| | Length | Width | Height | Ceiling Cut-Out | |
|---|---|---|---|---|---|
| Model # | (A) | (B) | (C) | (D) | (E) |
| CT20R-1 | 14⅜" | 8⅝" | 9⅝" | 7⅛" | 8" |
| CT20R-2 | 20¼" | 8⅝" | 9⅝" | 7⅛" | 14" |
| CT20R-3 | 26⅛" | 8⅝" | 9⅝" | 7⅛" | 20" |
| CT20R-4 | 32 ⅛" | 8⅝" | 9⅝" | 7⅛" | 25¾" |

## Accessories

| | |
|---|---|
| **LV18*** | Louver |
| **DF22*** | Dichroic Color Filter |
| **GF22-600*** | 5°x50° Linear Lens |
| **GF22-601*** | Beam Softener |
| **GF22-673*** | 50°x50° Spread Lens |
| **X00517** | Accessory Holder |

* X00517 Required, not compatible with 10° reflector option.

### Notes on Dimming:

010 = 0-10V standard will dim to approximately 40%

DX3 = 3PIN XLR In - Out
DX5 = 5PIN XLR In - Out
DXT = Terminal Block In - Out
DXE = RJ45 Ethernet (Ethercon)
DXTC = Terminal Block In-Out

Note: DMX will also function with RDM.

**NOTE:** These fixtures are not IC or Chicago Plenum Rated.