

CT23R MOSAIC MULTIPLES

FULL COLOR TUNABLE WHITE RECESSED MULTIPLE

MANUFACTURED IN THE UNITED STATES - IBEW



PRODUCT LISTED
BY A NATIONALLY
RECOGNIZED
TESTING
LABORATORY



The CT23R Mosaic Multiples are RGB Color Mixing and Recessed Multiples. They feature 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.

- 2000 Lumen Output per cell
- 5 DMX Channels
- **Color Tuning:** RGB+ Intensity+ CCT
- **Tunable Range:** 1800K-6500K tunable white
- 84 - 95 CRI
- Dimmable from 100 - 0.1% at constant CCT
- <2 MacAdam ellipse over 50,000 hour life
- Available in 1 to 4-light linear configurations

NUMBER OF LAMPS	TOTAL WATTAGE	LUMENS
CT23R-1	31W	2000
CT23R-2	62W	4000
CT23R-3	93W	6000
CT23R-4	124W	8000

FEATURES

- 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.
- 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.

POWER

- **Power Consumption:** 31W per cell, 124W total
- **Maximum Operating Temperature:** 104°F (40°C) ambient
- 90 - 305 VAC, 50/60 Hz
- Do not install on a circuit containing a dimmer.
- DMX Addressing is RDM-only.

OPTICS

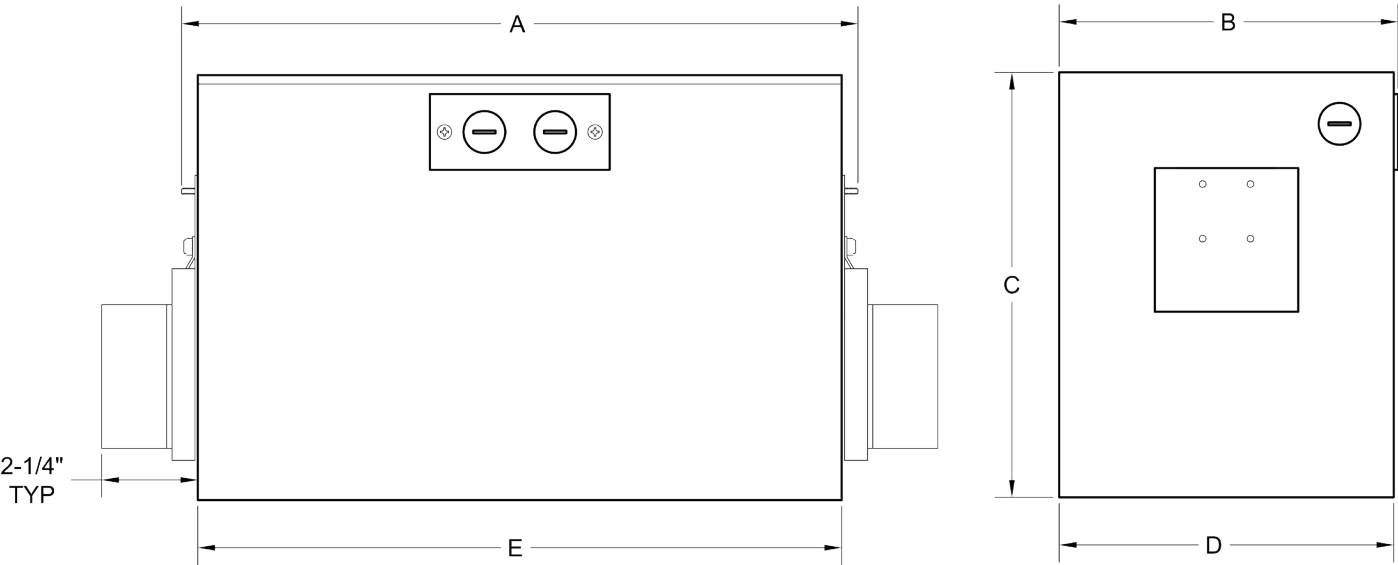
- 25°, 40° or 60° field-changeable reflectors

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CALIBRATED CCT SPECIFICATIONS

CCT [K]	TYPICAL CRI
1800 (min)	90
2700	93
3000	95
3500	95
4000	93
6500 (max)	84

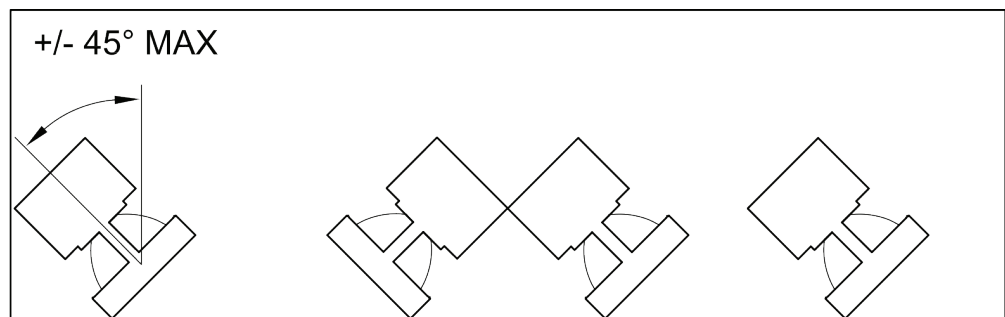
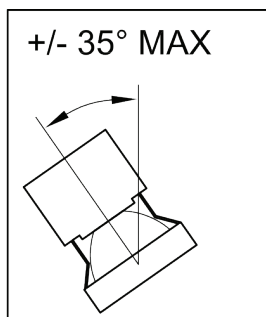
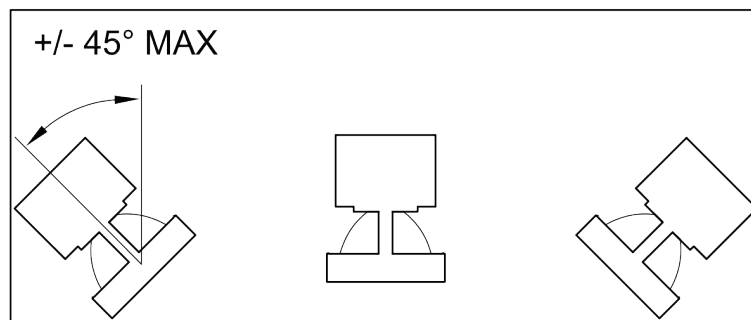
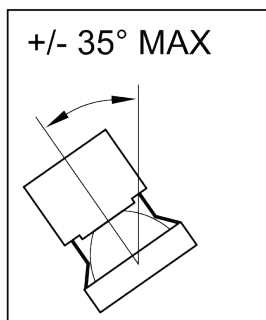
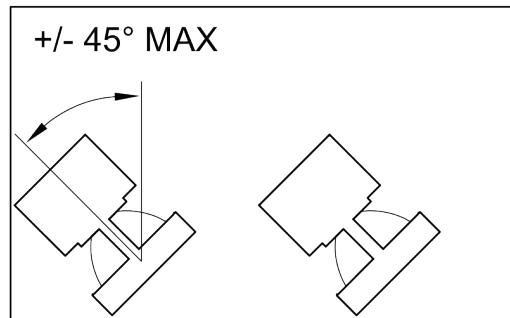
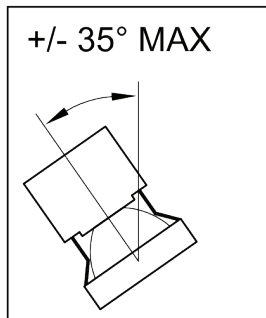
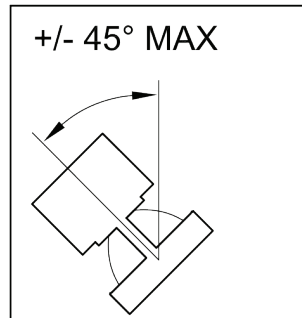
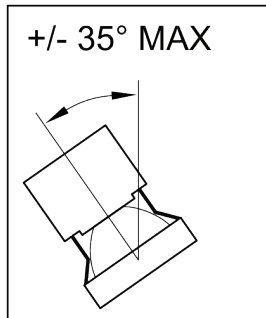
NOTES ON DIMMING

Visit tslight.com/resources or scan the QR Code.



END VIEWS

SIDE VIEWS



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MODEL NUMBER	LENGTH	WIDTH	HEIGHT	CEILING CUT-OUT	
	(A)	(B)	(C)	(D)	(E)
CT23R-1	8 - 1/2"	7 - 1/2"	9"	7 - 3/16"	8"
CT23R-2	14 - 1/2"	7 - 1/2"	9"	7 - 3/16"	14"
CT23R-3	20 - 3/8"	7 - 1/2"	9"	7 - 3/16"	20"
CT23R-4	26 - 1/4"	7 - 1/2"	9"	7 - 3/16"	25 - 3/4"

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.



1-LINEAR
CT23R-1



2-LINEAR
CT23R-2



3-LINEAR
CT23R-3



4-LINEAR
CT23R-4



SPECIFY:

MODEL		NUMBER OF LAMPS		INSIDE FINISH			
CT23R		1 = 1-Linear 2 = 2-Linear 3 = 3-Linear 4 = 4-Linear		B = Black W = White S = Silver CC = Custom Color			
TRIM FINISH		GIMBLE FINISH		OPTICS		DIMMING	
B = Black W = White S = Silver CC = Custom Color		B = Black W = White S = Silver CC = Custom Color		25 = 25° Degree 40 = 40° Degree 60 = 60° Degree		DX = DMX / RDM CS = Casambi Wireless	

DMX PROFILES

DMX PROFILE	DMX CHANNEL	Ch1	Ch2	Ch3	Ch4	Ch5
RGBIK *	5	Red	Green	Blue	Intensity	CCT
RGB22	5	Red	Green	Blue	Warm White	Cool White
IKSH	4	Intensity	CCT	Saturation	Hue	
RGB-18K	4	Red	Green	Blue	1800K White	
RGB-22K	4	Red	Green	Blue	2200K White	
RGB-27K	4	Red	Green	Blue	2700K White	
RGB-30K	4	Red	Green	Blue	3000K White	
RGB-40K	4	Red	Green	Blue	4000K White	
RGB-65K	4	Red	Green	Blue	6500K White	

* Default

EXAMPLE: CT23R-2-B-B-B-40-DMX

MODEL	NUMBER OF CELLS	INSIDE FINISH	TRIM FINISH	GIMBLE FINISH	OPTICS	DIMMING
CT23R						