Kino Flo True Match software and Flash Programmer Tool update as of June 11, 2025 for the following Kino Flo LED products:

Diva-Lite 20/30, 21/31/41 version 6.0 DFS FreeStyle LED Controllers version 6.0 DFS, Select LED Controllers version 6.0 DFS Celeb 250 version 6.0 CEL2 Celeb 450/450Q version 6.0 CEL4 Celeb 850 version 6.0 CEL8 Image L80/L40 version 6.0

True Match Firmware 6.0 Update: FX mode was removed.

(Note: Although user interface and functionality are the same, each product has its own specified software. Select & FreeStyle fixtures – update is downloaded to the LED-150X, LED-151X, LED-120X or LED-140X LED Controller.)

If there is already a version of Renesas Flash Programmer installed, you can use the existing project and then select the newer version of the .srec firmware file.

Otherwise, follow the instructions below to install the latest version.

Requirements:

1) A **USB-A** to **USB MINI-B** cable is required to perform the update.



2) OSS supported Windows 10 (32-bit and 64-bit) Windows 11

Download and unzip KinoFlo_RFP_V3.zip

Double click on Renesas_Flash_Programmer_Package_V31600.exe to install the programming software.

Note: The Flash Programmer needs to be installed only once for future updates.

📙 🛃 🚽 V3				_	o ×
File Home Share View					^ 🕐
Image: Pin to Quick access Copy Paste Image: Copy path Pin to Quick access Copy Paste Image: Paste shortco	to t	New item ▼ The sy access ▼ New folder	Properties	Select all Select none	
Clipboard	Organize	New	Open	Select	
← → × ↑ 📑 > KinoFlo_RFP_V3 >	>		√ ³	Search KinoFlo_RFP_V	م د
10.1	▲ Name	^	Date modifie	ed Type	Size
🖈 Quick access	TrueMatch6		6/10/2025 5:	14 PM File folder	
	Renesas_Flash_Programmer	_Package_V31600.exe	6/20/2024 5:	30 PM Applicatio	n 8
	* 📓 RFPV3.ini		10/10/2023 1	1:04 AM Configura	tion sett
Pictures 🔊	*				
? G:\	*				
Exe					
KF_LED					
Reference					
📕 TrueMatch6					
🖁 Kinoflo Lighting Systems					
📤 OneDrive - Kinoflo Lighting Systems					
💻 This PC					
🧊 3D Objects					
E. Desktop					
Documents					
🕂 Downloads	v <				>
3 items 1 item selected					

Select Agree and click the Next button



All items should be selected, click Next

S Renesas Electronics Microcontroller Development Tools Installer [Installation]	n Complete]	×
Component Selection		
Product Name Renesas Flash Programmer V3.16.00 USB Driver for E1/E20 emulators V1.01.00 USB Driver for Renesas MCU Tools V2.77.00 The USB driver for USB Boot MCU TypeA V1.00.02 The USB driver for USB Boot MCU TypeB V1.03.00 Image: Comparison of the USB driver for USB Boot MCU TypeB V1.03.00	Size 48374K 3386K 3983K 3386K 3925K	
Install location		Drive: C: Free space: 201244897280KB Required space: 63054KB
C:\Program Files (x86)\Renesas Electronics\		Browse
	< Back	Next > Cancel

When prompted, click Install device software

Renesas Electronics Microo	controller Development Tools Installer [Installation Progress]	×
Install Status		
Renesas Flash Programmer V3. Installation compledted success USB Driver for E1/E20 emulato Installation failed. [0] USB Driver for Renesas MCU T	fully. rs V1.01.00:Installing	
	III Windows Security	
	Would you like to install this device software?	
	Name: Renesas Electronics Corporation Renesas Publisher: Renesas Electronics Corporation	
	Always trust software from "Renesas Electronics Install Don't Install Corporation".	
	You should only install driver software from publishers you trust. <u>How can I decide which device software is safe to install?</u>	
	Abort Installations	
	< Back Next > Cancel	

When prompted, click Install device software

Renesas Electronio	cs Microcontroller Development Tools Installer [Installation Progress]	\times
Install Status		
Installation complected USB Driver for E1/E2 Installation failed. [0] USB Driver for Reness Installation completted The USB driver for US Installation failed. [0]	0 emulators V1.01.00:Installing as MCU Tools V2.77.00:Installing	
	🖽 Windows Security X	
	Would you like to install this device software?	
	Name: Renesas Electronics Corporation Ports (C Publisher: Renesas Electronics Corporation	
	Always trust software from "Renesas Electronics Install Don't Install	
	You should only install driver software from publishers you trust. <u>How can I decide which device</u> software is safe to install?	
	Abort Installation:	s
	< Back Next > Can	cel

Click Finish when install is complete.

Renesas Electronics Microcontroller Development Tools Installer [Installation Complete]			
etup is complete. Click [Finish] to exit setting.			
Il installations were completed successfully. Netup is complete. Click [Finish] to exit setting.			
Launch Update Manager			
	< Back	Next >	Finish

Go into the TrueMatch6 directory.

I Image: State of the stat		- □ × ^ (2)
Pin to Quick. Copy access	tt Move Copy to v to v	Belect none
Clipboard	Organize New Open	Select
← → × ↑ 📙 > KinoFlo_RFP_V3	~	Search KinoFlo_RFP_V3
	Name Date mo	dified Type Size
A Quick access	TrueMatch6 6/10/202	5 5:14 PM File folder
 Desktop Downloads Documents Pictures G:\ Exe KF_LED Reference TrueMatch6 Kinoflo Lighting Systems 		4 5:30 PM Application 8 23 11:04 AM Configuration sett
 OneDrive - Kinoflo Lighting Systems This PC 3D Objects Desktop Documents Downloads items 1 item selected 	v <	

File Home Share	View						^
in to Ouick Conv. Paste	ut opy path iste shortcut	Move Copy to * to *	New item •	Properties	Edit	Select all Select none	
Clipboard		Organize	New	Oper	n	Select	
← → × ↑ 📙 > KinoFlo_	RFP_V3 > Tru	иeMatchб			~ Ū	Search TrueMatch6	م
🖈 Quick access	^	Name	Date m	odified	Туре	Size	
		RX64M Group.fcf	10/10/2	023 10:57 AM	FCF File	2 KB	
Desktop Downloads	*	TrueMatch_RDM_V6_00_CEL	2.srec 6/10/20	25 4:49 PM	SREC File	1,839 KB	
•	*	TrueMatch_RDM_V6_00_CEL		25 4:51 PM	SREC File	· · · · · · · · · · · · · · · · · · ·	
Documents	*	TrueMatch_RDM_V6_00_CEL		25 4:53 PM	SREC File		
Pictures	*	TrueMatch_RDM_V6_00_DFS		25 4:42 PM	SREC File		
? G:\	*	TrueMatch_RDM_V6_00_L40 TrueMatch_RDM_V6_00_L80		25 4:56 PM 25 4:54 PM	SREC File SREC File		
Exe		TrueMatch6.rpj		25 5:20 PM	RPJ File	9 KB	
KF_LED			0, 10, 20			5115	
Screenpresso							
TrueMatch6							
🚆 Kinoflo Lighting Systems							
📥 OneDrive - Kinoflo Lighting	Systems						
💻 This PC							
 3D Objects							
Desktop							
Documents							
Downloads							

Double click on the TrueMatch6.rpj file to launch the programming project.

If the programming file listed is not the correct version, click Add / Remove Files to select the programming file.

Renesas Flash Programmer V3.16.00	- 🗆 X
File Target Device Help	
Operation Operation Settings Block Settings Flash Options Connect Settings Uni	que Code
Project Information Current Project: TrueMatch6.rpj	
	Endian: Little 🗸
Program Files	
<projectdir>\TrueMatch_RDM_V6_00_DFS.srec</projectdir>	
CRC-32: CB42C226	Add/Remove Files
Command	
Program	
Start	
Renesas Flash Programmer V3.16.00 [1 July 2024]	
Loading Project (C:¥Users¥jbz01¥Desktop¥KinoFlo_RFP_V3¥TrueMatch6¥TrueMatch	6 rpj)
	Clear status and message

Click the "Add/Remove Files.." button to select the software file. The software files for the corresponding models will be in these folders:

KinoFlo_RFP_V3/TrueMatch5

a. Select one of the following Kino Flo software and click ok:

FreeStyle, Select or Diva-Lite:

TrueMatch_RDM_V6_00_DFS.srec"

Celeb 250: "TrueMatch_RDM_V6_00_CEL2.srec"

Celeb 450: "TrueMatch_RDM_V6_00_CEL4.srec"

Celeb 850: "TrueMatch_RDM_V6_00_CEL8.srec"

Image L40: "TrueMatch_RDM_V6_00_L40.srec"

Image L80: "TrueMatch_RDM_V6_00_L80.srec"

Unplug the power cable from the fixture, the USB cable will provide power to the fixture.

Plug USB-A into PC.

Simultaneously, **press and hold Preset 1 and Preset 2 buttons** on the control panel. Then, while continuing to press the Preset buttons. plug in USB-Mini-B to the Data port.



 NOTICE, the ON/OFF button should be lit [RED or GREEN] & the DISPLAY will remain DARK.



It is now ok to release the Preset buttons.

After connecting the fixture to the computer via USB as shown above, press the Start button to program the fixture.

The status should show Operation Completed if successful.

Renesas Flash Programmer V3.16.00	– 🗆 X
File Target Device Help	
Operation Operation Settings Block Settings Flash Options Connect Settings Unio	que Code
Project Information	
Current Project: TrueMatch6.rpj	
Microcontroller: RX64M Group	Endian: Little 🗸
Program Files	
<projectdir>\TrueMatch_RDM_V6_00_DFS.srec</projectdir>	
CRC-32: CB42C226	Add/Remove Files
Command	
Program	
Start	ок
Signature: Device: RX64M Group Device Code: 2002FD0901484000	^
Erasing the selected blocks [Code Flash 1] 0xFFC00000 - 0xFFC9FFFF size : 640 K [Code Flash 1] 0xFFFFE000 - 0xFFFFFFFF size : 8 K	
Writing data to the target device [Code Flash 1] 0xFFC00000 - 0xFFC994FF size : 613.3 K [Code Flash 1] 0xFFFFFF00 - 0xFFFFFFFF size : 256	
Disconnecting the tool Operation completed.	
	~
	Clear status and message

Unplug the USB cable and plug back in to power the controller. Press the "MENU" button to verify the correct software version is loaded. It will be displayed on the bottom of the screen.