

# ETC L86 Rack Configuration Worksheet

The *L86 Installation Rack* is available in three heights, each of which may be configured in several ways, using different combinations of C-24 and C-48 chassis. This flexibility makes the *L86 Installation Rack* an ideal choice for a wide variety of entertainment lighting applications.

## Electronics modules

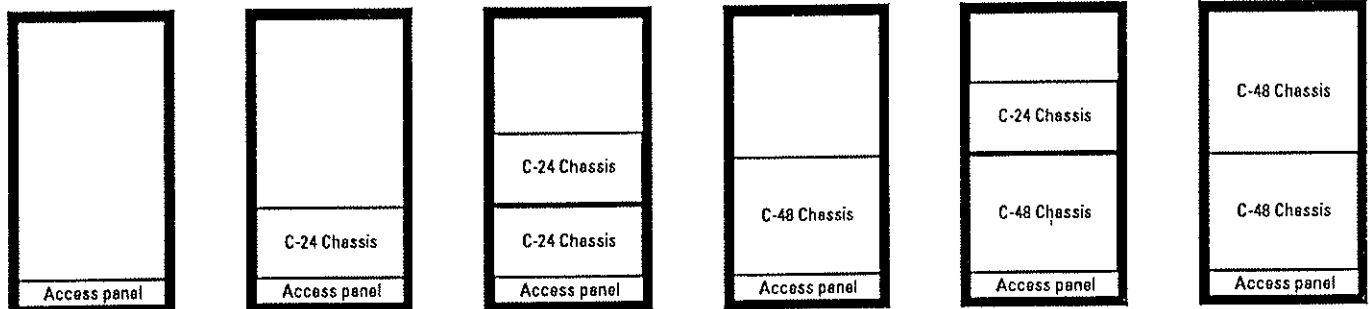
Standard L86 C24 and C48 dimmer chassis include three *L86 EM64* electronics modules, two *L86 EMRF* electronics modules and one *L86 EM13M* electronics module. If a chassis contains different size dimmer modules, an *L86 EMR*

electronics module is also required. If the rack will be configured to accept AMX control signal, an *L86 EMAR* electronics module must be installed in place of an *EMR*.

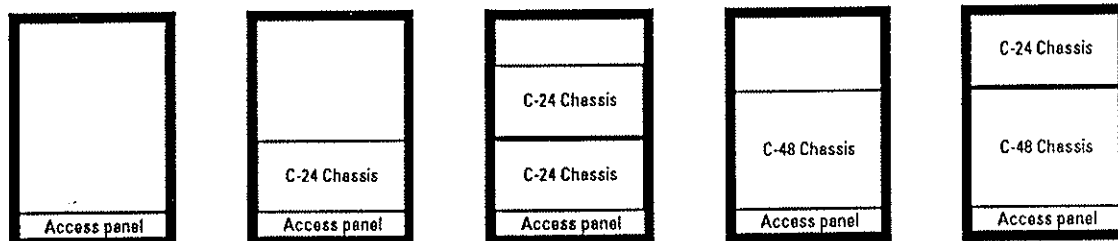
Several possible configurations are illustrated below. If you have additional questions on how best to configure an *L86 Installation Rack*, call ETC at 608/831-4116.

*Note: Available space dimensions allow for the seven-inch (four rack space) distribution panel included in all racks.*

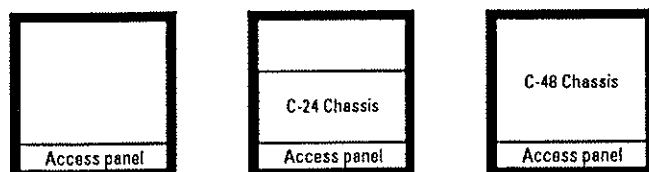
## Full Rack



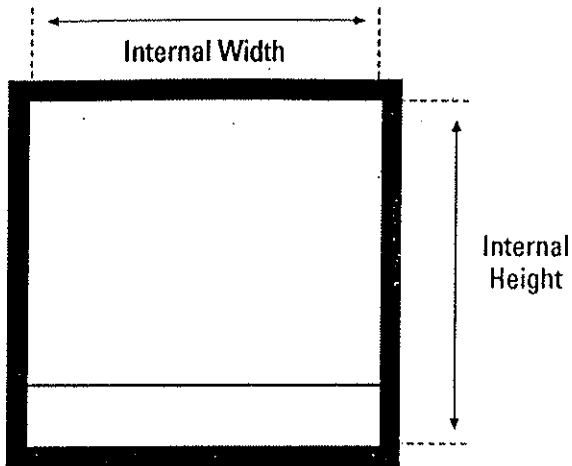
## Mid-Sized Rack



## Half Rack



*Size and weight data on back.*



Rack	Internal Height	Internal Width	Rack Space Available
Full Size	73.50"	30"	42
Mid-Sized	63.00"	30"	36
Half Size	36.75"	30"	21
Component	Height	Width	Rack Space Required
C-48 Chassis (48 modules)	36.75"	30"	21
C-24 Chassis (24 modules)	22.75"	30"	13
CB Panel (36 circuit breakers maximum, per panel)	7.00"	30"	4
225A Frame (main circuit breaker)	10.50"	30"	6
400A Frame (main circuit breaker)	14.00"	30"	8
800A Frame (main circuit breaker)	14.00"	30"	8
ARR/PRR (architectural receiver)	10.50"	30"	6

### Installation Rack component weights (in pounds)

	Full	Mid-size	Half
Frame	162#	144#	102#
Sides (4 per rack)	64#	56#	36# (2 per rack)
Miscellaneous	50#	45#	40#
Chassis	310# (2 C48s per rack)	265# (C48, C24 per rack)	155# (1 C48 per rack)
EM64s	24# (6 per rack)	24# (6 per rack)	12# (3 per rack)
EMBs	12# (6 per rack)	12# (6 per rack)	6# (3 per rack)
2K modules`	576# (96 per rack)	432# (72 per rack)	288# (48 per rack)
Packed rack	1198#	978#	639#

### Individual components

Bussing	15#
1K modules	7# each
2K modules	6# each
6K modules	6# each
EM64 modules	4# each
EMB modules	2# each
EMRF modules	2# each