

SIGNAGE USL-MMA1K

Mini Module A series



OVERVIEW

Ideal for channel letter, these mini-modules offer either 160° or 180° beam angles to create an evenly illuminated surface. This design offers an energy efficient and cost effective solution to sign lighting, and enables the sign designer to control operating costs. Because of its high lumen output, this series helps you create brighter and more evenly illuminated signs using less product. Bringing you more flexibility in installation, it makes custom sign designs simpler than ever before.



FEATURES

- IP67
- Fasten with adhesive or mounting hardware
- 2 LEDs per module
- Up to 90W can be connected together on a single power supply
- Constant voltage

ORDERING INFORMATION

EXAMPLE PN: USL-MMA1K-75K-180D

USL-MMA1K	-	CCT	-	VIEWING ANGLE
		63K		160D
		75K		180D

SPECIFICATIONS

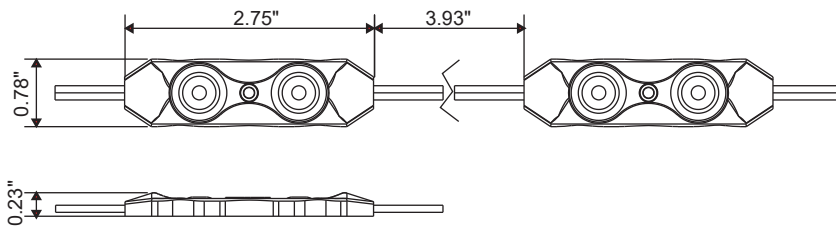
MODEL	OPERATION VOLTAGE	OPERATING TEMPERATURE	RATED LIFESPAN	CCT	CRI	EFFICACY
USL-MMA1K	12V	-40°F - 140°F -40°C - 60°C	50,000 HOURS	6300K, 7500K	70+	113-114 lm/W

MODEL	MODULES/FOOT	POWER (W/ft)*	LUMENS (lm/ft)	CURRENT (mA)	EFFICACY (lm/W)	MAX CONNECTION LENGTH
USL-MMA1K-xxK-160D	2	2.4	270	100	113	75 modules, 37 feet
USL-MMA1K-xxK-180D	1.5	1.8	205	100	114	75 modules, 49 feet

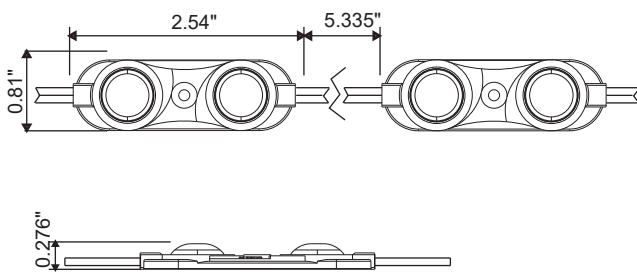
*1.2W per module

DIMENSIONS

160° MODEL



180° MODEL



APPLICATION INFORMATION

MODULE SPACING	2" DEPTH	3" DEPTH	4" DEPTH	5" DEPTH	6" DEPTH	7" DEPTH	8" DEPTH
USL-MMA1K-xxK-160D	NA	NA	6" SPACING	8" SPACING	10" SPACING	12" SPACING	15" SPACING
USL-MMA1K-xxK-180D	5" SPACING	7" SPACING	10" SPACING	15" SPACING			