

# PRG Nocturne® V-28 LED Video Module

The PRG Nocturne V-28 LED Video module, with 28mm pixel pitch, is designed for applications where a lower-resolution image is preferred like longer distance viewing in a stadium or large concert venue. It's a purpose-designed unit for fast-deployment in flexible configurations. It is an ideal video solution for all markets including concert touring, corporate events and theatrical applications. Since the V-28 module doesn't use shaders or hoods, it provides very wide viewing angles, allowing for use in a wide range of venues and seating configurations. Using Nichia 3 in 1 SMD LEDs, the V-28 features a pixel pitch of 28mm and offers superior imaging along with a larger air gap between LEDs that allow light, special effects and audio to pass through. V-28 is great for applications that want to layer LED imaging and lights for a scrim-like effect.

The V-28 is designed for use with a quick-deployment touring frame, which allows for rapid deployment and efficient disassembly. Its modular design makes the product lighter and easier to hang in more configurations as well as making it easier to quickly service in the field. Individual modules can be quickly and easily removed and replaced without the need for tools. The PRG Nocturne Touring Frame is available in different panel sizes for custom-sized LED configurations.

The V-28 LED video module is precisely color calibrated for accurate module-to-module matching throughout the life of the units. In-house color calibration ensures consistent color matching and a superior image for your productions. The V-28 is built and calibrated in the USA, as is the entire range of PRG Nocturne LED video products.

## Universal Processor

All PRG Nocturne LED video products use the same processor reducing the need for multiple processors when mixing any of our V-Series LED video modules.



## Features

- SUPERIOR, LOWER-RESOLUTION IMAGING
- COLOR CALIBRATED
- RAPID DEPLOYMENT TOURING FRAME FOR EFFICIENT INSTALLATION AND DISASSEMBLY
- LIGHTWEIGHT, YET RUGGED DESIGN
- 30% TRANSPARENCY
- FLEXIBLE SIZES OF TOURING FRAMES FOR CREATIVE DESIGNS
- 2,000 NIT BRIGHTNESS (CALIBRATED)

## Specifications

PIXEL PITCH (TRUE PITCH):	28 MM
PIXEL CONFIGURATION/TECHNOLOGY:	3 IN 1 (RGB) SMD
LED BRAND:	NICHIA
VIDEO PROCESSING:	16-BIT
COLOR PROCESSING:	16-BIT
DIMMING CAPABILITY:	12-BIT (4,096 LEVELS)
COLOR TEMPERATURE:	3,000-9,500K (PROGRAMMABLE)
CALIBRATION:	PIXEL TO PIXEL/MODULE TO MODULE FOR EACH COLOR
SCANNING SPEED:	240HZ TO 5,400HZ (PROGRAMMABLE)
REFRESH RATE:	240HZ TO 5,400HZ (PROGRAMMABLE)
HORIZONTAL VIEWING ANGLE:	170°
VERTICAL VIEWING ANGLE:	170°
CONTRAST RATIO:	1,000 TO 1
SERVICE ACCESS:	FRONT & REAR (MAGNETIC MOUNT)
WHITE BRIGHTNESS @ 6,500K:	TYPICAL 2,000 NITS (Cd/m <sup>2</sup> ) (PROGRAMMABLE)
MAX BRIGHTNESS:	2,200 NITS (Cd/m <sup>2</sup> )
TRANSPARENCY:	30%

## PRG Nocturne® V-28 LED Video Module Specifications (continued)

MODULE SIZE (in/mm) W x H x D:	17.64 x 17.64 x 2.73 (448 x 448 x 69.5)
PIXEL DENSITY/MODULE CONFIGURATION:	256 LEDs per module (16 x 16)
PIXELS PER SQUARE METER:	1,276 PIXELS
WEIGHT PER MODULE:	5.25 LBS (2.4 KG)
WEIGHT PER M <sup>2</sup> :	26.1 LBS (11.8 KG)
IP RATING, FRONT/BACK:	IP65/IP65
HUMIDITY PROOF:	YES
DATA CONNECTION:	FIBER/COPPER
AC POWER INPUT:	100 - 240V
MAXIMUM POWER PER MODULE:	75 WATTS
MAXIMUM POWER PER M <sup>2</sup> :	375 WATTS
TEMPERATURE RANGE:	32 to 113° (0 to 45°C)



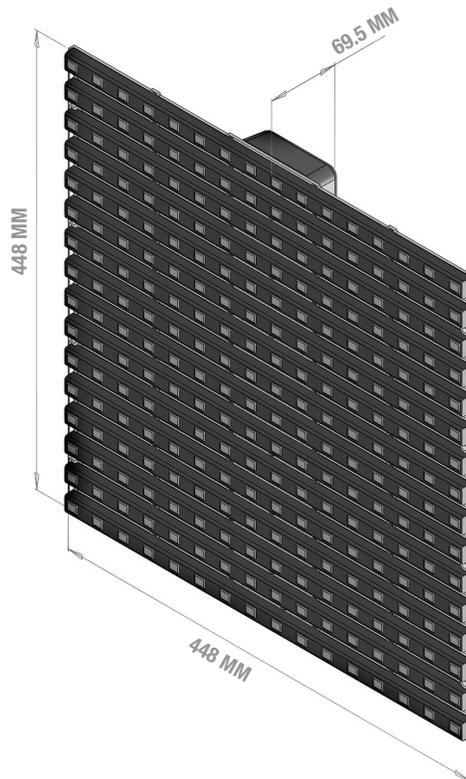
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### Dimensions



**WIDTH:**  
17.64 IN (448 MM)

**HEIGHT:**  
17.64 IN (448 MM)

**DEPTH:**  
2.73 IN (69.5 MM)

**WEIGHT:**  
5.25 LBS (2.4 KG)