vipadel®

Padel by ledprojects

WORLD PADEL TOUR Official Lighting Supplier since 2015

FEATURES

LED PRO PAD WPT SERIES

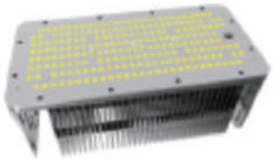



HEAT-DISSIPATE ENGINE

With our rivet technology and ultra-thin fins, the heat-dissipate engine allows to transfers heat from the light source to the heat sink efficiently, lowering the module temperature rapidly, hence extending its lifetime.

THERMAL CONDUCTIVE BOARD

Since the light source and the heat sink are attached one to another, it maximizes dissipation capacity in a quick manner.

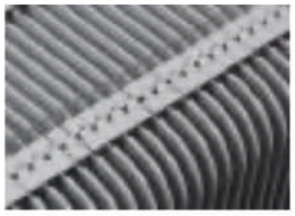


FINS INSERTION

Heat sink fins are inserted allowing to maximize thermal resistance capacity. There is no need for electroplating, with a sustainable and ecological result.

FINS TECHNOLOGY

Heat sink fins are attached and aligned. This structure strengthens fins firmness and maximizes heat sink area with minimum weight.



3D HEAT SINK

The hollow holes are distributed in parallel and opposite in each fin, generating from right to left a convection channel making a three-dimensional heat sink with separation between fins maximizing heat transfer.

SEALED SILICONE RUBBER RING

By using a resistant waterproof ring, the light source is protected from harsh environmental conditions and corrosion.

STAINLESS STEEL PARTS

Stainless Steel screws (304) and accessories support air corrosion, water, acid, alkali, salt and other chemicals, obtaining a favorable long term use under all kinds of conditions.

ADJUSTABLE DEGREE

The installation by locking screws in adjustable points, allows the inclination angle to stay always at the same value and equipment can be installed at the exact same angle.

D.C. SECURE CONNECTION

We use pressure connectors from the prestigious German brand WAGO® for the union of the Direct Current DC drivers output to the modules, resulting in a quick and safe way in case you need to perform any maintenance operation when performed by pressure. These connectors can better bear hot / cold temperature changes, avoiding false contacts that sometimes occur with screw terminals.

The connection of these connectors is carried out in an IP65 waterproof box for adequate sealing. The extra space compared to a round connector produces a correct heat sink avoiding problems due to overheating.

PCB DESIGN

Our PCB design, with different configurations between quantity and specifications of diodes, allows us future updates without modifying the case and replacing the PCB together with the diodes, we can offer the latest market technology in terms of LED diodes.

DIODES

SMD LED in SMD3030 and SMD5050 with light ratios between 130 and 160lm / w.

LENS

Depending on courts characteristics in terms of number of poles, their height and location with respect to the court, we will develop the lens that best suits the need of each court type.

DRIVERS

For each project we analyze and study which driver best adapts to the case, depending on the number of working hours, intensity of use, regulation and / or control needs, providing power equipment with drivers from recognized brands such as Meanwell, Sosen and Tridonic mainly.

PROTECTION

To protect the selected drivers in each project, we provide the driver with extra protection against inclement weather through a metal box.

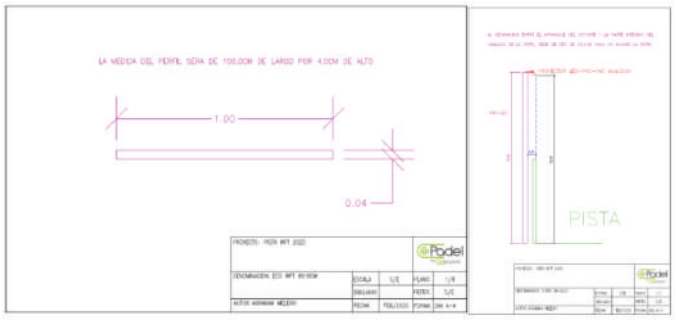
As an alternative against overvoltage problems we can protect the drivers with 10KV or 20KV equipment.

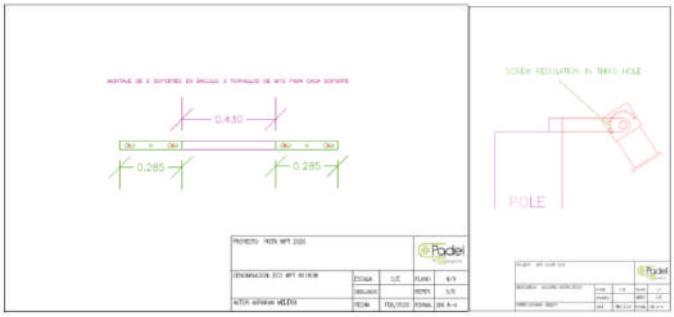
TRACEABILITY

Each Led Light Projector counts with an individual serial number, which allows us to know its exact manufacturing date, associated venue and to check throughout its useful life any incident that may occur in a specific Led Light Projector.

DOCUMENTATION

For the correct court lightning installation, please find attached documentation related to the design of the lightning pole and correct installation of the Led Lights Projectors.





For more information contact with:
Vipadel
www.vipadel.dk
+45 23902300
vipadel@vipadel.dk

vipadel®
Official distributor in Denmark

ledprojects
WORLD PADEL TOUR Official Lighting Supplier since 2015

C/ Galileo Nº 3 Nave B-31 - 28914
Leganés (Madrid) SPAIN