HADES
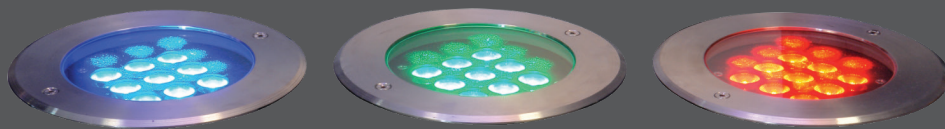
HYL9

Housing: Made from high pressured die-casting aluminium.
LED: High efficient Power LED
Cover: Stainless steel.
Diffuser: Reinforced shatter-proof glass.

IP67

Ø200mm
195mm

HYL12

Housing: Made from high pressured die-casting aluminium.
LED: High efficient Power LED
Cover: Stainless steel.
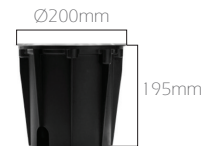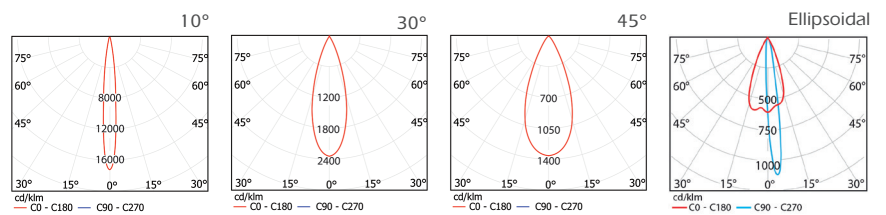Diffuser: Reinforced shatter-proof glass.

IP67

Ø200mm
195mm

Code	Box Dimension	Weight
HYL 9	260x260x250mm	2500gr
HYL 12	260x260x250mm	2600gr

Code	LED	System Luminous Flux (lm)	System Power (W)	Color Temperatures
HYL 9	9pcs Power LED	1.050	12	White-Red-Blue-Green-Amber / RGB
HYL 12	12pcs Power LED	1.410	15	White-Red-Blue-Green-Amber / RGB

The luminous flux values (lm) of the system given in the table illustrate the total luminous flux at 4000K from the luminaire.

HYL18

Housing: Made from high pressured die-casting aluminium.
LED: High efficient Power LED
Cover: Stainless steel.
Diffuser: Reinforced shatter-proof glass.

IP67

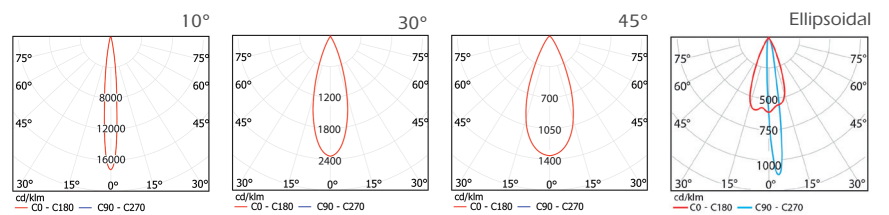Ø240mm

195mm

HYL24

Housing: Made from high pressured die-casting aluminium.
LED: High efficient Power LED
Cover: Stainless steel.
Diffuser: Reinforced shatter-proof glass.

IP67

Ø240mm

195mm

Code	Box Dimension	Weight
HYL 18	320x320x270mm	3200gr
HYL 24	320x320x270mm	3300gr

Code	LED	System Luminous Flux (lm)	System Power (W)	Color Temperatures
HYL 18	22pcs Power LED	2.300	22	White-Red-Blue-Green-Amber / RGB
HYL 24	24pcs Power LED	3.300	28	White-Red-Blue-Green-Amber / RGB

The luminous flux values (lm) of the system given in the table illustrate the total luminous flux at 4000K from the luminaire.

HADES luminaires are available with the option of a DMX-512 digital control input. DMX provides a wide level of flexibility and compatibility and as an industry standard, a vast range of control solutions are available to fit every requirement and application.

DMX Signal   IN   OUT

End of line termination

Wall Panel
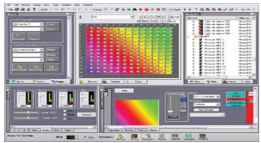
Computer Based Controller

Entertainment Lighting Desk

CONTROLLER
At the hear of every DMX-512 lighting system is a controller that generates a digital serial data signal that commands the lighting fixtures connected. DMX-512 controllers are available in many formats.

WALL PANELS
Ideal for simple systems, which are typically pre-programmed where the user recalls recoded scenes and environments with the touch of a button or the press of a remote control.

COMPUTER BASED
These are ideal for larger system incorporating many luninaires and where scheduling or complex programming is required.

ENTERTAINMENT LIGHTING DESK
Theatres, TV Studios and concerts use powerful DMX lighting desks that use DMX to control vast numers of lighting fixtures.

CABLE
DMX-512 devices are able to receive a digital control signal that connects to multiple luminaires in a single loop-in / loop-out topology using twin screened cable, with a maximum cable distance of 500m under ideal conditions.

TERMINATION
A termination resistor is connected at the end of the line, to eliminate data reflections and ensure a stable DMX signal.

CHANNELS
DMX-512 can carry instructions for individual control of up-to 512 channels of lighting control data or information. A DMX signal of 512 channels is refers to as an DMX universe.

LEVELS
Each DMX channel has 256 (8-bit) dimming levels to control intensity for example.

ADDRESSING
Luminaries are typically uniquely addressed allowing for them controlled individually, however In some applications multiple fixtures can be set to the same address resulting in a group of luminaries that respond identically in a group.

FOOTPRINT
Depending on the type a luminaire may use multiple DMX channels, for example a colour mixing fixture may have a 3 channel DMX footprint, i,e, RED + GREEN + BLUE

BUFFERS / SPLITTERS
For large applications where the DMX signal must be distributed over large areas DMX signal buffers (amplifiers) and splitters can be used. Using a buffer allows for multiple "runs" of the same DMX data

WIRELESS DMX
DMX-512 can be transmitted wirelessly using special radio DMX links, these solutions are idea for crossing open spaces and linking buildings where running cables would be difficult.
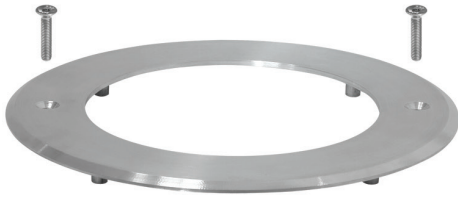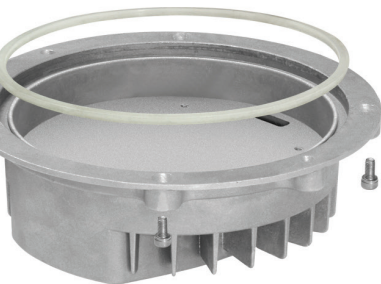
Cover Screws: Made from stainless steel.

Outer Frame: Made from 4 mm thick stainless steel.

Slicon Gasket: Provides full impermeability between the glass and steel outer frames. The silicon material utilised does not harden over time.
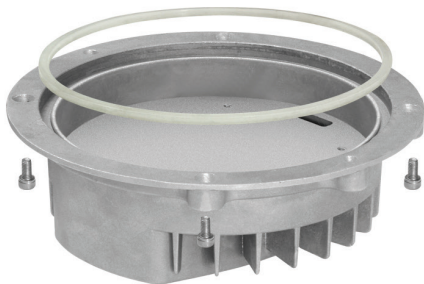
Front Glass: Extra reinforced tempered glass is used to withstand loads of up-to 2,500 kilograms.

Lens Plate: Prevents the lenses from becoming loose due to vibration. Additionally It masks the PCB to provide a clean and neat appearance.

Lenses: The desired light distribution is achieved by means of high quality lenses which are available in many beam angles.

Silicon gasket: Ensures that the HADES achieves it's designed IP67 protection class by providing a secure seal between the flat glass surface and cast aluminum housing. The silicon material utilised does not harden over time.

Fixture housing: Made from high pressured cast, corrosion-resistant aluminium. The incorporated heat sinking fins enabled heat to be transferred efficiently to the outer environment.

Driver housing: Holds the LED driver and is secured to the main housing with steel screws on four points. It provides watertight seal thanks to the silicon joint fitted within a grove where the cover mates with the main housing.

Mounting Pot: Made from corrosion-resistant, high quality plastic material. It provides simplicity for the fixture installation by protecting the housing from external factors.

LİTPA

LİTPA LIGHTING

Haraççı - Hadimköy Yolu
Cad. NO:15 Haraççı Mah.
Arnavutköy - Istanbul / TURKEY

Tel: +90 212 683 09 87
Fax: +90 212 683 09 92

www.litpa.com