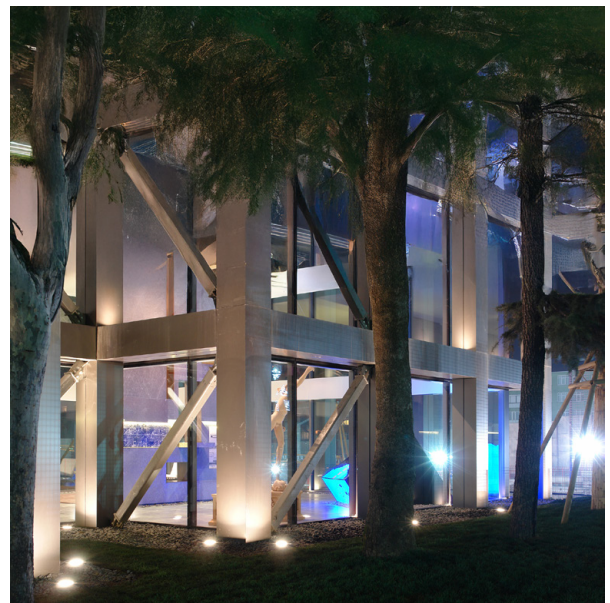




HADES

In-Ground Luminaires

The HADES ground recessed fixture series is engineered for high-performance lighting in both interior and exterior environments, offering optimal illumination for architectural elements such as facades, walls, columns, and landscaping features like trees. Designed with robust construction and advanced thermal management, these luminaires incorporate high-efficiency LEDs to ensure extended lifespan and minimal heat generation. The fixtures feature impact-resistant, reinforced glass covers, delivering excellent mechanical strength and durability against external forces. Customizable in a wide range of correlated color temperatures (CCT) and available in multiple light color options, the HADES series offers application-specific flexibility. When integrated with DMX control systems and configured in RGB mode, the luminaires provide dynamic color-changing capabilities, enabling rich visual effects and programmable lighting scenarios. This makes the HADES series an ideal choice for architectural, landscape, and feature lighting where reliability, performance, and aesthetic versatility are essential.





HYL



Code	Beam Angle	Luminous Flux	System Power	Weight
HYL 24	10°	2.950 lm	28W	3.3 kg
HYL 24	30°	3.300 lm	28W	3.3 kg
HYL 24	45°	3.535 lm	28W	3.3 kg
HYL 24	Ellipsoidal	3.395 lm	28W	3.3 kg
HYL 18	10°	2.055 lm	22W	3.2 kg
HYL 18	30°	2.300 lm	22W	3.2 kg
HYL 18	45°	2.465 lm	22W	3.2 kg
HYL 18	Ellipsoidal	2.365 lm	22W	3.2 kg

Body: Aluminum Injection

Lens: PMMA

Color Temperature: 3000-4000-5000-6500K-RGB-R-G-B-Amber

Front Frame: Stainless steel

Voltage: 220~240VAC

Front Glass: 8 mm thick durable tempered glass

Driver: Included

Led: High-Power Led



DMX Controller



BOX DIMENSIONS

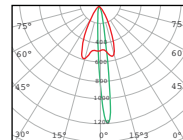
HYL 18-24: 32x32x27cm



BOX WEIGHT

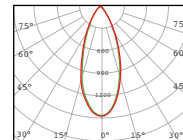
HYL 18-24: 3.8 kg

ELLIPSOIDAL



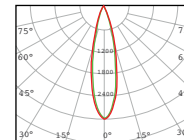
cd/klm
— C0 - C180 — C90 - C270

45°



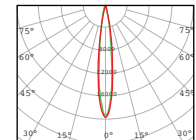
cd/klm
— C0 - C180 — C90 - C270

30°



cd/klm
— C0 - C180 — C90 - C270

10°



cd/klm
— C0 - C180 — C90 - C270



HYL



Code	Beam Angle	Luminous Flux	System Power	Weight
HYL 12	10°	1.260 lm	15W	2.6 kg
HYL 12	30°	1.410 lm	15W	2.6 kg
HYL 12	45°	1.510 lm	15W	2.6 kg
HYL 12	Ellipsoidal	1.450 lm	15W	2.6 kg
HYL 9	10°	940 lm	12W	2.5 kg
HYL 9	30°	1.050 lm	12W	2.5 kg
HYL 9	45°	1.125 lm	12W	2.5 kg
HYL 9	Ellipsoidal	1.080 lm	12W	2.5 kg

Body: Aluminum Injection

Lens: PMMA

Color Temperature: 3000-4000-5000-6500K-RGB-R-G-B-Amber

Front Frame: Stainless steel

Voltage: 220~240VAC

Front Glass: 8 mm thick durable tempered glass

Driver: Included

Led: High-Power Led



DMX Controller



BOX DIMENSIONS

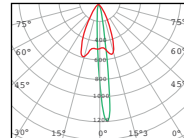
HYL 9-12 26x26x25cm



BOX WEIGHT

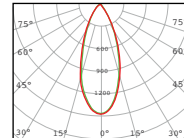
HYL 9-12 2.6 kg

ELLIPSOIDAL



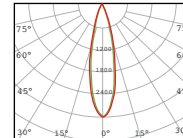
cd/klm
— C0 - C180 — C90 - C270

45°



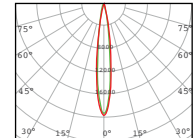
cd/klm
— C0 - C180 — C90 - C270

30°



cd/klm
— C0 - C180 — C90 - C270

10°



cd/klm
— C0 - C180 — C90 - C270

SPECIFICATIONS

HADES

GENERAL

Color Temperature :	3000K-4000K-5000K- 6500K-RGB-R-G-B- Amber
Transformer :	Driver
Number of Drivers :	1 Piece
Interface Control :	Optional DMX
Connection :	IP 67 Connector (optional)
Protection Class IEC :	I Class
Light Source Type :	LED
Other Certificate :	-
CE Mark :	CE
Eu RoHS compliance :	Yes

APPLICATION CONDITIONS

Ambient Temperature Range :	-40 to +55 °C
Performance Ambient Temperature :	Tq 25 °C
Maximum Dimming Level :	10% (Optional)

WORKING CHARACTERISTICS HYL9

Input Voltage :	220~240VAC
Input Frequency :	50 to 60 Hz
Inrush Current :	Cold start 70A
Leakage Current :	0.25 mA
Current Ripple :	< %5
Efficiency :	> %83
Control and Dimming :	Optional

HYL18

Input Voltage :	220~240VAC
Input Frequency :	50 to 60 Hz
Inrush Current :	Cold start 55A
Leakage Current :	0.25 mA
Current Ripple :	< %5
Efficiency :	> %85
Control and Dimming :	Optional

APPROVAL AND APPLICATION

Protection Class :	IP67
Mechanical strength code :	IK09
Surge arrester (common/differential) :	6kV / 4kV

MATERIAL INFORMATION

Body Material :	Al-E141
Mounting Material :	PMMA
Optical Material :	PMMA
Optical Cover/Lens Material :	8 mm tempered glass
Material Colour :	Gray

TIME DEPENDENT PERFORMANCE (IIEC COMPLIANT)

Lumen maintenance in average lifetime :	50.000hr
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HYL12

Input Voltage :	220~240VAC
Input Frequency :	50 to 60 Hz
Inrush Current :	Cold start 70A
Leakage Current :	0.25 mA
Current Ripple :	< %5
Efficiency :	> %83
Control and Dimming :	Optional

HYL24

Input Voltage :	220~240VAC
Input Frequency :	50 to 60 Hz
Inrush Current :	Cold start 55A
Leakage Current :	0.25 mA
Current Ripple :	< %5
Efficiency :	> %85
Control and Dimming :	Optional