OUTDOOR LED LIGHTING

EYELITE

SHOSHA/FL

EY366

LED FLOOD LIGHT
LED STADIUM LIGHT

CB CE

LIGHT WEIGHT AT ≈ 20kg

OPTIONAL LIGHT CONTROL

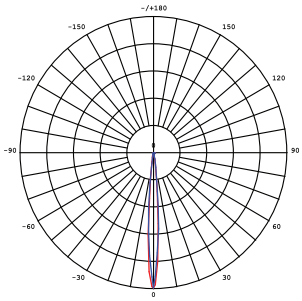
Anti glare shield

Light Shield

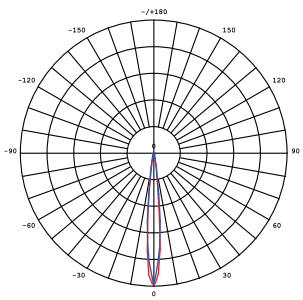
- **With anti-glare shield and light shield can prevent unwanted light which causing discomfort, distraction, or a reduction invisibility. (special order with extra charge upon request)**

PHOTOMETRIC DATA/ BEAM ANGLE

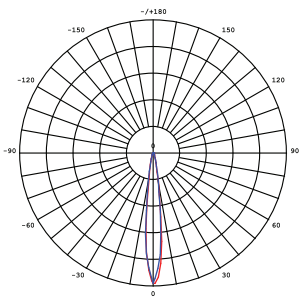
Other optics available upon request



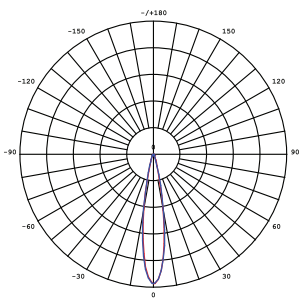
11°



13°



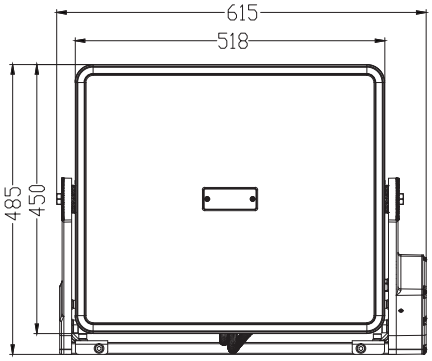
17°



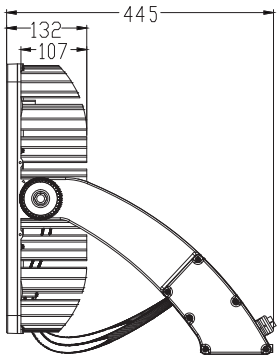
24°

DIMENSION

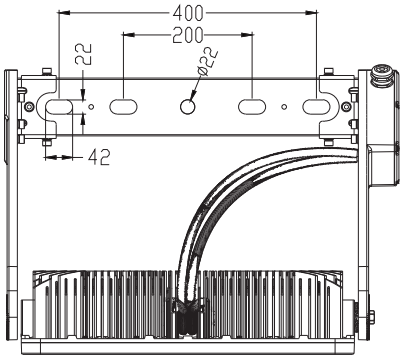
ALL DIMENSION IN mm



Front View



Side View



Rear View

Note : For detail dimension please refer to the installation manual.

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ORDERING CODE

(Fixture Configuration) (Driver Type)

EYELITE-SHOSHA/FL-EY366-1500W-[H][0]

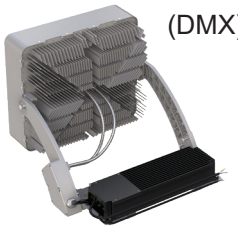
- Driver Box Mounting Type - **0: Built-in , 1: External , 2: Gearplate**
- Driver Type - **Blank , H , D , DD**
- Wattage Range - **1200W** , **1300W** , **1500W**
- Model Name For Flood Light
- Brand

Code	Function	Input Voltage	Dimension (mm)
Blank*	0 - 10V	100 - 240 Vac	629 x 80 x 118
H	0 - 10V High Input Voltage	277 - 415 Vac	629 x 80 x 118
D	DMX	220 - 400 Vac	500 x 81 x 150
DD	DMX + D4i (DALI)	220 - 415 Vac	500 x 120 x 141

Note : Customer to specify color temperature (CCT), CRI (RA), Beam Angle, on top of the above ordering code upon purchase order.

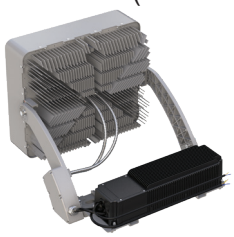
DRIVER TYPE

(DMX)



Driver Type - D

(DMX+D4i)



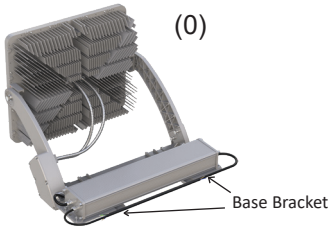
Driver Type - DD

(0-10V)*
OR
(0-10V-H)

Driver Type - Blank*/ H

DRIVER BOX MOUNTING TYPE

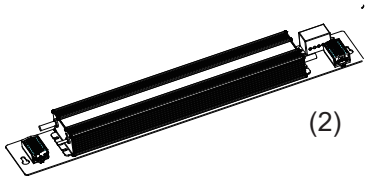
(0)



Built-in (with bracket)

(1)

External (no bracket)*



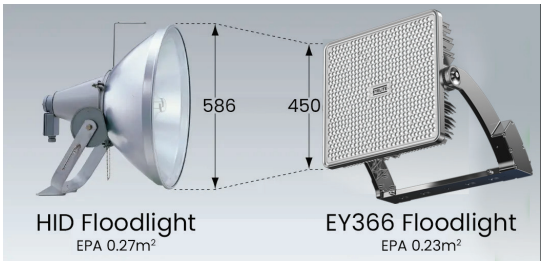
(2)

Gear Plate (mounted at cabinet/ indoor)

Note * : Standard Model.

PRODUCT FEATURES

- **Light weight LED fixture for easy installation & cost saving on mast / pole.**
- **Cold Forging Aluminum with excellent heat dissipation design.**
- **The IP66 rated sealed fixture protect it against water and dust in harsh outdoor environtment.**
- **Superior light intensity with multi beam angle selection for sport lighting application.**
- **Best choice for direct retrofitting of up to 2000W Metal Halide Flood Light.**



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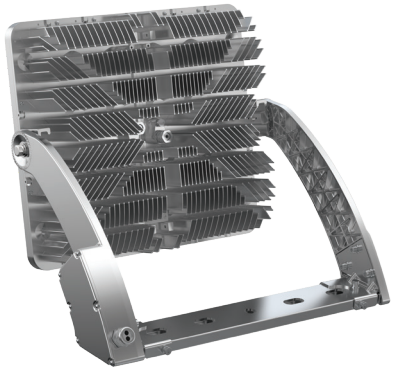
PRODUCT PICTURE

without driver box

Front View

Side View



Rear View

TECHNICAL DATA

CB CE IP66 IK10

MODEL NO.	EY366-1200W-□□	EY366-1300W-□□	EY366-1500W-□□
Power Consumption ±5% (W)*2	1200W	1300W	1500W
Luminaire Flux ±5% (lm)*1	180,000	195,000	225,000
System Efficacy ±5% (lm/W)*1	150	150	150
Power Factor (PF)	>0.96	>0.96	>0.96
HID Equivalent	2000W	2000W	2000W
Net Weight (kg)*3	Lantern : 20.6 ± 0.5kg	LED Driver : 6.8 ± 0.3kg	
Gross Weight (kg)*3	Lantern + LED Driver : 27.4 ± 1kg		
Product Dimension, L x W x H (mm)*3	Lantern : 615 x 485 x 445	LED Driver : 629 x 80 x 118	
Carton Dimension, L x W x H (mm)	Lantern + LED Driver : 750 x 680 x 215		
CBM (m^3)	0.23		

Note 1 : The above specified lumen and system efficiency based on standard CCT: 5700K & 17° beam, CRI 70.
Note 2 : 1000W, 1100W, & 1400W available upon request.
Note 3 : Above data based on standard 0-10V Driver Type.

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PRODUCT SUMMARY

ELECTRICAL SYSTEM

- **Power Consumption** : 1200W, 1300W, 1500W (Others wattage upon request)
- **Input Voltage*** : 100 - 240Vac (50/60Hz) (Based on 0-10V Driver Type)
- **Power Factor** : 0.96
- **Insulation Class** : Class I
- **LED Driver Type** : **0-10V** (Standard) **0-10V-H** (High Voltage) **DMX-D** **DMX-DD (DALI D4I)**
- **Surge Protection Devices** : Imax 25kA (40kV)

FIXTURE HOUSING

- **Housing Material** : Cold Forging Pure Aluminum AL1070
- **Housing Finish** : 1000h Salt Fog Grade Powder Coating - RAL9006
- **Ingress Protection (IP)** : IP66 water & dust proof
- **Impact Resistance (IK)** : IK10 (20 Joules of Impact)
- **Driver Box** : Remote External or Bracket Built-in
- **Net Weight (kg) (Complete Luminaie) Fixture + Gearbox** :
  - Driver Type **H** : 20.6 ± 0.5 (Fixture) 6.8 ± 0.3 (Driver)
  - Driver Type **D** : 20.6 ± 0.5 (Fixture) 7.6 ± 0.3 (Driver)
  - Driver Type **DD** : 20.6 ± 0.5 (Fixture) 7.0 ± 0.3 (Driver)

STANDARDS & CERTIFICATION TEST

- **Type Test Certified CB-IEC (Luminaire)** : IEC 60598-1, IEC 60598-2-1 IEC 60598-2-5, IEC/TR 62778 IEC 62031, IEC 62493
- **EMC Certified (LED Driver)** : IEC 61000-3-2, IEC 61000-3-3 IEC 55015, EN 61547, EN 62493
- **LED Compliances Test** : IESNA LM-80, TM-21
- **Ingress Protection Test** : IEC 60598 **(IP66)**
- **Impact Resistance Test** : IEC 62262 **(IK10)**
- **Vibration Test** : IEC 60068-2-6 **(5G vibration test)**
- **Photobiological Safety** : IEC 62471

LIGHT SOURCE / OPTIC SPECIFICATION

- **LED Type 1** : **SAMSUNG SMD 3535** (13˚, 17˚,24˚)
- **LED Type 2** : **OSRAM SMD 3030** (11˚)
- **Color Temperature (CCT)** : Standard 5700K (Others available upon request)
- **Color Rendering Index (CRI)** : Ra > 70 (Ra > 80, 90, TLCI90 upon request)
- **Life Time Residual Flux** : (L80), >50,000 hours @ Ta = 50°C (L70), >100,000 hours @ Ta = 25°C
- **Optical System** : 11°, 13°, 17°, 24° Beam Angle Japanese UV stabilized PC Lens Cover
- **Working Temperature** : Ta : -30˚C to +50˚C

APPLICATION

- Sport Lighting
- Highmast
- Façade Lighting
- Airport Apron
- Port Lighting
- Car Parks
- Toll Plaza
- Highway Interchange
- Quay Crane

OPTIONAL FEATURE/ ACCESSORIES

- DMX / DALI Control
- Smart Lighting Controller
- Customizable Wattage upon request
- Anti Glare Shield
- Light Shield (light cut off)

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