



SPORTS LIGHTING POLES



STURDY SUPPORT FOR
ATHLETIC FIELD ILLUMINATION



Tunnel



Industry



Architecture



Sport



Airport



SKY SERIES

Our latest flood light, SKY Series With the latest design, the front frame of the lamp is glass and there is no trace of any screw.

Its super performance can be maximum up to 400W, which can cover most application area.

The product adopts the highest quality standards to achieve best performance and lifespan. It can installed from 8M up to 30M and pass the 3G vibration testing.

With its special design of Optics, we can achieve very good performance for stadium, high mast, railway station.

Key Advantage:

- ◇ Symmetrical and asymmetrical optics for highway, seaport, airport, train station, stadium
- ◇ Excellent heat dissipation management make sure long lifespan
- ◇ LED modular engine and easy for replacement and maintenance
- ◇ Weight control and make sure it is safe and pass 3G vibration
- ◇ IP66 and IK09
- ◇ DMX control available

Application:

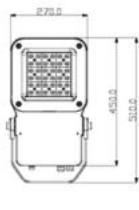
- ◇ Residential areas
- ◇ Road and street lighting
- ◇ High way, Airport, Parking place
- ◇ Pathway & Pedestrains
- ◇ Smart city option



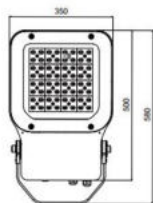
Flicker free
Combined with its patented high performance optic, Olympic now meets all the requirements for high definition sports television broadcasting, security and safety "Flicker Free System"



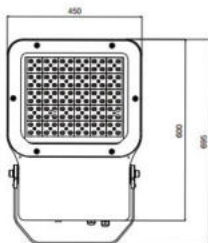
Product Dimension



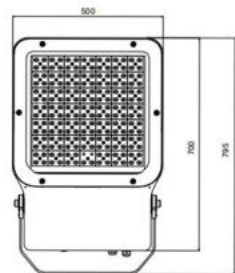
SKY XS
TL-HYTG-600XS



SKY S
TL-HYTG-600S



SKY M
TL-HYTG-600M



SKY L
TL-HYTG-600L







Infraestructure & Area Lighting

LED Boos lighting fittings have proven the best alternative and solution in public and private projects.

Long-lasting components, compact bodies and perfectly engineered optical systems and full luminaire precise sizing design enables all floodlight's parts and components working efficiently and under the most convenient temperature conditions, securing the most reliable lighting package over floodlight's lifetime and beyond, maximizing its performance and granting colour stability.

LightAdapt maximizes fitting's performance, secures ULOR = 0% (when floodlights are placed at 0 provides lighting sector's leading position in glare control and visual comfort, producing maximum light (lumens) per watt, directing the light exactly and precisely where it is needed.

Symmetric and asymmetric optics, counter-beam lighting distributions and specials optics for special purposes (such as wide roundabouts) and the advantage of combining different purpose lenses into one single, compact and light-weight body, secures that our floodlights can be used for the everyday increasing number of infrastructure new and retrofitting projects.

Superior Optical performance maximizes lifetime and energy savings and helps grant the best Return of Investment to any public or private developer project.

APPLICATIONS

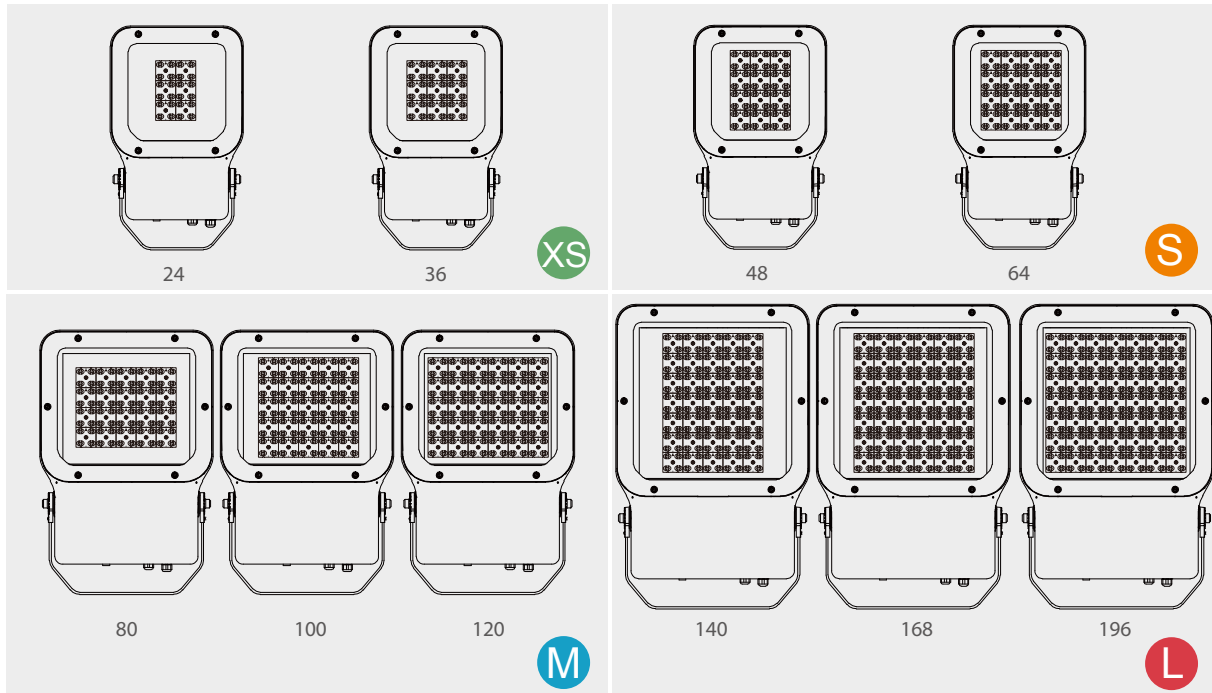
- Highways and junction roads
- Roundabouts
- Airport, aprons, port terminals, loading and unloading bays & container terminals
- Bus, train, metro and any transportation lines and stations
- Parking areas
- Big areas lighting



The possibilities for application are highly diverse buildings, facades and advertising hoardings as well as utilisation planes and parking lots are illuminated in the right light. The robust, screwless housing of diecast aluminium, UV-resistant polyester coating, safety glass cover and special sealing system (sealed for life/IP 66) easily withstand temperature fluctuations, variable humidity and tough ambient conditions. The lighting technology generates asymmetric light distribution on the utilisation plane with an illuminated surface up to 5 times larger.



LED Adapt SKY SERIES



MODEL	LED QTY	WATTAGE			CRI	POWER FACTOR	WARRANTY
		24V/350mA	24V/530mA	24V/700mA			
XS	24	26	38	53	>70&>80	>0.95cos	5 years
	36	40	58	79	>70&>80	>0.95cos	5 years
S	48	53	77	106	>70&>80	>0.95cos	5 years
	64	70	102	141	>70&>80	>0.95cos	5 years
M	80	88	128	176	>70&>80	>0.95cos	5 years
	100	110	160	220	>70&>80	>0.95cos	5 years
	120	132	192	264	>70&>80	>0.95cos	5 years
L	140	154	224	308	>70&>80	>0.95cos	5 years
	168	185	269	370	>70&>80	>0.95cos	5 years
	196	216	314	431	>70&>80	>0.95cos	5 years



LUXEON 5050

High efficacy and lumens in a multi-die, high power package, enabling low system costs



Cree® XLamp® XP-G3 LEDs

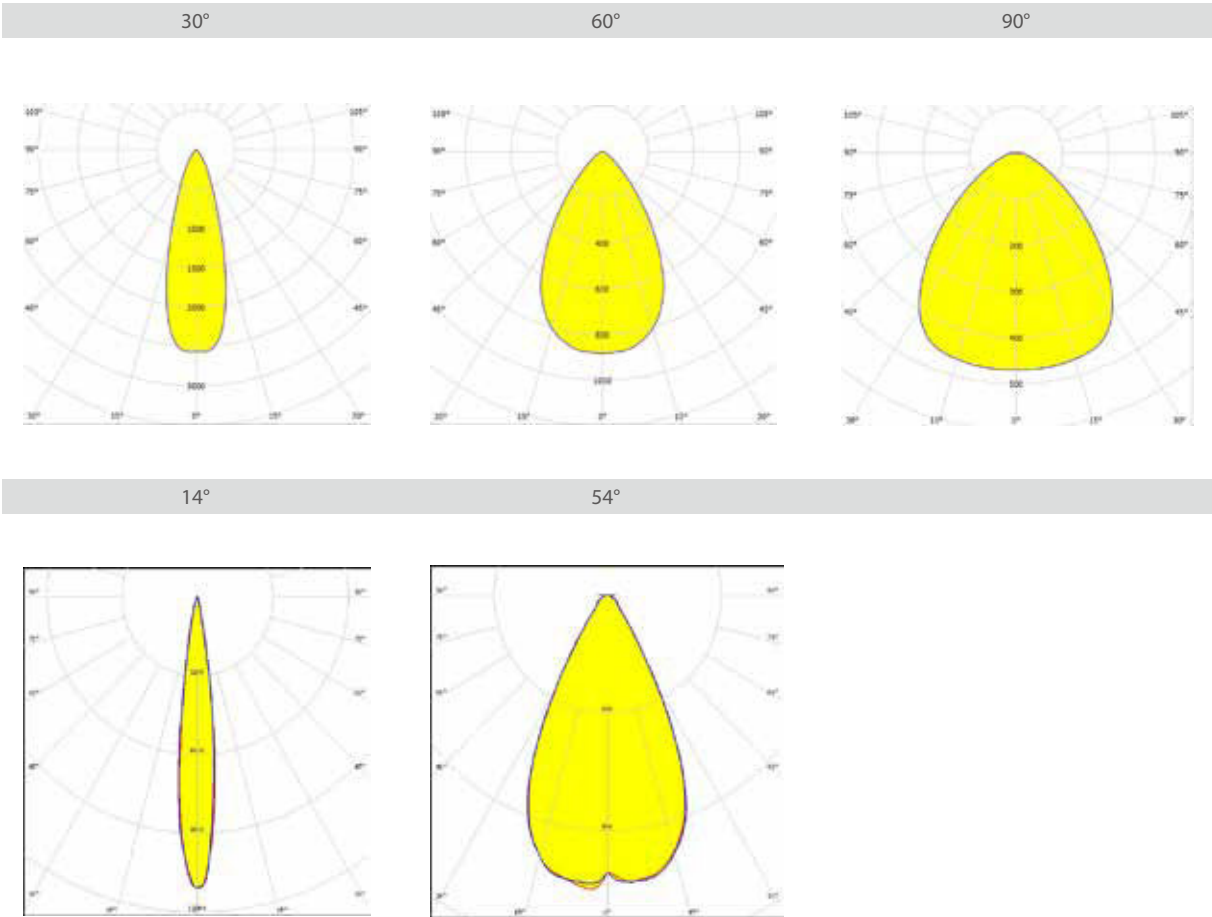
The XLamp® XP-G3 LED delivers unprecedented levels of light output and efficacy for a single die LED.



Optics Available



Series 2X2





Product features



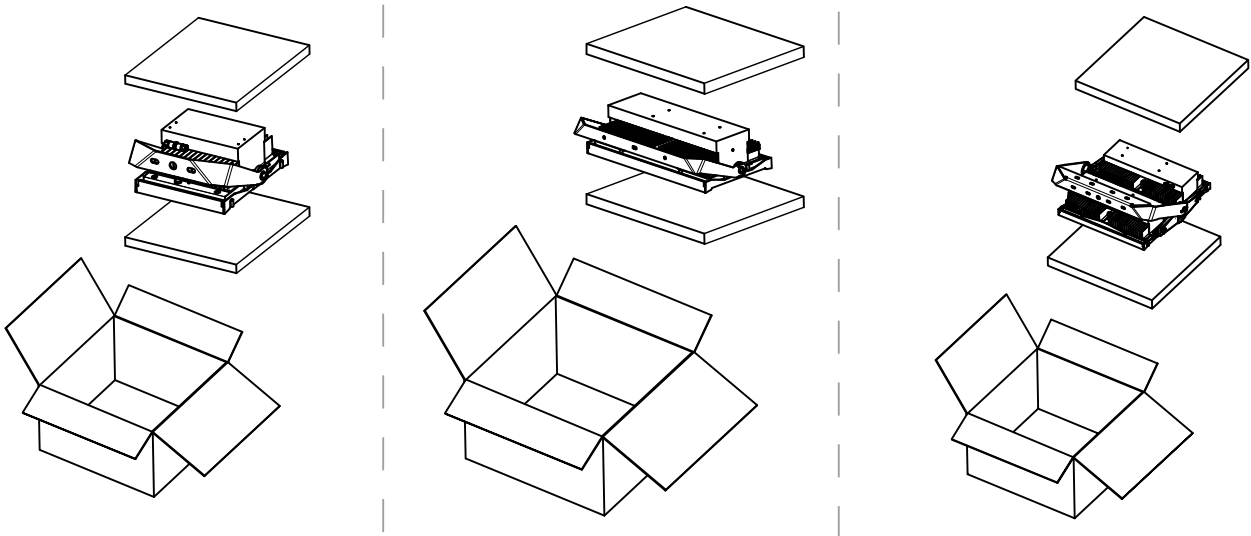
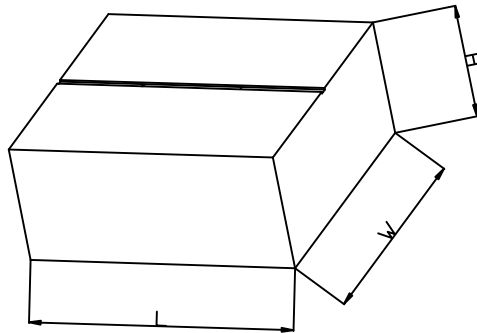
PARAMETER

TECHNICAL DATA

Type	SKY SERIES
Body Material	die casting body+Ectrusion Radiator
Light source	SMD LED Module
Color temperature	4000 K as standard. Optional 2700K, 3000K & 5000K & 5700K. Amber LED available
Color stability	3 or 5 MacAdam steps for all standard LED colors
Color Rendering Index	>70 or >80 (neutral white and cool white)
Luminous Flux (led flux @ Ta=25C outdoor)	from 3380 to 66805 lm
Power	from 26W up to 431W
Luminaire efficiency	130-155 lm/W
Constant lumen output (CLO)	as requirement
Optics Material	PC
Optical Cover	Tempered Glass (5mm)
Control inputs	0-10V
Electrical class	class I
Color	RAL7024 as standard (RAL or AKZO Future colors available)
IP rating	IP66
IK rating	IK09 (according to IEC - EN 62262)
Operating temperature range	-40°C < Ta ≤ 50°C
Driver thermal protection	yes
Surge protection	4kV (10kV available as an option)
Options	mini Photocell and NEMA socket, including cable
Certifications	CE CB (in certification)
Material	ADC12 / Extrusion aluminum

Symmetry





Model	Carton Size (mm) L*W*H	QTY / Carton	N.W.(kg)	G.W.(kg)	QTY for Container 20FT	QTY for Container 40HQ
SKY-600S	415*370*305	1	9.45	10.45	580	1430
SKY-600M	663*412*305	1	18.70	20.2	324	804
SKY-600L	790*755*360	1	40.75	42.75	125	312

VERSION

RECOMMENDED MOUNTING HEIGHT (METERS)

SKY 600 S	8-12M
SKY 600 M	12-16M
SKY 600 L	16-20M







Surge Protection device

Maximum Discharge Current (Imax) 10kA, 8/20μs

- Meets ANSI C136.2 Enhanced Level 10kV/5kA, IEEE C62.41.2 Location Category C Low Exposure and US Dept. of Energy MSSLC Model Spec.
- Thermally Protected Varistor technology
- Parallel and Series Connected SPD Options
- IP66 Water-proof and Dust-proof



Connector

10m cable with IP66 rated connector offers easy installation of the street luminaires.

3 wire cable connector



Pre-installed cable sets

Pre-installed cables sets in the luminaire

Diameter of the cable:

- 3 x 1,5 mm - 0,5 m length
- 3 x 1,5 mm - 5 m length
- 3 x 1,5 mm - 6 m length
- 3 x 1,5 mm - 8 m length
- 3 x 1,5 mm - 10 m length
- 3 x 1,5 mm - 12 m length
- 3 x 1,5 mm - 18 m length



Pre-installed cable sets

Pre-installed cables sets in the luminaire

Diameter of the cable:

- 5 x 1,5 mm - 0,5 m length
- 5 x 1,5 mm - 5 m length
- 5 x 1,5 mm - 6 m length
- 5 x 1,5 mm - 8 m length
- 5 x 1,5 mm - 10 m length
- 5 x 1,5 mm - 12 m length
- 5 x 1,5 mm - 18 m length



Telescope

When installing lamps and lanterns, the projection position of the light is precisely controlled by the aiming sight, and the safety rope is installed after the angle adjustment, which can prevent the lamps and lanterns from falling unexpectedly.





T-Luce Italia srl
Viale Giacomo Matteotti 15, Firenze 50121, Italy

info@t-luce.com
+39 3281425503