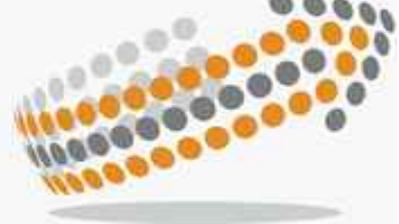


lux velocitas

lighting to the point





LUXHYT-LED25 SERIES

LUX's distinctive appearance is conceived to distinguish itself from competitors and proves that innovative range of street lighting luminaires can be aesthetically attractive.

Specially engineered model that bridges latest LED technology of high efficiency with cutting-edge modern mechanical design to provide economy street lighting solutions. LUX serves as an unbeatable option to upgrade any urban and road.

LUX has been engineered to satisfy every installer's requirement. Due to its service life, easy installation and maintenance.

Key Advantage:

- ◇ Elegant & modern design
- ◇ Symmetrical light and a symmetrical light choice
- ◇ Available in multiple lumen choice
- ◇ Different installation ways for different poles
- ◇ Dark friendly, no up light
- ◇ Less glare design, more conformable

Application:

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



Product features

PARAMETER

TECHNICAL DATA

Type	LUXHYT SERIES
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 2790 to 25920 lm
Power	from 20W up to 90W
Luminaire efficiency	110-135 lm/W
Constant lumen output (CLO)	as requirement
Optics Material	PC / PMMA
Optical Cover	Tempered Glass (5mm)
ULOR (%)	0% for flat glass versions
Spigot diameter	60 mm
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	$-40^{\circ}\text{C} < T_a \leq 50^{\circ}\text{C}$
Driver thermal protection	yes
Surge protection	4kV (10kV available as an option)
Options	mini Photocell and NEMA socket, including cable
Certifications	CE CB ENEC
Material	ADC12 / Lower copper contents

Electrical connection CLASS I,
too less operation.

Flat toughened glass to
prevent upward light.Fixed to
the frame with metal clips for
easy replaceability.Very high
light transmission to optimise
the Light Output Ratio.

Gasket IP66 for
complete luminaire.

Housing is made of very
corrosion resistant die-cast
aluminum.Painting after
chemical washing treatment.

Spigot made of die-cast
aluminium,standard in same
color as body.Universal post
top/side entry spigot for
 $\phi 60\text{mm}$.

Gear with Philips XITANIUM
driver,optional programmable,
1-10V or DALI.SPD and EMI
as per request.

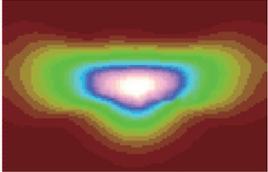
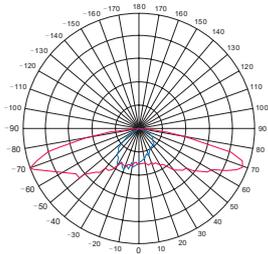


Dark Grey Metal Grey Matt Black Matt White

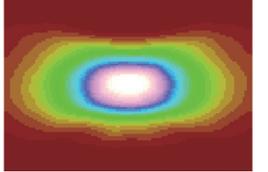
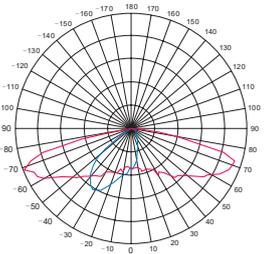
Optics Available

Street series 2X3

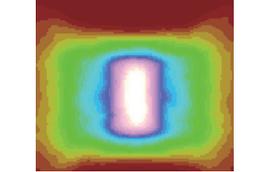
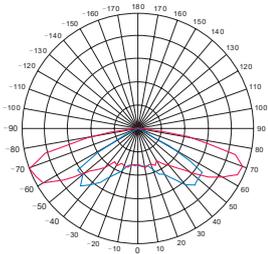
TYPE 1-M TYPE 2-M A TYPE 2-M B



Potential application areas: footpaths, cycle paths, illuminated jogging trails

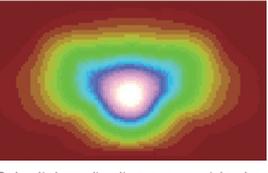
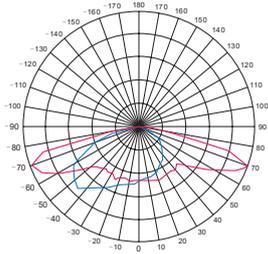


Potential application areas: streets, car parks, high way, fast road

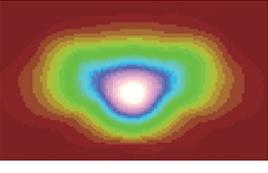
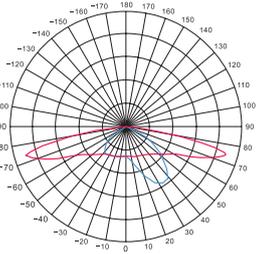


Potential application areas: streets, car parks, Luminous intensity G6

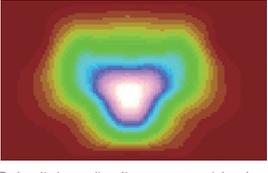
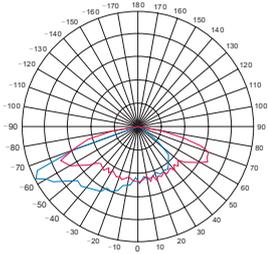
TYPE 3-M TYPE 3-L TYPE 4-S



Potential application areas: wide streets, car parks, high way

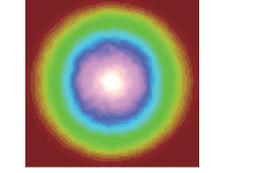
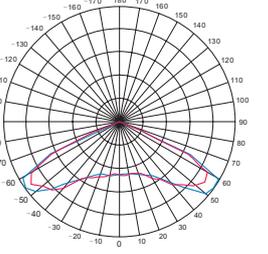


Potential application areas: wide streets, car parks, high way, fast roads



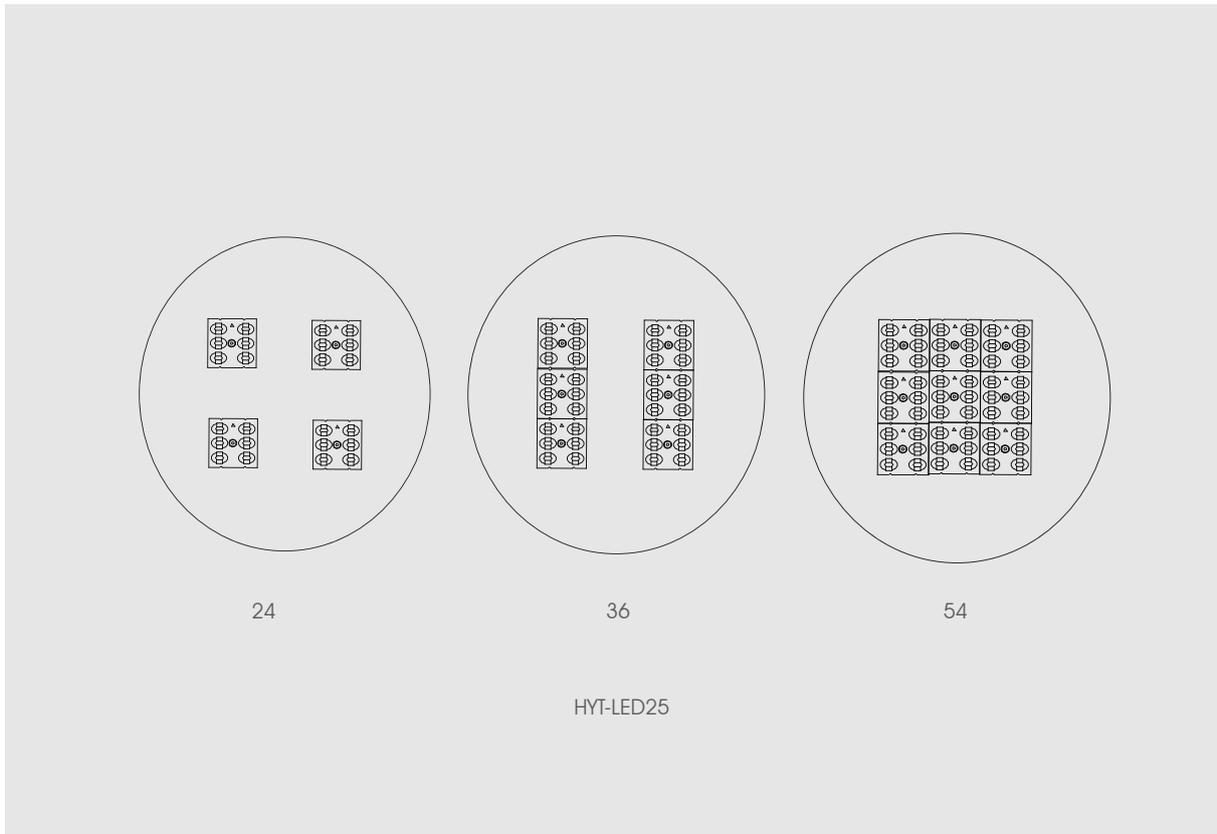
Potential application areas: wide streets, car parks, high way, fast roads

TYPE 5-S



Potential application areas: car parks, airport

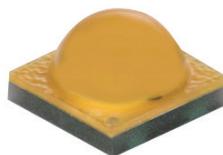




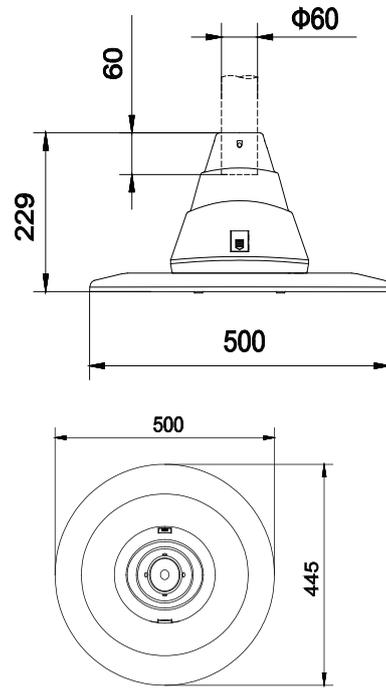
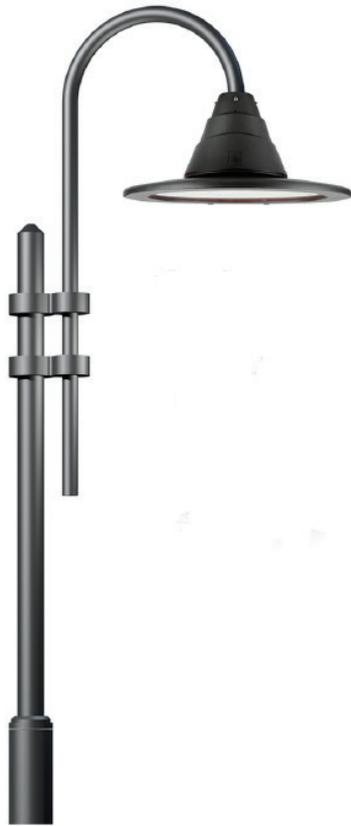
LEDS	POWER (W) MIN/MAX	Cree XT-E		L90B10 at 25°C IESNA TM-21-11	L70 at 25°C IESNA TM-21-11
		MIN(lm)	MAX(lm)		
24	20-40	2700	4800	> 100000hrs	> 100000hrs
36	30-60	4050	7200	> 100000hrs	> 100000hrs
54	50-90	6750	10800	> 100000hrs	> 100000hrs

Cree® XLamp® XT-E LEDs

Optimized for directional, high-lumen applications, from indoor and outdoor to portable and lamp retrofits



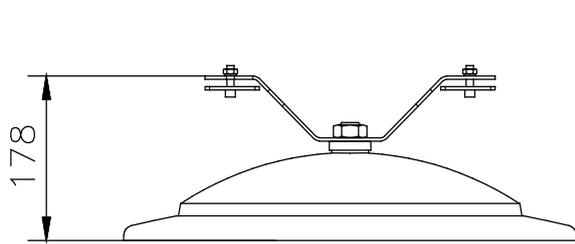
Dimension



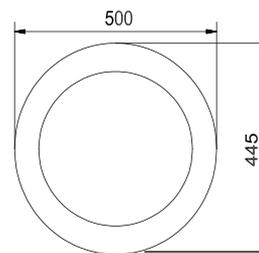
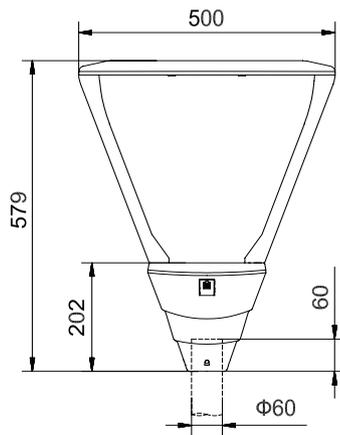
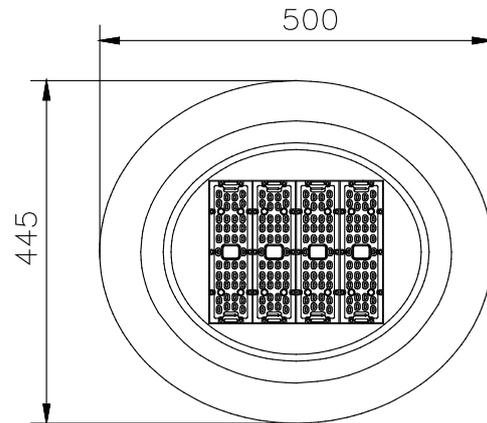
LUXHYT-LED25A



Other Options



LUXHYT-LED25H



LUXHYT-LED25



Other Options



LUXHYT-LED25C



LUXHYT-LED25N



Surge Protection device

Surge Protection device offers protection against lightning surges;

Voltage Protection level up (L-N) $\leq 1,5$ kV

Voltage Protection level up (L/N-PE) $\leq 2,0$ kV

Uoc = 10 kV

I max = 10 kA

I nom = 5 kA



Surge Protection device

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

- 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



Shorting Cap

Standard: ANSI C136.10-1996



Photocell

Standard: ANSIC136.10-2010



Nema Socket

Standard: ANSI C136.10



Zhaga Connector

- Contacts rating: 1.5A, 30V (24V typical)
- Meets 10kV dielectric withstand voltage to mounting surface
- 4 pole contacts
- Pin 1: 24Vdc
- Pin 2: DALI (or DALI based protocol) -/ common ground
- Pin 3: DALI (or DALI based protocol) +
- Pin 4: General I/O



Console adapter

Spigot size 60 - 76 mm



Wall mounting bracket

Spigot size 40 - 60 mm



Wall mounting bracket

Vertical



Microwave Motion Sensor

Detailed Product Description

Operating Voltage: 120-277Vac, 50/60Hz

HF System: 5.8GHz \pm 75MHz, ISM Wave Band

IP Rating: IP65

Rated Load:

120Vac 4A Electronic/magnetic Ballast

277Vac 3A Electronic/magnetic Ballast

Operation Temperature: -25°C ~ 55°C

Function: 2 Step / 3 Step Dimming / On Off Function

Mounting Height: 6-15m

Cover Color: Blank Or White

Hold Time: 5s / 30s / 1min / 3min / 5min / 10min /

20min / 30min



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 lenght

3 x 1,5 mm - 5 m lenght

3 x 1,5 mm - 6 m lenght

3 x 1,5 mm - 8 m lenght

3 x 1,5 mm - 10 m lenght

3 x 1,5 mm - 12 m lenght

3 x 1,5 mm - 18 m lenght



Pre-installed cable sets

Pre-installed cables sets in the luminaire

Diameter of the cable:

5 x 1,5 mm - 0,5 m lenght

5 x 1,5 mm - 5 m lenght

5 x 1,5 mm - 6 m lenght

5 x 1,5 mm - 8 m lenght

5 x 1,5 mm - 10 m lenght

5 x 1,5 mm - 12 m lenght

5 x 1,5 mm - 18 m lenght