TAURUS YT-LED27A SERIES

TAURUS's distinctive aesthetics is conceived to satisfy any architecture firm and environmental planner.Which is Elegant, pure, clear and timeless that redefines and modernizes the shapes and edges of the city centre and historical districts street lighting.

Super-quality materials used in the TAURUS and faultless manufacturing excellence delivers exceptional and reliable performance with minimal maintenance for many years.

Perfectly engineered optical systems and full luminaire precise sizing design, enabling all parts and components in TAURUS working efficiently, securing the most reliable package over lifetime and beyond, maximizing its performance and granting colour stability.

Key Advantage：

◇ Elegant & modern design

◇ Symmertrical light and asymmetrical light choice

◇ Available in multiple lumen choice

◇ Different installation ways for different poles

◇ Dark friendly,no up light

◇ Less glare design,more comfortable

Application：

◇ Residential areas

◇ Road and street lighting

◇ High way, Airport, Parking place

◇ Pathway & Pedestrains

◇ Smart city option

Product features

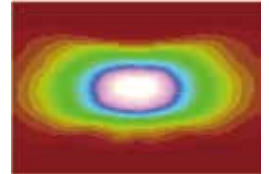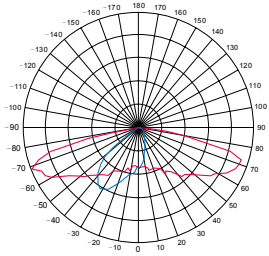| PARAMETER	TECHNICAL DATA
Type	TAURUS SERIES
Light source	SMD LED Module
Color temperature	4000 K as standard. Optional 2700K, 3000K & 5000K & 5700K. Amber LED available
Color stability	3 or 5 MacAdam steps for all standard LED colors
Color Rendering Index	>70 or >80 (neutral white and cool white)
Luminous Flux (led flux @ Ta=25C outdoor)	from 2100 to 14400 lm
Power	from 15W up to 120W
Luminaire efficiency	120-140 lm/W
Lumen Maintenance (L70)	$\geqslant$ 100,000 hours
Lumen Maintenance (L90B10)	$\geqslant$ 40,000 hours
Constant lumen output (CLO)	as requirement
Optics Material	PC
Optical Cover	Tempered Glass (5mm)
ULOR (%)	0% for flat glass versions
Spigot diameter	60 mm, 76 mm
Control inputs	0-10V/DALI
Electrical class	class I and class II
Color	RAL7024 as standard (RAL or AKZO Future colors available)
IP rating	IP66
IK rating	IK09 (according to IEC - EN 62262)
Operating temperature range	$-40°C < Ta \leqslant 50°C$
Driver thermal protection	yes
Surge protection	4kV (10kV available as an option)
Options	mini Photocell and NEMA socket, including cable
Certifications	CE CB ENEC(in certification)
Material	ADC12 / Lower copper contents

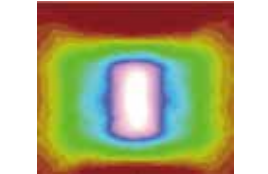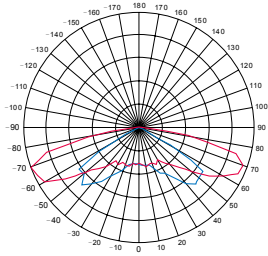# Optics Available

TYPE 1-M	TYPE 2-M A	TYPE 2-M B
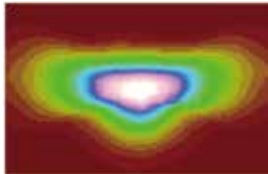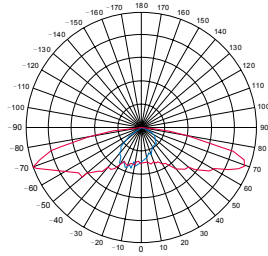
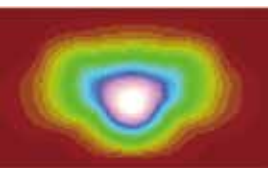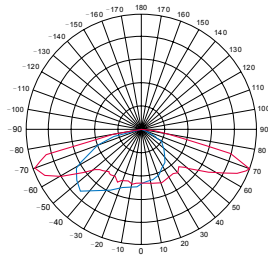Potential application areas: footpaths, cycle paths,illuminated jogging trails

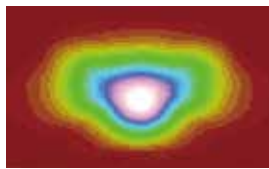Potential application areas: streets, car parks, high way,fast road

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

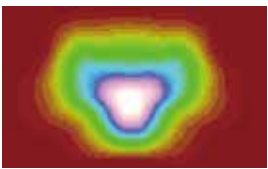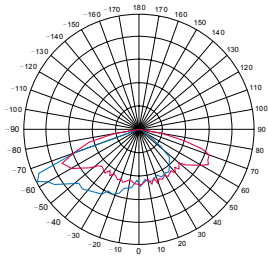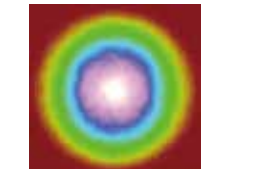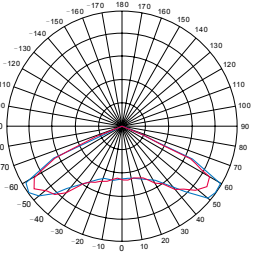| TYPE 3-M	TYPE 3-L	TYPE 4-S
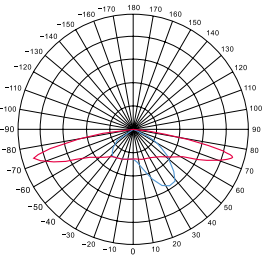
Potential application areas: wide streets, car parks, high way

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

TYPE 5-S

Potential application areas: car parks, airport

TAURUS SERIES

16   24   32   48   64

TAURUS HYT-LED27A
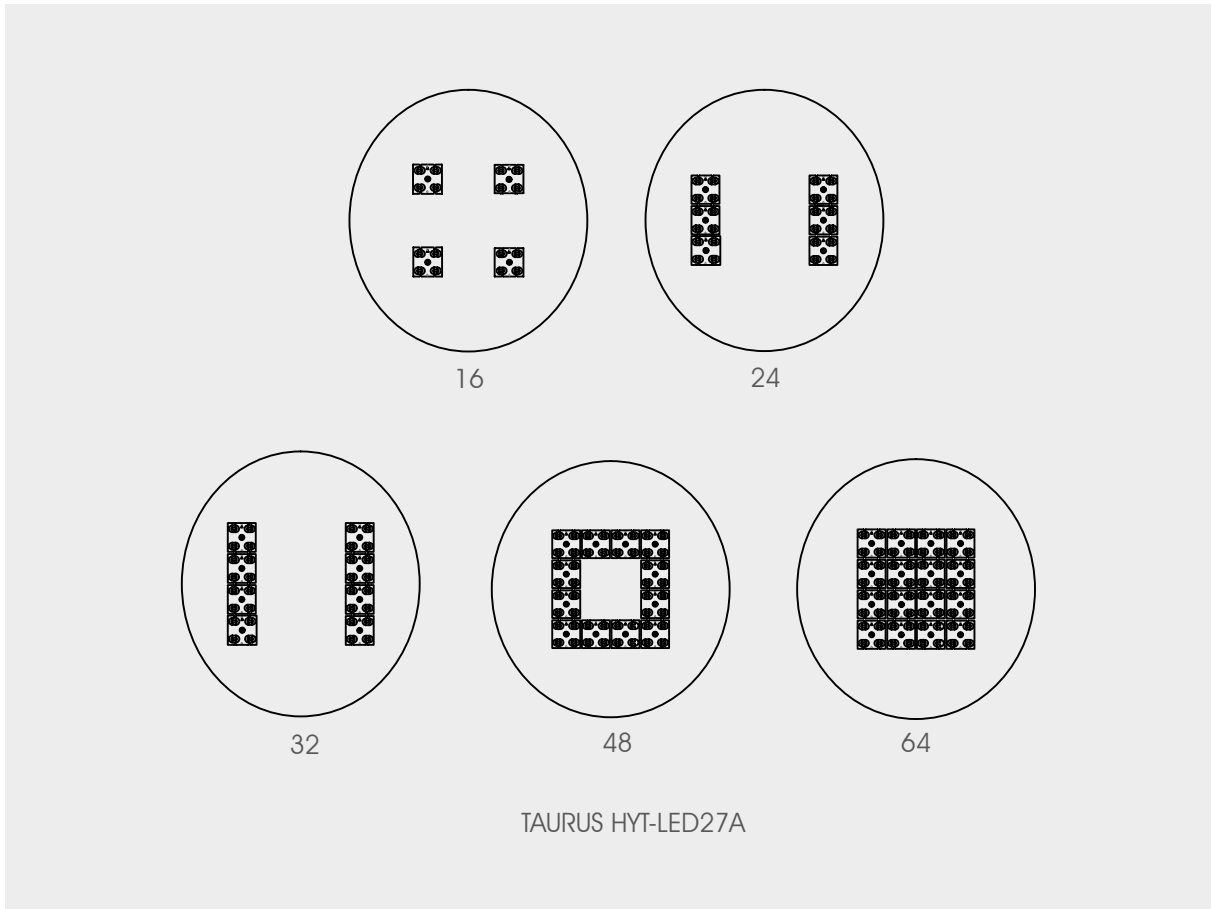
LEDS	POWER (W) MIN/MAX	LUXEON 5050 MAX(lm)	MIN(lm)	L90B10 at 25℃ IESNA TM-21-11	L70 at 25℃ IESNA TM-21-11
16	15-30	2100	3600	> 40000hrs	> 100000hrs
24	20-40	2800	4800	> 40000hrs	> 100000hrs
32	40-80	5600	9600	> 40000hrs	> 100000hrs
48	50-100	7000	12000	> 40000hrs	> 100000hrs
64	60-120	8400	14400	> 40000hrs	> 100000hrs

LUMILEDS

LUXEON 5050

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

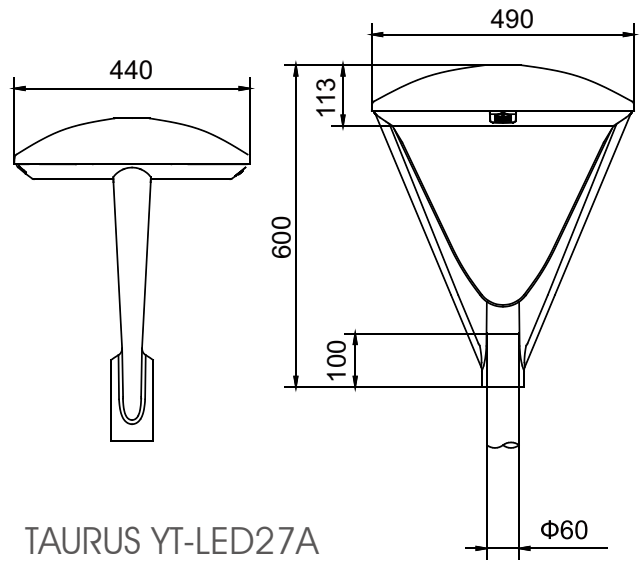# Other Options

TAURUS YT-LED27A

440

490

113

600

100

Φ60

Accessories Options

Surge Protection device

Surge Protection device offersprotection against lighting 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, 8/20μs
• 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

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 ±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