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Description

With 5 sizes design: Micro (L), Mini (S) and Midi (M) Maxi (X) and Plus Maxi (P) housing Basilea series luminaire with 5 types of different optics and is the ideal solution that fulfils requirements of functional street lighting and residential areas, which working with outstanding heat dissipation and compact system. Equipped with high-quality electrical components, long lifetime is assured. Tool-free design and disconnecter device, enables easy, safe and minimal cost for maintenance. Efficient system also to reduce energy consumption and to create a more attractive urban living environment and visual comforts for public and residential areas.

Key Features

- Patented Ribbon-Free housing™ technology
- Excellent thermal management
- Outstanding self-cleaning capability
- Patented optics for increased application efficiency
- Tool-free maintenance
- High brightness, up to 155lm/W
- Smooth body would not accumulated dust, sand or other solid material.
- Smart control timer control dimming, photocell, DALI system
- Compatible with 5-PIN, 7-PIN NEMA and Zhaga only from Mini type (S version)
- IP66, IK09, 20KV, anti-corrosion and vibration test approved

Applications

- Street and Highway roads
- Residential areas
- Parking lot
- Square centers

Specifications (micro type)

Model No.	SLST331010D	SLST331013D	SLST331017D	SLST331020D	SLST331023D	SLST331027D
Power Consumption	11W	14W	18W	21W	25W	29W
LED Type	Led High efficiency					
Luminous Flux	1650 lm	2100 lm	2700 lm	3150 lm	3750 lm	4350 lm
Efficacy Up to	155lm/W (4000K Ra70)					
Correlated Color	4000K (3000K, 5000K optional)					
Color Rendering Index	Ra70 (Ra80 optional)					
Beam Angle	830, 618, 711, 712, 718, 697 (pedestrian crossing)					
Driver Type	CLO, AstroDIM, External temperature sensor, Integrated overvoltage protection					
Input Voltage	AC100-277V					
Power Factor	>0.95					
Frequency	50/60 Hz					
Surge Protection	10kV line-line, 20kV line-earth					
Product Dimension	448×220×131 mm					
Luminaire Net Weight	3.5 ± 0.2 Kg					
Material	Housing	ADC12 Die-cast Aluminum				
	Optics	Tempered Glass and Polycarbonate Optical Lens				
Finish	Powder Coated RAL					
Insulation Class	Class II / I					
Protection Rating	IP66					
Impact Rating	IK08 (Optional IK09)					
EPA	0,10m2					
Vibration Test	Pass					
Salt Spray test	Pass					
Installation	Pole Mounting (Adjustable Angle) from -20° to +15° in the step of 2.5°					
Operating Temperature	-40°C to +45°C					
TM-21	L80 B10 @100.000 hours (Ta=25°)					
McAdam index	<5 step					
Warranty	5 Years					
Intelligent Control (Optional)	Daylight Control (On/Off)					
	1-10V dimming (final code Q)					
	PWM					
	Astrodim for autonomous dimming with five independent levels (final code A)					
	Smart control management system					
Accessory	DALI (final code D)					
	Spigot- φ42mm/60mm/76mm					
	NEMA Socket 5pin/7pin (final code N)					
	Zhaga Socket (final code Z)					
	Photocell					

The values in this technical data sheet are to be considered subject to tolerances



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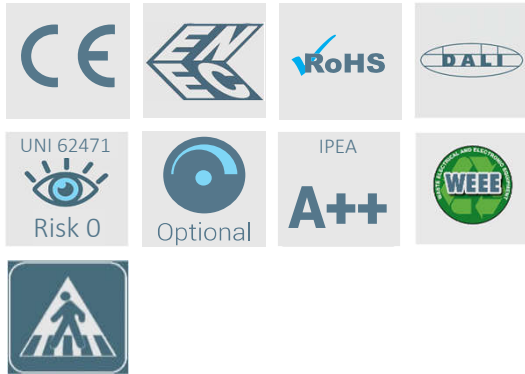
Specifications (micro type)

Model No.	SLST331030D	SLST331033D	SLST331037D	SLST331040D	SLST331043D	SLST331047D
Power Consumption	31W	32W	36W	39W	43W	46W
LED Type	Led High efficiency					
Luminous Flux	4650 lm	4800 lm	5400 lm	5850 lm	6450 lm	6900 lm
Efficacy Up to	155lm/W (4000K Ra70)					
Correlated Color	4000K (3000K, 5000K optional)					
Color Rendering Index	Ra70 (Ra80 optional)					
Beam Angle	830, 618, 711, 712, 718, 697 (pedestrian crossing)					
Driver Type	CLO, AstroDIM, External temperature sensor, Integrated overvoltage protection					
Input Voltage	AC100-277V					
Power Factor	>0.95					
Frequency	50/60 Hz					
Surge Protection	10kV line-line, 20kV line-earth					
Product Dimension	448×220×131 mm					
Luminaire Net Weight	3.5 ± 0.2 Kg					
Material	Housing	ADC12 Die-cast Aluminum				
	Optics	Tempered Glass and Polycarbonate Optical Lens				
Finish	Powder Coated RAL					
Insulation Class	Class II / I					
Protection Rating	IP66					
Impact Rating	IK08 (Optional IK09)					
EPA	0,10m2					
Vibration Test	Pass					
Salt Spray test	Pass					
Installation	Pole Mounting (Adjustable Angle) from -20° to +15° in the step of 2.5°					
Operating Temperature	-40°C to +45°C					
TM-21	L80 B10 @100.000 hours (Ta=25°)					
McAdam index	<5 step					
Warranty	5 Years					
Intelligent Control (Optional)	Daylight Control (On/Off)					
	1-10V dimming (final code Q)					
	PWM					
	Astrodim for autonomous dimming with five independent levels (final code A)					
	Smart control management system					
Accessory	DALI (final code D)					
	Spigot- φ42mm/60mm/76mm					
	NEMA Socket 5pin/7pin (final code N)					
	Zhaga Socket (final code Z)					
	Photocell					

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Specifications (mini type)

Model No.	SLST33S020D	SLST33S023D	SLST33S027D	SLST33S030D	SLST33S033D	SLST33S037D
Power Consumption	21W	25W	29W	31W	32W	36W
LED Type	Led High efficiency					
Luminous Flux	3150 lm	3750 lm	4350 lm	4650 lm	4800 lm	5400 lm
Efficacy Up to	155lm/W (4000K Ra70)					
Correlated Color	4000K (3000K, 5000K optional)					
Color Rendering Index	Ra70 (Ra80 optional)					
Beam Angle	830, 618, 711, 712, 718, 697 (pedestrian crossing)					
Driver Type	CLO, AstroDIM, External temperature sensor, Integrated overvoltage protection					
Input Voltage	AC100-277V					
Power Factor	>0.95					
Frequency	50/60 Hz					
Surge Protection	10kV line-line, 20kV line-earth					
Product Dimension	534×251×132 mm					
Luminaire Net Weight	6.0 ± 0.2 Kg					
Material	Housing	ADC12 Die-cast Aluminum				
	Optics	Tempered Glass and Polycarbonate Optical Lens				
Finish	Powder Coated RAL					
Insulation Class	Class II / I					
Protection Rating	IP66					
Impact Rating	IK08 (Optional IK09)					
EPA	0,15m2					
Vibration Test	Pass					
Salt Spray test	Pass					
Installation	Pole Mounting (Adjustable Angle) from -20° to +15° in the step of 2.5°					
Operating Temperature	-40°C to +45°C					
TM-21	L80 B10 @100.000 hours (Ta=25°)					
McAdam index	<5 step					
Warranty	5 Years					
Intelligent Control (Optional)	Daylight Control (On/Off)					
	1-10V dimming (final code Q)					
	PWM					
	Astrodim for autonomous dimming with five independent levels (final code A)					
	Smart control management system					
Accessory	DALI (final code D)					
	Spigot- φ42mm/60mm/76mm					
	NEMA Socket 5pin/7pin (final code N)					
	Zhaga Socket (final code Z)					
	Photocell					

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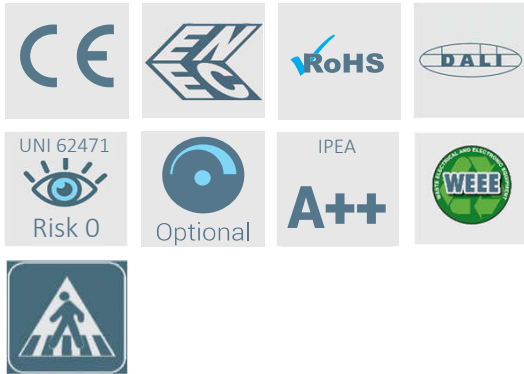
Specifications (mini type)

Model No.	SLST33S040D	SLST33S043D	SLST33S047D	SLST33S050D	SLST33S053D	SLST33S057D
Power Consumption	39W	43W	46W	50W	54W	57W
LED Type	Led High efficiency					
Luminous Flux	5850 lm	6450 lm	6900 lm	7500 lm	8100 lm	8550 lm
Efficacy Up to	155lm/W (4000K Ra70)					
Correlated Color	4000K (3000K, 5000K optional)					
Color Rendering Index	Ra70 (Ra80 optional)					
Beam Angle	830, 618, 711, 712, 718, 697 (pedestrian crossing)					
Driver Type	CLO, AstroDIM, External temperature sensor, Integrated overvoltage protection					
Input Voltage	AC100-277V					
Power Factor	>0.95					
Frequency	50/60 Hz					
Surge Protection	10kV line-line, 20kV line-earth					
Product Dimension	534×251×132 mm					
Luminaire Net Weight	6.0 ± 0.2 Kg					
Material	Housing	ADC12 Die-cast Aluminum				
	Optics	Tempered Glass and Polycarbonate Optical Lens				
Finish	Powder Coated RAL					
Insulation Class	Class II / I					
Protection Rating	IP66					
Impact Rating	IK08 (Optional IK09)					
EPA	0,15m2					
Vibration Test	Pass					
Salt Spray test	Pass					
Installation	Pole Mounting (Adjustable Angle) from -20° to +15° in the step of 2.5°					
Operating Temperature	-40°C to +45°C					
TM-21	L80 B10 @100.000 hours (Ta=25°)					
McAdam index	<5 step					
Warranty	5 Years					
Intelligent Control (Optional)	Daylight Control (On/Off)					
	1-10V dimming (final code Q)					
	PWM					
	Astrodim for autonomous dimming with five independent levels (final code A)					
	Smart control management system					
Accessory	DALI (final code D)					
	Spigot- φ42mm/60mm/76mm					
	NEMA Socket 5pin/7pin (final code N)					
	Zhaga Socket (final code Z)					
	Photocell					

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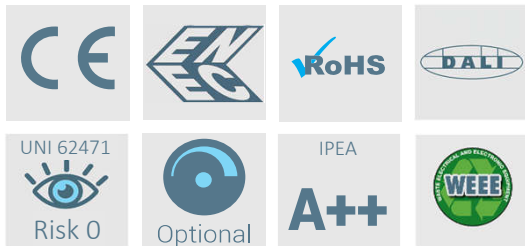
Specifications (mini type)

Model No.	SLST33S060D	SLST33S064D	SLST33S068D	SLST33S074D	SLST33S081D	SLST33S089D
Power Consumption	61W	64W	68W	71W	79W	86W
LED Type	Led High efficiency					
Luminous Flux	9150 lm	9600 lm	10200 lm	10650 lm	11850 lm	12900 lm
Efficacy Up to	155lm/W (4000K Ra70)					
Correlated Color	4000K (3000K, 5000K optional)					
Color Rendering Index	Ra70 (Ra80 optional)					
Beam Angle	830, 618, 711, 712, 718, 697 (pedestrian crossing)					
Driver Type	CLO, AstroDIM, External temperature sensor, Integrated overvoltage protection					
Input Voltage	AC100-277V					
Power Factor	>0.95					
Frequency	50/60 Hz					
Surge Protection	10kV line-line, 20kV line-earth					
Product Dimension	534×251×132 mm					
Luminaire Net Weight	6.0 ± 0.2 Kg					
Material	Housing	ADC12 Die-cast Aluminum				
	Optics	Tempered Glass and Polycarbonate Optical Lens				
Finish	Powder Coated RAL					
Insulation Class	Class II / I					
Protection Rating	IP66					
Impact Rating	IK08 (Optional IK09)					
EPA	0,15m2					
Vibration Test	Pass					
Salt Spray test	Pass					
Installation	Pole Mounting (Adjustable Angle) from -20° to + 15° in the step of 2.5°					
Operating Temperature	-40°C to +45°C					
TM-21	L80 B10 @100.000 hours (Ta=25°)					
McAdam index	<5 step					
Warranty	5 Years					
Intelligent Control (Optional)	Daylight Control (On/Off)					
	1-10V dimming (final code Q)					
	PWM					
	Astrodim for autonomous dimming with five independent levels (final code A)					
	Smart control management system					
Accessory	DALI (final code D)					
	Spigot- φ42mm/60mm/76mm					
	NEMA Socket 5pin/7pin (final code N)					
	Zhaga Socket (final code Z)					
	Photocell					

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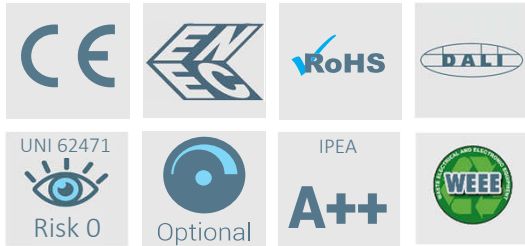
Specifications (midi type)

Model No.	SLST33M095D	SLST33M103D	SLST33M110D	SLST33M120D		
Power Consumption	93W	107W	117W	121W		
LED Type	Led High efficiency					
Luminous Flux	13950 lm	16050 lm	17550 lm	18150 lm		
Efficacy Up to	155lm/W (4000K Ra70)					
Correlated Color	4000K (3000K, 5000K optional)					
Color Rendering Index	Ra70 (Ra80 optional)					
Beam Angle	830, 618, 711, 712, 718, 697 (pedestrian crossing)					
Driver Type	CLO, AstroDIM, External temperature sensor, Integrated overvoltage protection					
Input Voltage	AC100-277V					
Power Factor	>0.95					
Frequency	50/60 Hz					
Surge Protection	10kV line-line, 20kV line-earth					
Product Dimension	610×285×132 mm					
Luminaire Net Weight	7.0 ± 0.2 Kg					
Material	Housing	ADC12 Die-cast Aluminum				
	Optics	Tempered Glass and Polycarbonate Optical Lens				
Finish	Powder Coated RAL					
Insulation Class	Class II / I					
Protection Rating	IP66					
Impact Rating	IK08 (Optional IK09)					
EPA	0,20m2					
Vibration Test	Pass					
Salt Spray test	Pass					
Installation	Pole Mounting (Adjustable Angle) from -20° to +15° in the step of 2.5°					
Operating Temperature	-40°C to +45°C					
TM-21	L80 B10 @100.000 hours (Ta=25°)					
McAdam index	<5 step					
Warranty	5 Years					
Intelligent Control (Optional)	Daylight Control (On/Off)					
	1-10V dimming (final code Q)					
	PWM					
	Astrodim for autonomous dimming with five independent levels (final code A)					
	Smart control management system					
Accessory	DALI (final code D)					
	Spigot- φ42mm/60mm/76mm					
	NEMA Socket 5pin/7pin (final code N)					
	Zhaga Socket (final code Z)					
	Photocell					

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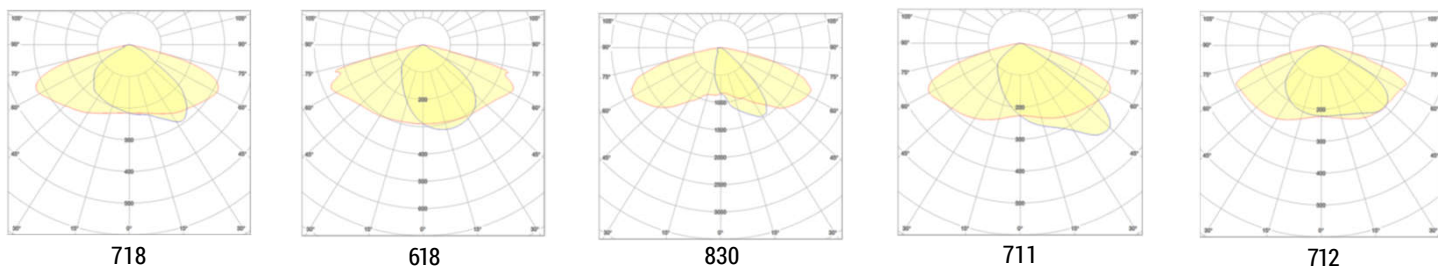
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Specifications (maxi and maxi plus type)

Model No.	SLST33X150D	SLST33P180D	SLST33P200D	SLST33P240D
Power Consumption	150W	180W	200W	240W
LED Type	Led High efficiency			
Luminous Flux	22500 lm	27000 lm	30000 lm	36000 lm
Efficacy Up to	150lm/W (4000K Ra70)			
Correlated Color	4000K (3000K, 5000K optional)			
Color Rendering Index	Ra70 (Ra80 optional)			
Beam Angle	830, 618, 711, 712, 718,			
Driver Type	CLO, AstroDIM, External temperature sensor, Integrated overvoltage protection			
Input Voltage	AC100-277V			
Power Factor	>0.95			
Frequency	50/60 Hz			
Surge Protection	10kV line-line, 20kV line-earth			
Product Dimension	630×327×136 mm		790×383×131 mm	
Luminaire Net Weight	8.0 ± 0.2 Kg		11.0 ± 0.2 Kg	
Material	Housing	ADC12 Die-cast Aluminum		
	Optics	Tempered Glass and Polycarbonate Optical Lens		
Finish	Powder Coated RAL			
Insulation Class	Class II / I			
Protection Rating	IP66			
Impact Rating	IK08 (Optional IK09)			
EPA	0,21m2		0,27m2	
Vibration Test	Pass			
Salt Spray test	Pass			
Installation	Pole Mounting (Adjustable Angle) from -20° to + 15° in the step of 2.5°			
Operating Temperature	-40°C to +45°C			
TM-21	L80 B10 @100.000 hours (Ta=25°)			
McAdam index	<5 step			
Warranty	5 Years			
Intelligent Control (Optional)	Daylight Control (On/Off)			
	1-10V dimming (final code Q)			
	PWM			
	Astrodim for autonomous dimming with five independent levels (final code A)			
	Smart control management system			
Accessory	DALI (final code D)			
	Spigot- φ42mm/60mm/76mm			
	NEMA Socket 5pin/7pin (final code N)			
	Zhaga Socket (final code Z)			
	Photocell			

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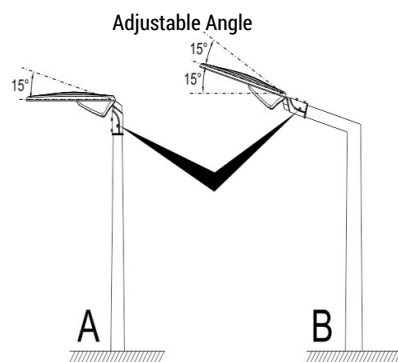
Mounting Options



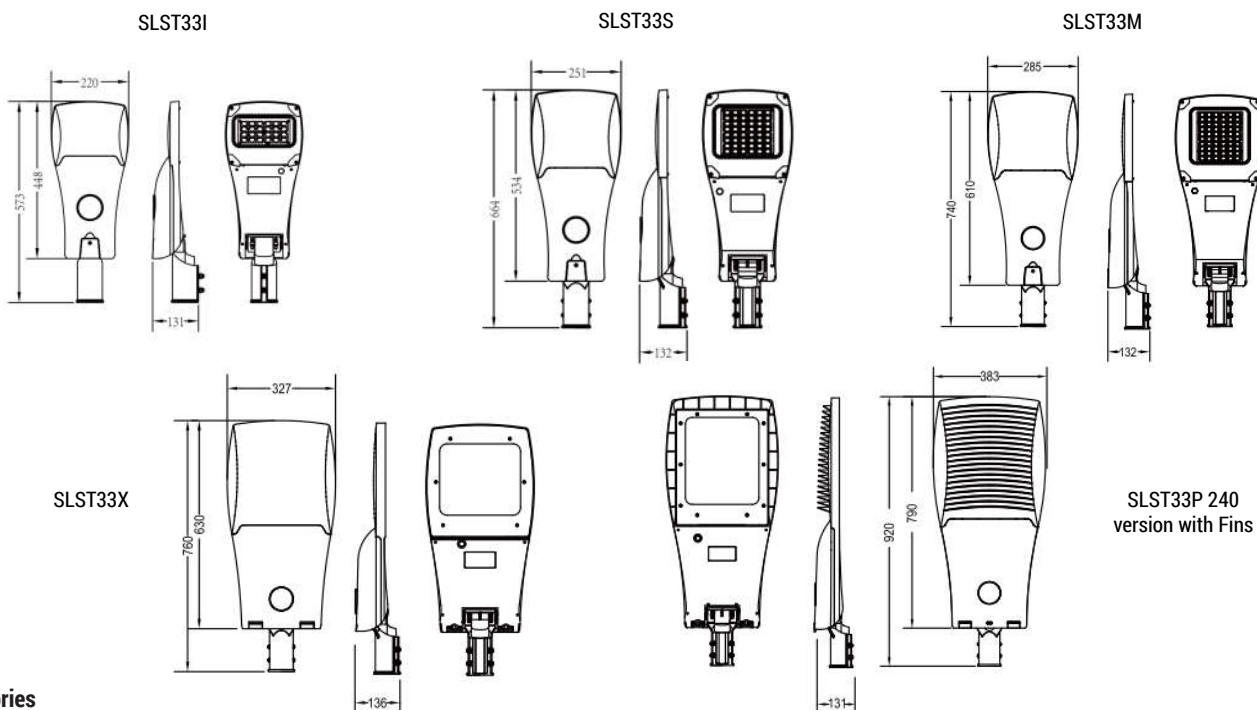
Adjustable Angle



Balance Device



Dimensions



Accessories

