

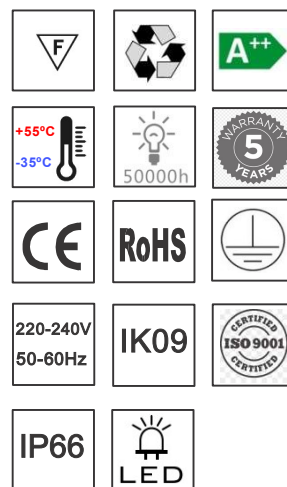


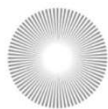
 LDC is an elegant lighting element suitable for both modern and classic architecture. Ideal for creating a visual guide with exceptional visual comfort using LED technology with different height, wattage, lumen, CRI and CCT option

 PLDC un elegante elemento di illuminazione adatto sia all'architettura moderna che a quella classica. Ideale per creare una guida visiva con un comfort visivo eccezionale utilizzando la tecnologia LED con diverse opzioni di altezza, potenza, lumen, CRI e CCT

TECHNICAL DATA

Type	Decorative Bollard Light
Installation	Ground Surface
Housing	Die-cast aluminium
Processing	Powder Coated
Diffuser	Tempered safety glass
Light Emission Direction	Symmetrical
Beam Angle	180°
Safety Class	II
Direct Mounting on Normal Flammable Surface	Yes
Driver Included	Yes
Adjustable	No

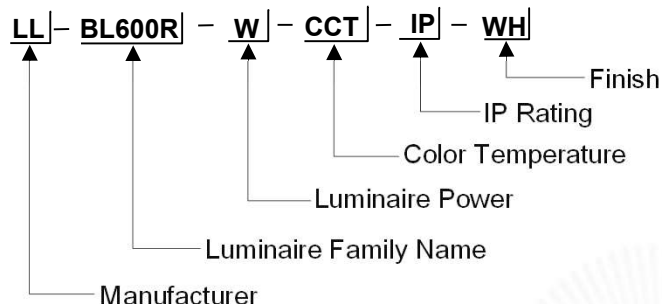




LA LUCE

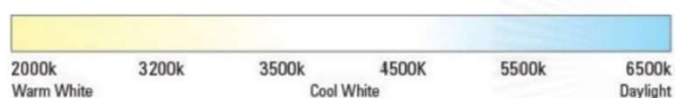
LIGHT - DESIGN - MORE

MODEL CODE



System Wattage (W)	Lumen Output (lm)	Luminaire Efficacy (lm/W)	CRI
☐ 8	760	95	>80
☐ 10	950	95	>80
☐ 13	1235	95	>80
☐ 18	1710	95	>80
☐ 20	1900	95	>80
☐ 25	2375	95	>80

COLOR TEMPERATURE OPTION



☐ 2700K ☒ 3000K ☐ 4000K ☐ 5000K ☐ 6000K

FINISH OPTION



CONTROL OPTION

- ☐ DD DALI DIM
- ☐ D1 0-10V DIM
- ☐ PD Phase Cut DIM
- ☐ D0 On/Off

LED CHIPS

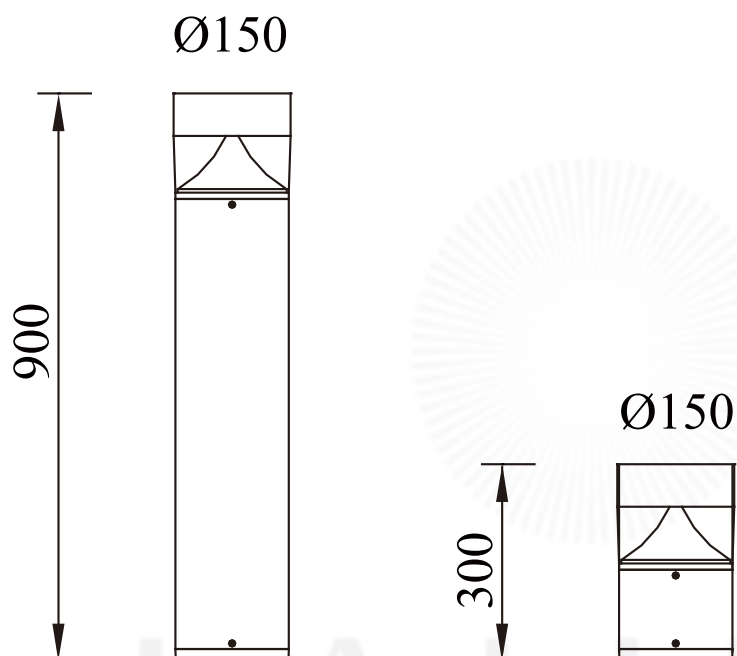


LED DRIVERS

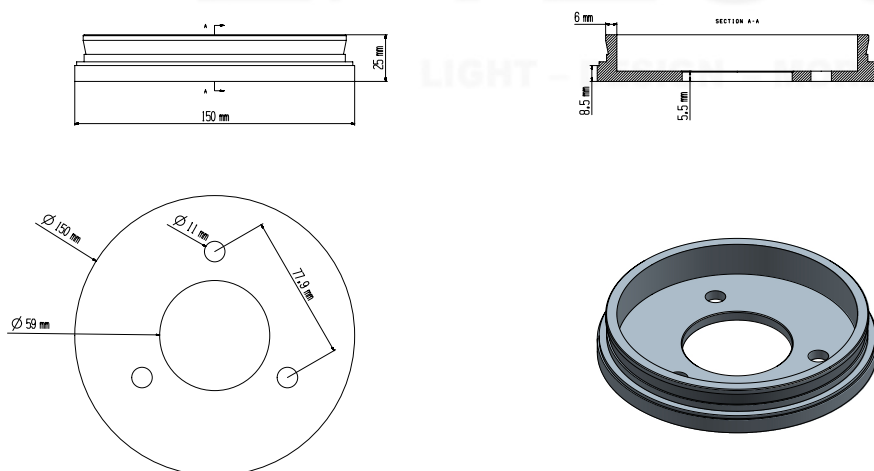


more information in www.la-luce.it

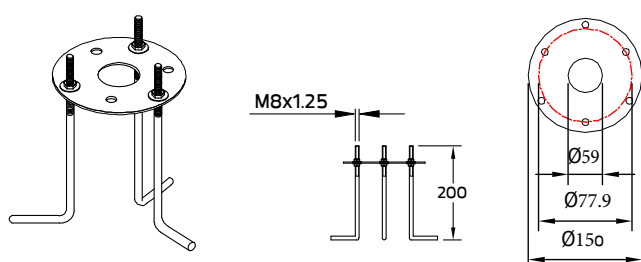
DIMENSION:



BASE PLATE DETAILS:

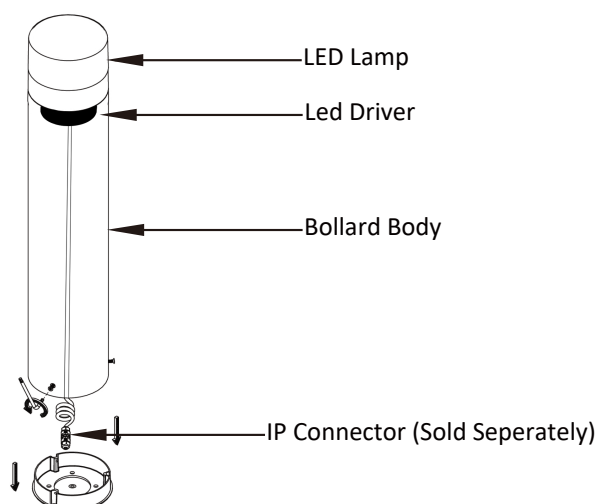
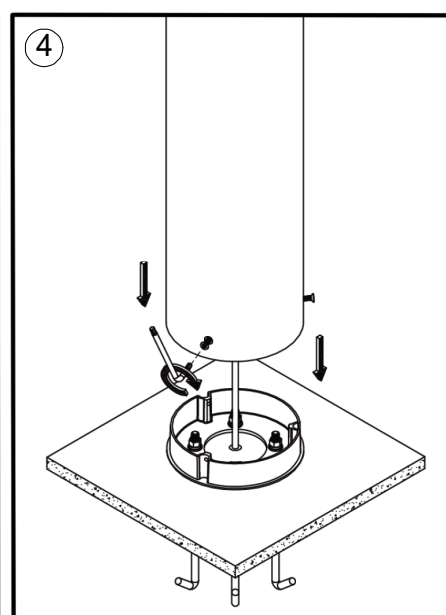
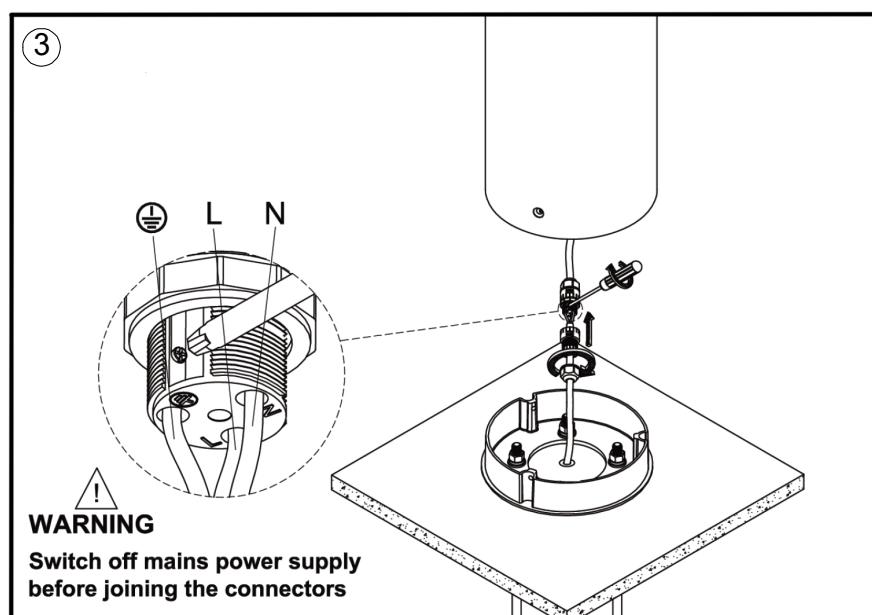
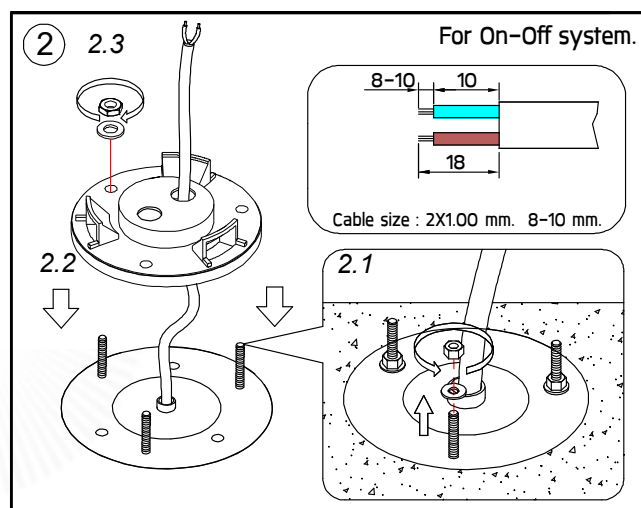
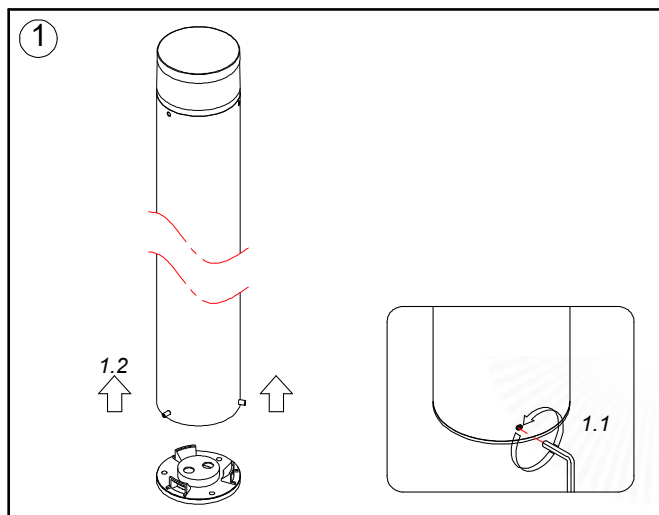


Anchor Bolt Details:



Note:
Anchor bolt kit not included, available separately

INSTALLATION DETAILS:



20W(12) Constant Current -CS Series

CS-20-XXX LB
 CS-12-XXX SB1



■Approve



■Features

- Class II, SELV, Built-in
- Input Voltage 220-240VAC
- Protections: SCP/OLP/OVP
- Power Factor >0.9
- Efficiency $\geq 86\%$
- 3 years warranty

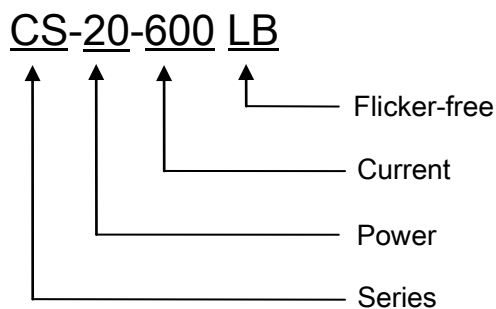
■Applications(Typ.)

- Spot light
- Wall light
- COB light

■Description

CS-20-XXX LB is a 20-25W constant current LED driver that operates from 176-264Vac input with 500/550/600mA current. With it's compact dimensions from $\Phi 55 \times 26\text{mm}$ it is easy to integrate in spot light, wall light and COB light products. To ensure trouble-free operation, protection is provided against output short circuit and over Load.

■Model code



20W(12) Constant Current -CS Series

CS-20-XXX LB
 CS-12-XXX SB1

■Specification

Input	Rated input voltage	220-240VAC		
	Range of input voltage	176-264VAC		
	DC input voltage	176-280V		
	Frequency(Hz)	0/50/60 Hz		
	Power Factor	> 0.9@Full Load,240VAC		
	Input Current max @Full Load,176VAC	0.16A MAX.	0.18A MAX.	0.19A MAX.
	Start-up time	< 0.5S		
	Unload Power Consumption	≤0.5W		
	Inrush Current	25A Max.		
	THD	< 10%@Full Load,240VAC		
	Leakage Current	< 0.7mA(240VAC)		
Output	Constant Current *Note 3	500mA	550mA	600mA
	Unload voltage Max.	50VDC	50VDC	50VDC
	Voltage Range(VDC)	28-43VDC	28-42VDC	28-42VDC
	Rated power	21.5W Max.	23.1W Max.	25.2W Max.
	Current Accuracy	±5%@220-240VAC		
	Voltage Regulation	±5% @Full Load, 220-240VAC		
	Load Regulation	±5%@220-240VAC		
	Hold-up Time	1s max.@Full Load		
	Ripple& Noise *Note.2	≤±3%		
	Efficiency(Typ.)	≥86%		
Protection	Over Load Protection	103-120%		
		Protection type: Auto Resume		
	Over Voltage Protection	> 50VDC		
Environment		Protection type: Auto Resume		
	Short circuit Protection	Protection type: Auto Resume		
	Operating Temperature	-20°C...+60°C		
	tc	90°C		
	Storage Temperature	-25°C...+60°C		
Safety & EMC	Life time	> 30,000h@60°C		
	Humidity	20%-90%RH		
	Dimension	Φ55X26(DXH)mm		
	Safety standards	EN 61347-1; EN61347-2-13; EN62384		
	Withstand voltage	Input-Output : 3750V/5mA/1min		
Note	Isolation resistance	Input-Output : ≥4MΩ@500VDC		
	EMI	EN55015; EN61000-3-2 Class C; EN61000-3-3		
	EMS	EN 61547; EN 61000-4-2; EN 61000-4-5 —1000V;		

1.All parameters NOT specially mentioned are measured at 240VAC input , full load and 25°C of ambient temperature.
 2.Ripple & Noise are measured at 20MHz of bandwidth by using a 300mm twisted pair-wire terminated with a 0.1uF & 47 uF parallel capacitor.
 3.Output current can be from 500mA to 600mA and increasing in multiples of 50mA. Please see Model list below and contact EAGLERISE for details.

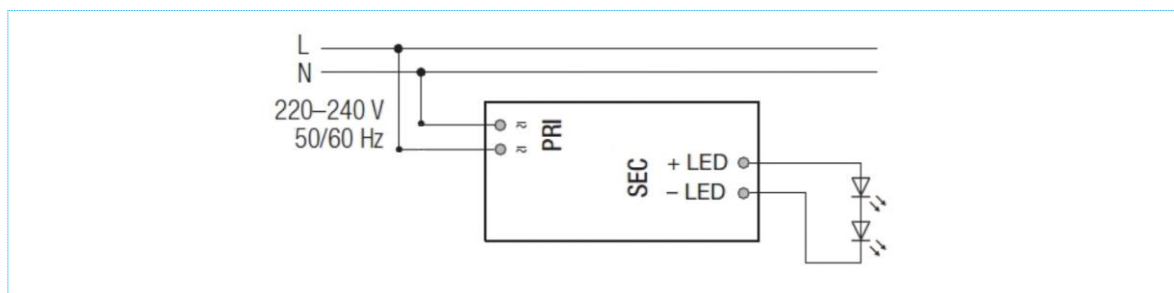
20W(12) Constant Current -CS Series

CS-20-XXX LB
 CS-12-XXX SB1

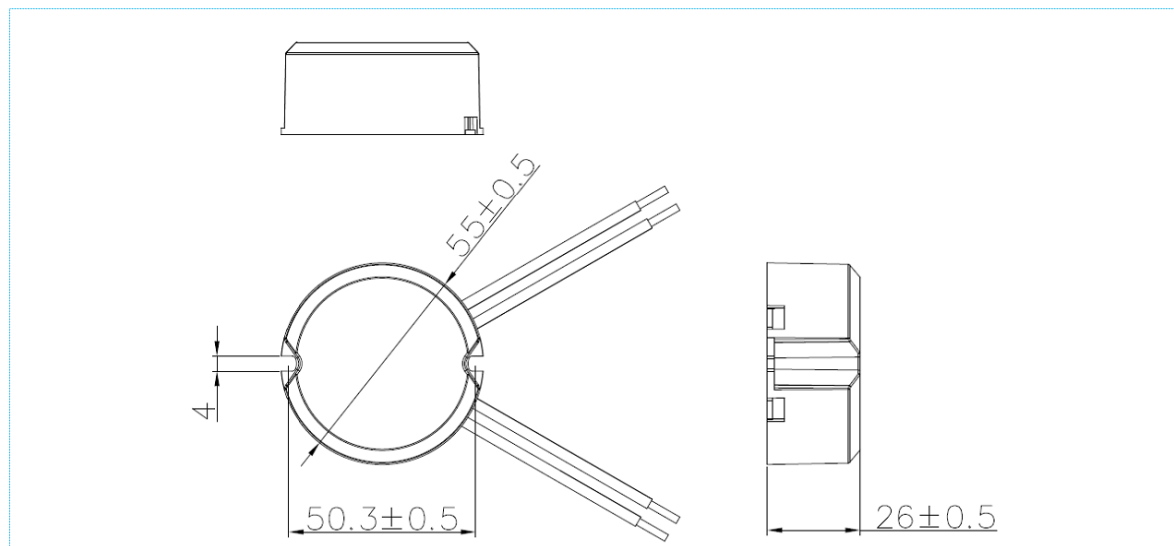
■Model list

NO.	Model number	Input			Output			Max.Prated(W)
		Voltage (VAC)	Current (A)	Frequency (Hz)	Constant current (mA)	Normal working voltage (VDC)	No load working voltage (VDC)	
1	CS-20-500 LB	220-240	0.16	50/60	500	28-43	50	21.5
2	CS-20-550 LB	220-240	0.18	50/60	550	28-42	50	23.1
3	CS-20-600 LB	220-240	0.19	50/60	600	28-42	50	25.2

■Wiring diagram



■2D diagram

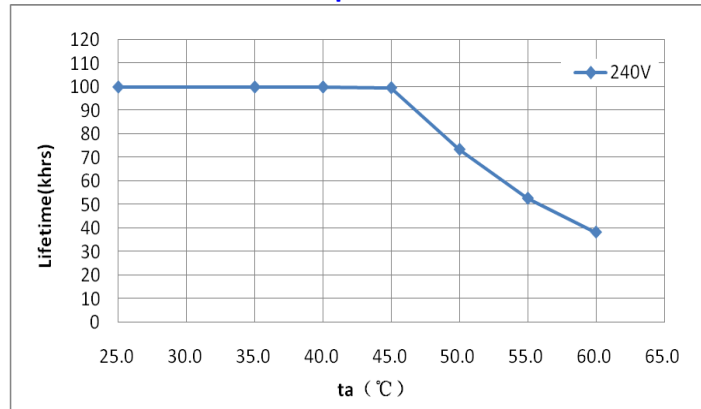


20W(12) Constant Current -CS Series

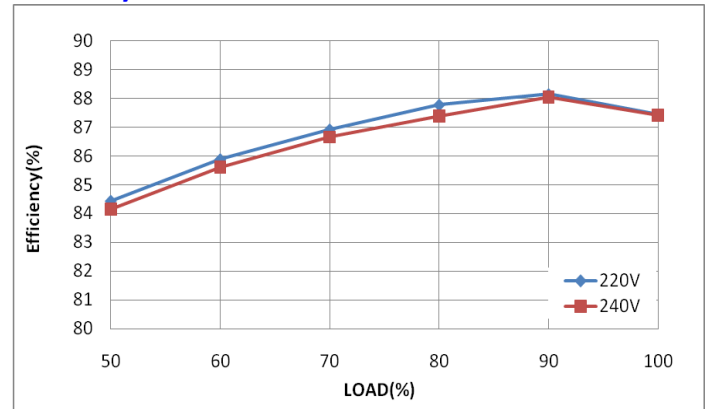
CS-20-XXX LB
 CS-12-XXX SB1

■Curve for CS-20-600 LB

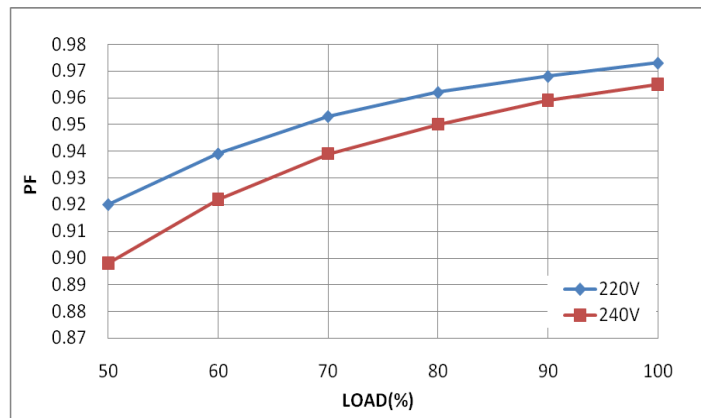
Lifetime vs. Ambient Temperature Curve



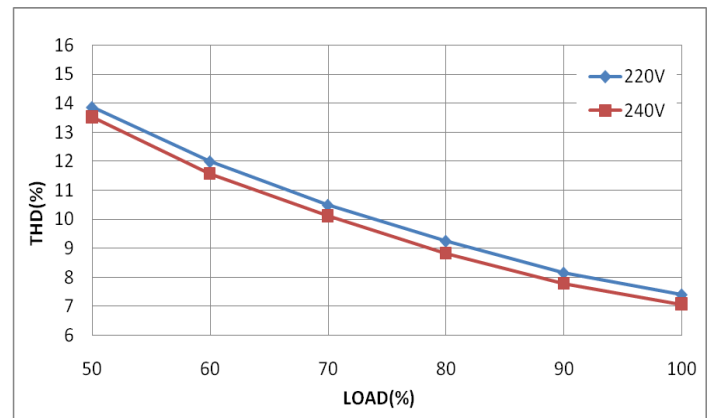
Efficiency vs. Load



Power Factor Characteristics



THD vs. Load



■Operating window

