

COLOSSUS[®]

Excellence inside



Standard LED Drivers Technology

colossusworld.com



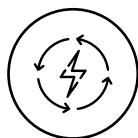
ABOUT COLOSSUS

Colossus Drivers: Powering the Future of LED Technology

Colossus is a technology-led Indian brand focused on designing and manufacturing high-performance LED drivers built for reliability, efficiency, and seamless integration. With our dedicated manufacturing facility, we are strengthening India's role in global electronics and advancing the 'Make in India' initiative through local, energy-efficient production.

Our portfolio includes Smart and Standard Drivers tailored for modern lighting systems. Smart Drivers—offered in both Isolated and Non-Isolated formats—connect with mobile apps and smart home platforms, and include built-in Surge and High Voltage Protection. Standard Drivers are optimized for long-term efficiency and dependable performance.

Colossus represents a shift towards smarter, future-ready lighting infrastructure—driven by innovation, backed by quality, and engineered to last.



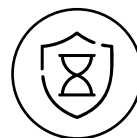
High
Efficiency



Flicker
Free



Global
Compatibility



Longevity
& Reliability

**Certified For Quality.
Approved For Performance.**

All Colossus Drivers comply with industry standards and are certified for quality, safety, and performance.



NON-DIMMABLE DRIVERS

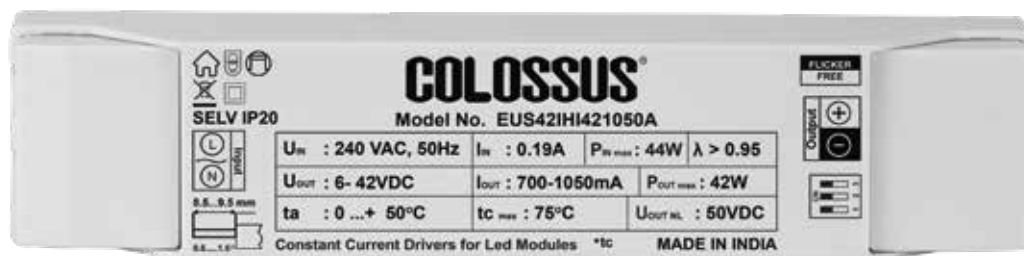
03.1

STANDARD ADJUSTABLE CURRENT DRIVERS

UPCOMING

WARRANTY:
5 YEARS

FLICKER FREE



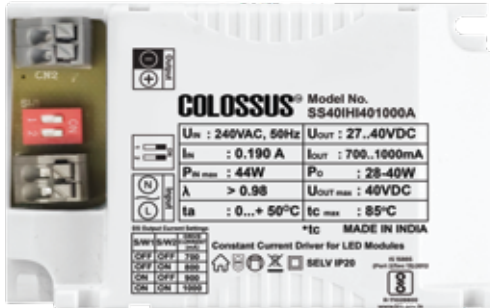
Functions

- Constant current driver for LED modules
- High efficiency Upto 90%(@100% Load)
- Power factor >0.95, THD <10%(@100% Load)
- Adjustable output current via Dip Switch
- Surge Protection 4KV
- Low Ripple Current (<5%)

Model No.	Watt P _{OUT}	O/P Voltage V _{OUT} (V)	O/P Current I _{OUT} (mA)	Efficiency (%)	Power Factor	Surge Protection (KV)	Warranty (Years)	Dimensions
EUS12IH142300A	12	6-42	150-300	>85	>0.95	4	3	130*30*20mm
EUS25IH142600A	25	6-42	300-600	>88	>0.95	4	3	146*36*25mm
EUS42IH1421050A	42	6-42	700-1050	>90	>0.95	4	3	190*42*28mm

03.1 **STANDARD** ADJUSTABLE CURRENT DRIVERS

WARRANTY:
> 2 YEARS



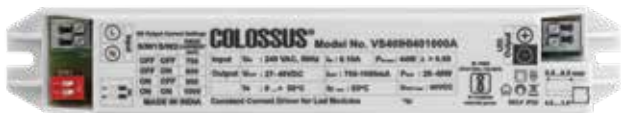
■ Functions

- Constant current driver for LED modules
- High efficiency Upto 90%(@100% Load)
- Power factor >0.98, THD<10%(@100%Load)
- Adjustable output current via Dip Switch
- Surge Protection 4KV

Model No.	Watt P _{OUT}	O/P Voltage V _{OUT} (V)	O/P Current I _{OUT} (mA)	Efficiency (%)	Power Factor	Surge Protection (KV)	Warranty (Years)	Dimensions
SS40IH401000A	28-40	27-40	700-1000	>90	>0.98	4	2	92*57.5*31mm

03.1 **STANDARD** ADJUSTABLE CURRENT DRIVERS

WARRANTY:
> 2 YEARS



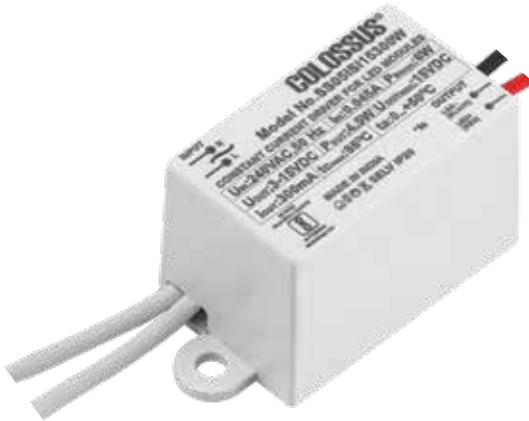
■ Functions

- Constant current driver for LED modules
- High efficiency >90%(@100% Load)
- Power factor >0.98, THD<10%(@100%Load)
- Adjustable output current via Dip Switch
- Surge Protection 4KV

Model No.	Watt P _{OUT}	O/P Voltage V _{OUT} (V)	O/P Current I _{OUT} (mA)	Efficiency (%)	Power Factor	Surge Protection (KV)	Warranty (Years)	Dimensions
VS40IH401000A	28-40	27-40	700-1000	>90	>0.98	4	2	182*31*25mm

03.2 STANDARD FIXED CURRENT DRIVERS

WARRANTY:
> 1 YEAR



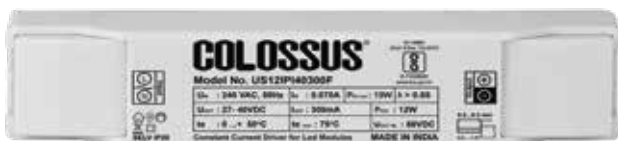
■ Functions

- Constant current driver for LED modules
- High efficiency Upto 82%(@100% Load)
- Power factor >0.5 (@100%Load)
- Surge Protection 2.5KV

Model No.	Watt P _{OUT}	O/P Voltage V _{OUT} (V)	O/P Current I _{OUT} (mA)	Efficiency (%)	Power Factor	Surge Protection (KV)	Warranty (Years)	Dimensions
SS05IS115300W	4.5	3-15	300	>77	>0.50	2.5	1	40*19.20*22mm
SS07IS124300W	7	12-24	300	>82	>0.50	2.5	1	58*28*22mm

03.2 STANDARD FIXED CURRENT DRIVERS

WARRANTY:
> 2 YEARS



■ Functions

- Constant current driver for LED modules
- High efficiency >86%(@100% Load)
- Power factor >0.80(@100%Load)
- Surge Protection 3KV

Model No.	Watt P _{OUT}	O/P Voltage V _{OUT} (V)	O/P Current I _{OUT} (mA)	Efficiency (%)	Power Factor	Surge Protection (KV)	Warranty (Years)	Dimensions
US08IP140200F	8	27-40	200	>85	>0.80	3	2	108*21*21mm
US10IP140250F	10	27-40	250	>86	>0.85	3	2	108*21*21mm
US12IP140300F	12	27-40	300	>86	>0.85	3	2	108*21*21mm

03.2 STANDARD FIXED CURRENT DRIVERS

WARRANTY:
> 3 YEARS



■ Functions

- Constant current driver for LED modules
- High efficiency >86%, THD < 10% (@100% Load)
- For use in combination with luminaries of protection class II.
- Power factor > 0.98 (@100% Load)
- Surge Protection 4KV

Model No.	Watt P _{OUT}	O/P Voltage V _{OUT} (V)	O/P Current I _{OUT} (mA)	Efficiency (%)	Power Factor	Surge Protection (KV)	Warranty (Years)	Dimensions
US08IH40200F	8	27-40	200	>85	>0.98	4	3	108*21*21mm
US10IH40250F	10	27-40	250	>86	>0.98	4	3	108*21*21mm
US12IH40300F	12	27-40	300	>86	>0.98	4	3	108*21*21mm

03.2 STANDARD FIXED CURRENT DRIVERS

WARRANTY:
> 2 YEARS



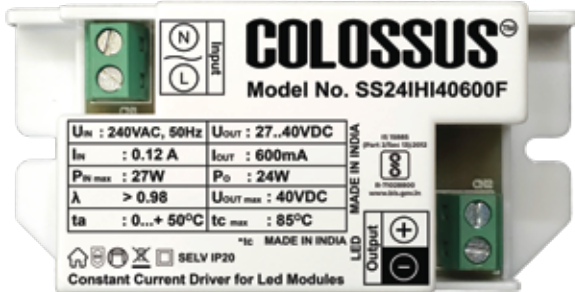
■ Functions

- Constant current driver for LED modules
- High efficiency >85% (@100% Load)
- Power factor > 0.98, THD < 10% (@100% Load)
- For use in combination with luminaries of protection class II.
- Surge Protection 4KV

Model No.	Watt P _{OUT}	O/P Voltage V _{OUT} (V)	O/P Current I _{OUT} (mA)	Efficiency (%)	Power Factor	Surge Protection (KV)	Warranty (Years)	Dimensions
LS06IH40150F	6	27-40	150	>85	>0.98	4	2	79*39*22mm
LS08IH40200F	8	27-40	200	>85	>0.98	4	2	79*39*22mm
LS10IH40250F	10	27-40	250	>85	>0.98	4	2	79*39*22mm
LS12IH40300F	12	27-40	300	>85	>0.98	4	2	79*39*22mm

03.2 STANDARD FIXED CURRENT DRIVERS

WARRANTY:
> 2 YEARS



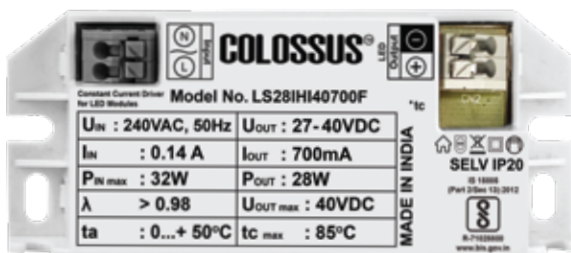
■ Functions

- Constant current driver for LED modules
- High efficiency >88%(@100% Load)
- Power factor >0.98, THD<10%(@100%Load)
- For use in combination with luminaries of protection class II.
- Surge Protection 4KV

Model No.	Watt P _{OUT}	O/P Voltage V _{OUT} (V)	O/P Current I _{OUT} (mA)	Efficiency (%)	Power Factor	Surge Protection (KV)	Warranty (Years)	Dimensions
SS15IH140350F	14	27-40	350	>88	>0.98	4	2	79*38*26mm
SS16IH140400F	16	27-40	400	>88	>0.98	4	2	79*38*26mm
SS20IH140500F	20	27-40	500	>88	>0.98	4	2	79*38*26mm
SS24IH140600F	24	27-40	600	>88	>0.98	4	2	79*38*26mm

03.2 STANDARD FIXED CURRENT DRIVERS

WARRANTY:
> 2 YEARS



■ Functions

- Constant current driver for LED modules
- High efficiency >90%(@100% Load)
- Power factor >0.98, THD<10%(@100%Load)
- For use in combination with luminaries of protection class II.
- Surge Protection 4KV

Model No.	Watt P _{OUT}	O/P Voltage V _{OUT} (V)	O/P Current I _{OUT} (mA)	Efficiency (%)	Power Factor	Surge Protection (KV)	Warranty (Years)	Dimensions
LS28IH140700F	28	27-40	700	>90	>0.98	4	2	97.5*40*28mm

03.2 STANDARD FIXED CURRENT DRIVERS

WARRANTY:
> 2 YEARS



■ Functions

- Constant current driver for LED modules
- High efficiency >90%(@100% Load)
- Power factor >0.98, THD<10%(@100%Load)
- For use in combination with luminaries of protection class II.
- Surge Protection 4KV

Model No.	Watt P _{OUT}	O/P Voltage V _{OUT} (V)	O/P Current I _{OUT} (mA)	Efficiency (%)	Power Factor	Surge Protection (KV)	Warranty (Years)	Dimensions
SS28IHI40700W	28	30-40	700	>90	>0.98	4	2	103*47*33mm
SS32IHI40800W	32	30-40	800	>90	>0.98	4	2	103*47*33mm
SS36IHI40900W	36	30-40	900	>90	>0.98	4	2	103*47*33mm
SS40IHI401000W	40	30-40	1000	>90	>0.98	4	2	103*47*33mm

03.2 STANDARD FIXED CURRENT DRIVERS

WARRANTY:
> 2 YEARS



■ Functions

- Constant current driver for LED modules
- High efficiency >90%(@100% Load)
- Power factor >0.98, THD<10%(@100%Load)
- For use in combination with luminaries of protection class II.
- Surge Protection 4KV

Model No.	Watt P _{OUT}	O/P Voltage V _{OUT} (V)	O/P Current I _{OUT} (mA)	Efficiency (%)	Power Factor	Surge Protection (KV)	Warranty (Years)	Dimensions
SS28IHI40700F	28	27-40	700	>90	>0.98	4	2	92.5*57.5*31mm
SS32IHI40800F	32	27-40	800	>90	>0.98	4	2	92.5*57.5*31mm

03.2 STANDARD FIXED CURRENT DRIVERS

WARRANTY:
> 2 YEARS



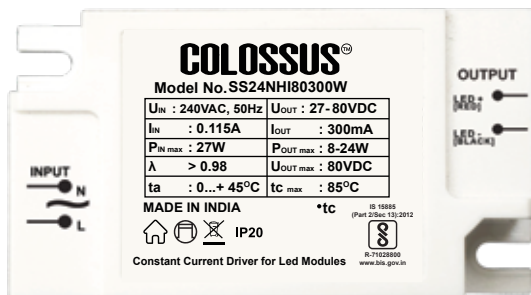
■ Functions

- Constant current driver for LED modules
- High efficiency >90%(@100% Load)
- Power factor >0.98, THD<10%(@100%Load)
- For use in combination with luminaries of protection class II.
- Surge Protection 4KV

Model No.	Watt P _{OUT}	O/P Voltage V _{OUT} (V)	O/P Current I _{OUT} (mA)	Efficiency (%)	Power Factor	Surge Protection (KV)	Warranty (Years)	Dimensions
VS28IH140700F	28	27-40	700	>90	>0.98	4	2	182*31*25mm
VS32IH140800F	32	27-40	800	>90	>0.98	4	2	182*31*25mm

03.2 STANDARD FIXED CURRENT DRIVERS

WARRANTY:
> 2 YEARS



■ Functions

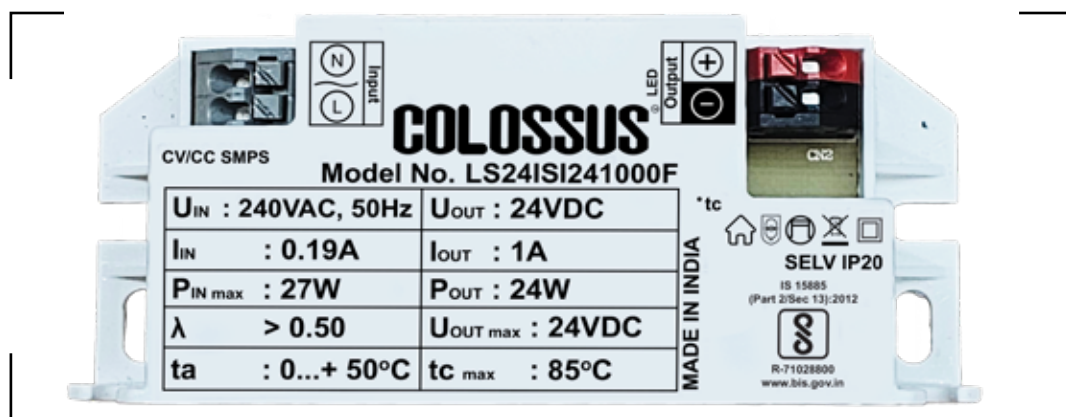
- Constant current driver for LED modules
- High efficiency >88%(@100% Load)
- Power factor >0.98(@100%Load)
- For use in combination with luminaries of protection class II.
- Surge Protection 4KV

Model No.	Watt P _{OUT}	O/P Voltage V _{OUT} (V)	O/P Current I _{OUT} (mA)	Efficiency (%)	Power Factor	Surge Protection (KV)	Warranty (Years)	Dimensions
SS15NH175200W	6-15	30-75	200	>86	>0.98	4	2	61*32*19mm
SS22NH172300W	8-22	27-72	300	>86	>0.98	4	2	61*32*19mm

STANDARD SMPS

03.3 **STANDARD**
SMPS SERIES

> WARRANTY:
2 YEARS



■ Functions

- Constant voltage driver for LED modules
- High efficiency >86%(@100% Load)
- Constant Current Mode at Max Load Condition
- For use in combination with luminaries of protection class II.
- Surge Protection Upto 4KV

Model No.	Watt P _{OUT}	O/P Voltage V _{OUT} (V)	O/P Current I _{OUT} (A)	Efficiency (%)	Power Factor	Surge Protection (KV)	Warranty (Years)	Dimensions
LS12ISI121000F	12	12	1	>80	>0.50	2.5	2	79*39*22mm
LS30ISI122500F	30	12	2.5	>84	>0.50	2.5	2	97.5*40*28mm
LS24ISI241000F	24	24	1	>86	>0.50	2.5	2	97.5*40*28mm

03.3 STANDARD SMPS SERIES

FLICKER FREE

WARRANTY: 5 YEARS



■ Functions

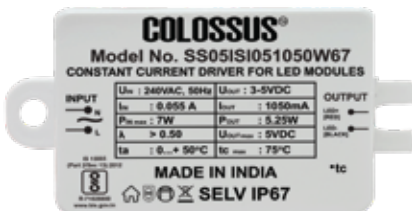
- Constant voltage driver for LED modules
- High efficiency >90%(@100% Load)
- For use in combination with luminaries of protection class II.
- Surge Protection Upto 4KV

Model No.	Watt P _{OUT}	O/P Voltage V _{OUT} (V)	O/P Current I _{OUT} (A)	Efficiency (%)	Power Factor	Surge Protection (KV)	Warranty (Years)	Dimensions
US60IH242500F	60	24	2.50	>90	>0.95	2	5	190*42*28mm
US100IH244170F	100	24	4.17	>91	>0.95	2	5	230*42*28mm
US150IH246250F	150	24	6.25	>93	>0.95	2	5	286*42*31mm
US200IH248330F	200	24	8.3	>93	>0.95	2	5	286*42*31mm

WATERPROOF DRIVERS IP67 RATED

03.4 WATERPROOF DRIVERS FIXED CURRENT DRIVERS

WARRANTY: 2 YEARS



■ Functions

- Constant voltage driver for LED modules
- High efficiency >85%(@100% Load)
- Constant Current Mode at Max Load Condition
- For use in combination with luminaries of protection class II.
- Surge Protection Upto 2.5KV

Model No.	Watt P _{OUT}	O/P Voltage V _{OUT} (V)	O/P Current I _{OUT} (mA)	Efficiency (%)	Power Factor	Surge Protection (KV)	Warranty (Years)	Dimensions
SS05ISI15300W67	4.5	3-15	300	>76	>0.50	2.5	2	40x19.20x22mm
SS05ISI051050W67	5.25	12	1050	>70	>0.50	2.5	2	58x28x22mm
SS07ISI24300W67	7	12	300	>82	>0.50	2.5	2	58x28x22mm

03.4 WATERPROOF DRIVERS FIXED CURRENT DRIVERS

WARRANTY:
> 3 YEARS



■ Functions

- Constant voltage driver for LED modules
- Compatible upto 5 Channel Control
- Constant Current Mode at Max Load Condition
- High efficiency >85%(@100% Load)
- For use in combination with luminaries of protection class II.
- Surge Protection Upto 2.5KV

Model No.	Watt P _{OUT}	O/P Voltage V _{OUT} (V)	O/P Current I _{OUT} (mA)	Efficiency (%)	Power Factor	Surge Protection (KV)	Warranty (Years)	Dimensions
SS06IHI40150W67	6	27-40	150	>83	>0.98	4	3	58x28x22mm
SS08IHI40200W67	8	27-40	200	>88	>0.95	4	3	58x28x22mm

03.4 WATERPROOF DRIVERS FIXED CURRENT DRIVERS

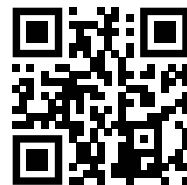
WARRANTY:
> 3 YEARS



■ Functions

- Constant voltage driver for LED modules
- High efficiency >85%(@100% Load)
- Constant Current Mode at Max Load Condition
- For use in combination with luminaries of protection class II.
- Surge Protection Upto 2.5KV

Model No.	Watt P _{OUT}	O/P Voltage V _{OUT} (V)	O/P Current I _{OUT} (mA)	Efficiency (%)	Power Factor	Surge Protection (KV)	Warranty (Years)	Dimensions
SS10IHI40250W67	10	27-40V	250	>85	>0.98	4	3	69x35x24.5mm
SS12IHI40300W67	12	27-40V	300	>85	>0.50	4	3	69x35x24.5mm
SS15IHI42350W67	15	27-42V	350	>85	>0.50	4	3	69x35x24.5mm



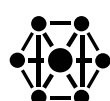
COLOSSUS[®]

Excellence inside

Explore Partnership Opportunities With Us!

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Please Reach Us At: connect@colossusworld.com

भारत  **MADE**
में  **IN**
निर्मित  **INDIA**



plexilent
simplifying life



CASAMBI

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